

VOLUME - I



SELF STUDY REPORT

for Third Accreditation Cycle

Submitted to
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL [NAAC],
BENGALURU

JAMIA HAMDARD

(HAMDARD UNIVERSITY)
Hamdard Nagar, New Delhi - 110062

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Jamia Hamdard

(Hamdard University)



New Delhi – 110062

<http://jamiahamdard.edu/>

SELF STUDY REPORT (SSR)

Submitted to
**NATIONAL ASSESSMENT AND ACCREDITATION
COUNCIL (NAAC), BENGALURU**
[Cycle- 3]



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Phd, DSc(h.c.), DMedSc(h.c.), FNA, FTWAS, ML, FAAM

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DECLARATION

I certify that the information included in various volumes of the Self Study Report (SSR) of Jamia Hamdard is true to the best of my knowledge.

The SSR is prepared by the University after internal discussion and compilation and collation of information provided by various Departments/Centers/Sections/Units of the University and no part thereof has been outsourced.

The SSR and associated Quality Assurance Reports (QAR) were presented at the meeting of the IQAC Committee of the University held on April 18, 2016. The IQAC Committee granted approval to the same. The minutes of the IQAC Committee along with SSR and QAR were also presented at the meetings of the Academic Council (AC) and Board of Management (BoM) of Jamia Hamdard held on April 25 and 26, 2016, respectively. AC and BoM approved the same for its submission to the National Assessment and Accreditation Council (NAAC) for accreditation (3rd cycle) of the University.

I am aware that NAAC Peer team will validate the information provided in this SSR during its visit.

Prof. (Dr.) Seyed Ehtesham Hasnain

Vice Chancellor

New Delhi

Date: 29/03/2017



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Statement of Compliance (Deemed Universities)

This is to certify that JAMIA HAMDARD (Deemed University) has complied with all the provisions of the following University Grants Commission (UGC) Regulations governing it:

- ❖ Minimum Qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges and Measures for the Maintenance of Standards in Higher Education 2010 and further amendments, if any, notified by the UGC.
- ❖ Minimum Standards and Procedure for the Award of M.Phil./Ph.D. Degree, Regulations 2009 and further amendments, if any, notified by the UGC.
- ❖ UGC (Institutions Deemed-to-be-Universities) Regulations 2016 and further amendments, if any, notified by the UGC.
- ❖ Specification of Degrees, March 2014 and further amendments, if any, notified by the UGC.
- ❖ All the distance education programmes have the UGC-DEC approval.
- ❖ Approval by the UGC and MHRD for main campus, off-campus and off-shore campus – as applicable.

Any false or misleading information provided by the institution, will be viewed seriously by NAAC and the accreditation given is liable to be withdrawn.

Prof. (Dr.) Seyed Ehtesham Hasnain
Vice Chancellor

Date: 29/03/2017
Place: New Delhi



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A. Preface



Professor Dr. Seyed E. Hasnain
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A. Preface

Jamia Hamdard (www.jamiahamdard.edu) is the result of the foresight, vision, a rare sense of planning and execution and personal sacrifice of the philosopher-philanthropist, and distinguished physician, Hakeem Abdul Hameed, the Founder. It was conferred the status of "Deemed to be University" under section 3 of UGC act 1956 by the Government of India in the year 1989. Since then it has steered ahead through all challenges and has gained an enviable position in the field of research and higher education. With its impressive track record in research, the University has a distinction of consecutive accreditation in 'A' grade by NAAC and has also attained its place in Group I (Institutions Satisfying Most of Criteria for Deemed University Status) through an assessment conducted by the Committee constituted by the Ministry of Human Resources Development (MHRD) for the purpose of Review of Existing Institutions Deemed to be University (known as 'the Tandon Committee'). The university has eight Schools (Faculties) with distinct teaching and research programmes. It has a rare distinction of being a seat of higher education in Pharmacy, Nursing, Management and information Technology, Federal Studies and Islamic Studies has been fortified through establishment of Hamdard Institute of Medical Sciences and Research (HIMSR) for impacting medical education in modern system with the approval of the Medical Council of India (MCI). Paramedical and Rehabilitation Sciences courses are also offered at HIMSR.

In the year 2016, in national ranking exercise (National Institutional Ranking Framework, NIRF) conducted by the MHRD, Government of India Jamia Hamdard was ranked 3rd in the discipline of Pharmacy among 454 institutes and the 18th under University Category amongst 233 Indian Universities which were finally considered for ranking. In NIRF 2017 Jamia Hamdard got the 1st Rank in Pharmacy. Recently, Jamia Hamdard has selected for DST-PURSE (Promotion of University Research and Scientific Excellence) which shall provide impetus to our research activities.

Another distinguished feature of Jamia Hamdard is the presence of on-campus active research and academic collaborations with organizations of international repute such as Sun Pharma, Hilleman Labs Ltd., and Becton Dickinson (BD) Biosciences. The University has substantially contributed in the area of quality research and has set high standards for Ph.D. theses and patents. The recent addition of an off-campus in Kannur, Kerala with the approval of UGC and MHRD is focused at serving the educationally marginalized communities.

It is a matter of great pleasure that we present ourselves for the third cycle of accreditation. In this Self Study Report (SSR) we highlight our quality initiatives and achievements of faculty and students. We have prepared this report with active contribution from each stakeholder facilitated by the Internal Quality Assurance Cell (IQAC). Due care has been taken to present facts and figures in proper perspective supported by documents wherever available, I sincerely hope that our efforts in sustaining the quality in the academic and research spheres at Jamia Hamdard will be reflected in this report.

Prof. (Dr.) Seyed Ehtesham Hasnain
Vice Chancellor



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B. Executive Summary

B. EXECUTIVE SUMMARY

Jamia Hamdard has completed 28 years of its journey as a ‘Deemed to be a University’ However, its seeds were sown in 1906 with the establishment of a small Unani clinic by Hakeem Hafiz Abdul Majeed, one of the well-known practitioners of Unani System of Medicine of his times. Hakeem Hafiz Abdul Majeed had a vision of making the practice of Unani Medicine into a scientific discipline, so that Unani medicines could be dispensed in a more efficacious manner to patients. He gave the name “**Hamdard**” to his venture, which means “**sympathy for all and sharing of pain**”. His illustrious son, Hakeem Abdul Hameed, carried forward this philosophy and objectives of Hamdard in independent India. Even at the time of partition of the country in 1947, Hakeem Abdul Hameed was envisioning of setting up a complex of educational institutions, which would concentrate on highlighting the contribution of Islam and Islamic culture to Indian civilization and development of Unani medicines for curing diseases.

Jamia Hamdard is located in the sylvan environs of Tughlakabad, in the heart of the Delhi city. It prides itself, in being widely regarded as an unique seat of learning, having an eclectic mix of traditional tenets of health education *via* the practice of an age old Unani system of medicine and amalgamating it wisely with modern system of medicine and other allied principles of pharmacy, nursing and science. It has stood the test of time and got recognized as a harbinger of quality research and modern education, while being successfully accredited by NAAC in "A" category twice. It is poised to attain another level of recognition and reaching an acme of sorts in its niche domain by undergoing the third cycle of evaluation by NAAC. The recent All India Ranking of 18th in the ‘Jamia Hamdard Category’ and 3rd in Pharmacy Institution Category in the National Institutional Ranking Framework (NIRF) 2016 conducted by the Ministry of Human Resource Development (MHRD), Government of India is a fact to substantiate its commitment, dedication and steadfastness towards imparting quality education and pursuing quality research in the country.

Jamia Hamdard came into existence as a Deemed to be a University in 1989 after the integration of Hamdard College of Pharmacy, Hamdard Tibbi College and other Institutions run under the aegis of Hamdard National Foundation (HNF), such as Rufaida College of Nursing, Indian Institute of History of Medicine and Medical Research and Indian Institute of

Islamic Studies. In May 1989 the Ministry of Human Resource Development, Government of India, declared it as a “Deemed to be a University” on the recommendations of the University Grants Commission (UGC) under Section 3 of UGC Act 1956. These institutes were earlier affiliated to Delhi University, but had achieved commendable stature of their own in academics as well as research.

Jamia Hamdard was realization of the dream of its Founder Padma Bhushan Hakim Abdul Hameed (1908 – 1999), a great philanthropist and educationist of his time, who invested the profits from his fledgling industrial house “Hamdard Dawakhna” for bringing in tangible changes into the educational scenario of the country through private equity. He firmly believed that education is the only tool to bring in the much-needed social change and garnered much support from the government at that time for this noble cause. Since its inception, Jamia Hamdard has strived hard to maintain high standards of education and has continuously struggled to meet the ever increasing quality standards of academic practices and research at both national and international level.

Jamia Hamdard has consciously stayed away from run of the mill educational programmes and has emerged as a facilitator and catalyst for bringing in diverse professional courses, which contributed immensely towards the upliftment and employability in the community and contributed incalculably in nation building. The Founder, by his own practice had inculcated amongst the teachers and students, a natural predilection towards the practice of rational and scientific research. Leading by an example, he himself being a practitioner of Unani system of medicine, refused to be circumscribed by it alone and introduced the rational scientific principles to judge the efficacy of all his formulations. This practice led to implementing ‘quality research’ as a leading dictum for establishment as well as operation of the various Departments. In fact, most of the departments of the Jamia Hamdard were established as an entity of research in their niche areas and then academic programmes were introduced.

In recognition of the contributions of Jamia Hamdard to teaching and research, the National Assessment and Accreditation Council (NAAC) conferred on it ‘A’ Grade in the accreditation exercise during March 2003. No other University in Delhi was accredited by NAAC at that time. Accreditation by the NAAC came with a responsibility, accountability, quality and transparency. In 2011, Jamia Hamdard was re-accredited with ‘A’ grade (CGPA-

3.08) following a rigorous and elaborate exercise conducted by the NAAC through objective assessment done by research and education quality assessors.

To maintain quality standards as prescribed by the NAAC and UGC, Jamia Hamdard, has taken strong initiatives to raise the quality of research and teaching programmes. Consequently, it has been able to attract talented students and faculty from all over the country. A large number of international students also preferred Jamia Hamdard as their destination for quality higher education. Currently, students from about 30 nationalities from almost all the continents are enrolled in the Jamia Hamdard in different academic programmes. This speaks volumes about its reach, access, inclusiveness and quality of the academic profile. About 40% students are girls, which is testimony of gender inclusiveness initiative of Jamia Hamdard.

In a short period of 28 years, Jamia Hamdard has been able to make itself one of the leading universities in India and has had a global impact through its esteemed alumni spread all over the world. The Committee, which was constituted by the Ministry of Human Resources Development (MHRD) for the purpose of Review of Existing Institutions Deemed to be a University in 2009, in its report placed Jamia Hamdard in Group 1 (one) (Institutions Satisfying Most of Criteria for Deemed University Status) alongwith a miniscule number of institutions like the prestigious Indian Institute of Sciences (I.I.Sc.), Bangalore.

Jamia Hamdard got top rank in Pharmacy and other categories in the first ever National Ranking of Indian Higher Education Institute conducted by the Ministry of Human Resource Development, Government of India under NIRF [<https://www.nirfindia.org/Home>]. Jamia Hamdard ranked 3rd in Pharmacy among 454 Pharmacy institutes. The rankings were released by the Hon'ble Minister of Human Resourced Development at a function organized at the Vigyan Bhawan on April 4, 2016 [http://mhrd.gov.in/sites/upload_files/mhrd/files/Press-Release_NIRF.pdf]. Top 10 ranked Universities/Institutes in the categories of Universities, Pharmacy, Management and Engineering were handed over certificate of ranking by the Hon'ble Minister. Data for NIRF 2017 have been successfully uploading on the NIRF web site.

Jamia Hamdard concentrates on professional courses to equip the students with scientific and technological knowledge and to get employment in a highly competitive job market in the

country and abroad. Many of its courses are also aimed at offering training for self-employment. Jamia Hamdard comprises of eight Faculties (has since been renamed as Schools) each with distinct teaching and research programme. Each Faculty and Department has been created after due process of discussion, brain-storming sessions at various statutory authorities of the University and also after necessary approvals of the respective regulatory Councils, such as MCI, INC, RCI, etc.

A milestone in the history of Jamia Hamdard occurred in the year 2012, when the University got an approval from the Medical Council of India to establish a modern medical College and state of the art teaching Hospital under the aegis of Hamdard Institute of Medical Sciences and Research (HIMSR). Currently, 5th batch of 100 medical students (MBBS) has been admitted. The University plans to launch other Post-Graduate (PG) medical courses in HIMSR from 2017-2018. Process of integration of Paramedical and Allied Health Sciences courses with HIMSR has already been completed. Needless to say that Jamia Hamdard is perhaps one of the few universities, where the modern and traditional systems of medicine (Allopathic and Unani Medicine) co-exist and complement each other.

With an intention to make further forays into educating the masses, Jamia Hamdard after getting due approval from the UGC and MHRD established its Off-campus in Kannur, Kerala in the year 2013. The campus offers UG courses at present and will introduce more job oriented courses very soon. Jamia Hamdard, has been fortunate to get support from the best brains and the most reputed organizations in the field of research and education since its inception. Taking this legacy forward, Jamia Hamdard has set up on-campus centre for R&D and training in collaboration with industry of fame and repute. It includes Clinical Pharmacy Unit (CPU) of Sun Pharma Ltd erstwhile Ranbaxy Laboratories Ltd., Vaccine Research Centre of Hilleman Labs. Ltd. and BD-JH FACS Academy of Becton Dickinson Biosciences.

To add impetus to the ongoing research endeavours, Jamia Hamdard has introduced futuristic policies directed at research activities. The research outcome in the form of publications of high impact (normally impact factor above 3) are incentivized. The evaluation and assessment of PhD. theses is rigorous to maintain high standards. The quality consciousness towards publications and other research outcomes has been augmented in the last five years and has elicited an appreciable jump both in terms of quality and quantity. In the year 2014 Jamia Hamdard was been ranked 23 for citations per paper with a score of 93.2 amongst 100

top BRICS universities. Only five universities were ahead of Jamia Hamdard in India in this indicator.

Jamia Hamdard has a fully functional Internal Quality Assurance Cell (IQAC) working as per UGC and NAAC norms. Each faculty has a duly constituted a "Faculty Committee", which comprises of all teachers of the concerned faculty. A fully functional office of the Dean Students Welfare (DSW) offers support to all bonafide students of the Jamia Hamdard. In addition, in view of keeping the special needs of the expats and foreign nationals, Jamia Hamdard has a dedicated office of Foreign Students' Advisor (FSA). The academic affairs of the departments are brainstormed at the duly constituted Board of Studies (BoS), while the research endeavours are put on table of Doctoral Committees (DC) of the various Departments and Board of Research Studies (BRS) at the School level. Jamia Hamdard has adopted the UGC (Institutions Deemed to be Universities) Regulations 2010 and amendments to it following due procedure of approval through various statutory bodies of the Jamia Hamdard taking into consideration its special status as a Minority Institution. It has also adopted UGC Regulations relating to the award of PhD. degree.

In the year 2016, Jamia Hamdard became member of the elite class of Universities supported by DST – PURSE (Promotion of Jamia Hamdard Research in Science and Engineering) programme. The selection for PURSE grant is purely based on high quality publications, the impact factor of journals where faculty has published and citation indexed sourced from SCOPUS. With an h -index = 68, i_{10} index = 878 and i_{100} index = 24, Jamia Hamdard appeared at the 8th, 2nd, and 5th position, respectively amongst the Universities of India considered by DST for the PURSE. With PURSE funding, JH joined the exclusive group of 48 Universities, which get a large sum of research grants based on the performance in research measured by high quality publications.

MISSION AND VISION

The Jamia Hamdard strives to work with the following vision:

“To provide international quality higher education and undertake cutting-edge research in the fields of social, natural science and technology and particularly promote study of modern and traditional medicine systems, especially Unani-tibb, encompassing a holistic and integrative approach to healthcare and to meet societal education needs of underprivileged Indian communities.”

Keeping the vision of Jamia Hamdard in view, its mission is enumerated as under:

- a) To promote and advance the cause of higher education through modern methods of teaching and advanced research in such branches of knowledge as the Jamia Hamdard may continue to develop core-competence for and as may be in consonance with the emerging needs of India in general and underprivileged communities in particular.
- b) To co-operate, collaborate and associate with national and international organizations and institutions in any part of the world having mission wholly or partly similar to those of Jamia Hamdard and as per the provision of the UGC regulations in place from time to time.
- c) To provide avenues for higher education leading to excellence and innovations in such Branches of knowledge as may be deemed fit primarily at under-graduate, post-graduate and doctoral levels, fully conforming to the concept and idea of the Jamia Hamdard.

QUALITY STATEMENT

Jamia Hamdard stands tall on the pillars of excellence and innovations . Highest quality standards are maintained while designing and executing the various research oriented courses. Various research programmes are undertaken in-house or in collaboration with premier national and international institutes. Collaborations from reputed organizations at both national and international levels are solicited and programmes ensued leading to an active "Research ecosystem". Adequate freedom and encouragement is bestowed on the students to enable them to foray into the varied areas of research interests. Students are encouraged to take up research programmes to further understand and explore their area of interest.

QUALITY FRAMEWORK

Students: To attract the brightest young talent, candidates are screened through national and state level tests. Once enrolled, the students are exposed to all facets of their curriculum. Students have access to immense knowledge, which ensures their growth as a responsible citizen and a professionally competent individual.

Faculty: While selecting a junior faculty, we look for a future leader that they might turn into. A series of screens and tests are to be cleared during recruitment and promotion. At Jamia Hamdard, we also encourage our faculty to undertake interdisciplinary and collaborative research in their selected areas of specialization.

Professional development: We provide a platform to our faculty for their professional development. Research, innovation and generation of intellectual property is always encouraged.

Progress with diversity: We admit students from all backgrounds at the national and international level. To promote equal opportunities across all divisions, special focus is on increasing the enrollment of students from all underprivileged sections of the society.

Innovations, best practices and technological intervention: We encourage technological intervention and adoption of newer technology and techniques of teaching. Jamia Hamdard also emphasizes on following the best practices in administration, teaching and research.

Ethics: Ethics is at the core of all our endeavors. Guided by the virtues of absolute transparency and merit-based assessments, research and teaching is conducted following international ethical standards.

Environmental consciousness: As responsible citizens, environmental consciousness is a part of our DNA. We strongly advocate the use of green alternatives and endorse eco-friendly solutions like water harvesting, use of solar power, waste and water re-cycling and eco-friendly waste management.

Focussed Study Programmes

Most of the study programmes at Jamia Hamdard are focussed principally on ‘healthcare education’. The scope of such programmes has been further expanded with the establishment of Hamdard Institute of Medical Sciences and Research, (HIMSR), a modern medical institution with teaching hospitals.

Interdisciplinary Programmes

Another feature of programmes launched in recent years has been ‘interdisciplinary pedagogy’. A full-fledged Faculty (School) for interdisciplinary research has been established to provide platform for interdisciplinary research. All the PhD. programmes of the Faculty have interdisciplinary research topics and supervisors from cross-disciplines / Departments to guide the scholar. Programmes such as M.Sc. (Clinical Research), M.Tech. (Food Technology), M.B.A. (Pharmaceutical Management) etc. have curricula of interdisciplinary nature.

Inclusivity

There is a major emphasis on inclusive education. Jamia Hamdard, in particular encourages enrolment of girls in various study programmes. Currently, over 40% are girl students. In some courses girls are in majority such as nursing. Jamia Hamdard has truly national character, as students enrolled are from almost every state of the country.

Internationalization

A significant number of students from about 30 nationalities are enrolled in Jamia Hamdard. They constitute about 10% of the total enrolment of the Jamia Hamdard. International students are attracted to Jamia Hamdard because of high quality education and infrastructure. Office of Foreign Students Advisor takes care of needs of international students. Jamia Hamdard offers fee concession and freeships to students of countries with low growth index and countries which have witnessed turmoil such as Afghanistan, Yemen etc. Besides this Jamia Hamdard also encourages students and faculty to visit its campus and in the past some scholars have visited Jamia Hamdard under programme of United States India Educational Foundation (USIEF).

Research Culture

Jamia Hamdard has during the last decade an able leadership, which focussed on development of Scientific Temper, Quality Scientific Research and Health Education. The research ecosystem has been brewed with the highest standards of quality innovations and has helped the Jamia Hamdard to carve a niche for itself among the well established institutions of higher learning in the country. Under the dynamic leadership of a renowned Scientist, Jamia Hamdard has progressed leaps and bounds, especially in research and healthcare education. A high quality research culture has been introduced in the Jamia

Hamdard with emphasis on quality of publications, PhD. theses and research proposals. Jamia Hamdard has a strong Internal Quality Assurance Cell (IQAC), which monitors and ensures quality of publications, quality of theses and quality of collaborations. Jamia Hamdard is one of the few Universities in India which established a Directorate of Research under the Office of Advisor (Research). It is also one of the few Universities in India, which has an Intellectual Property (IP) Management Cell to facilitate patenting by the faculty and research scholars and has a Research and Publication Ethics Committee, which handles cases of research misconduct. Researchers of Science and Pharmacy are required to publish research paper in high impact factor journals (as per Thomson Reuters impact factor) in order to become eligible for submission of PhD. thesis. It is also one of the few universities in India, which has an on-campus active international and national industry-managed R&D and training centres such as SunPharma (erstwhile Ranbaxy) managed Clinical Pharmacy Unit, Hilleman Labs managed vaccine research centre and BD Biosciences managed BD-JH FACS Academy for training and research in flow cytometry. Besides, Jamia Hamdard has also initiated programme of incentivization of quality research by honouring and providing cash incentive to scholars and faculty who publish papers in high impact factor journals and papers with high citations. The University has also instituted 10 research fellowships (two post-doctoral and eight doctoral) from internal resources designated as Jamia Hamdard Silver Jubilee Fellowships. These Fellowships are offered on competitive basis to brilliant scholars who have no financial support for carrying out research work.

SUMMARY OF CRITERIA-WISE ANALYTICAL REPORT

CURRICULAR ASPECTS

Jamia Hamdard believes in keeping pace with the changing educational scenario and need of the society. Accordingly, it envisages to keep its curricula in sync with contemporary development in the field and it is regularly updated. At Jamia Hamdard, curriculum development is a continuous process involving modification and improvement of curricula keeping in view the factors including national needs, innovations, employability, research and industrial demands related to the relevance of the course. The University follows a detailed and systematic procedure for designing different curricula. The process involves formal and informal meetings and discussions. Each Department has Board of Studies (BoS) and invariably there is member from industry which provides industry insight and inputs for revision of curriculum so that the employability of students is ensured.

Jamia Hamdard offers study programmes at all levels with major focus on PG courses. It offers 20 UG courses and 42 PG courses and PhD. degree in 30 subjects. Jamia Hamdard follows norms of UGC and other regulatory agencies (Councils of different domains) with regard to curriculum, span period and other requirements of award of degree.

TEACHING-LEARNING AND EVALUATION

Jamia Hamdard adopts a fair, transparent and objective procedure of admission. Students are selected on an all India basis. In most of the cases students are selected from national admission tests such as National Eligibility cum Entrance Test (NEET) for medical and allied courses, Joint Entrance Examination (JEE) for engineering and technology courses and CAT, MAT, CMAT, XAT etc for MBA course. Interview and GD are held as per provisions. Even for management seats of MBBS, candidates are selected from NEET merit list only. Whole process of admission is online and transparent. GPAT is the criteria for M.Pharm. admission and NET and GPAT are the main criteria for PhD. admission.

Jamia Hamdard has recently decentralized admission and examination process. However, adequate measures are taken to ensure confidentiality and probity of the system. External examiners are involved in paper setting and evaluation. Coding of answer books is undertaken. Recently, Jamia Hamdard has undertaken a major step of introducing security features in markesheets and degree certificates. High standards are adopted in case of evaluation of PhD theses.

RESEARCH, CONSULTANCY AND EXTENSION

Jamia Hamdard is basically a research focussed University. There are PhD programmes and over 400 PhD. scholars are registered in the University. There are also good number of Post-doctoral Fellows/Researchers working in various Departments with financial support from agencies such as CSIR, UGC, DBT, DST, ICMR etc. Admission to PhD programme is quite rigorous and in most of subjects only NET qualified candidates are selected. There are well-equipped research laboratories and a significant mobilization of internal resources is under taken to strengthen the research activities. There are Central Instrumentation Facilities in the Faculty of Pharmacy and Faculty of Science housing sophisticated instruments.

Faculty members and scholars publish their research in high impact factor journals. Citation index of faculty members is appreciable. A number of faculty members are Members of Editorial Boards of reputed journals and are recognized at national and international levels for their scientific contributions.

INFRASTRUCTURE AND LEARNING RESOURCES

Adequate infrastructure is available to students for UG and PG study programmes and for research. This infrastructure is maintained with adequate allocation of funds. This infrastructure is updated on regular basis. Library resources are adequate. There are total six, hostels, out of which four are for girls, and two for boys with an overall intake of 1200 students. Independent housing is available for research scholars and post-doctoral fellows. Married staff and students having children can use Day Care Centre facility for their children. Students also have access to state-of-art healthcare facilities available on campus. The other amenities, which are available include a well equipped stadium and gymnasium, Bank, ATM and post office. Students are offered uninterrupted 24x7 wi-fi high speed connectivity and access to huge digital resources subscribed by the University.

STUDENT SUPPORT AND PROGRESSION

Jamia Hamdard has a well structured support system for students in different faculties. Dean Student Welfare is responsible for taking care of various co-curricular and extra-curricular requirements of the students. Research support is available at the Office of the Advisor (Research). Deans of the Faculty and Heads of the Department mentor students along with designated faculty members. During pre-admission period, Admission Help Desks are set up. Students can also contact Admission Office or Deans of the Faculty and Heads of the Departments. Designated teachers facilitate students during counselling.

Students have ‘Student Council’ and research scholars have ‘Research Scholars Council’ with representation from all Faculties. Besides, there is Students Grievance Redressal Committee to look into their grievances. Equal Opportunity Cell (EOC) creates awareness about equal opportunity to all, more so for specially challenged persons. Gender sensitization, cultural amalgamation and social equity are key areas of the execution of the EOC. There are Institutional and Faculty-level anti-ragging committees. University has Zero tolerance for ragging in any form.

Besides various scholarships and fellowships available nationally, a number of scholarship created from endowment fund and Jamia Hamdard's own internal resources are offered to students. A significant number of students benefit from freeship (part or full) based on their merit and academic performance. Adequate fee waivers in genuine cases is a routine practice to help the needy students.

GOVERNANCE, LEADERSHIP AND MANAGEMENT

Jamia Hamdard has adopted UGC Regulations 2010 for Deemed Universities. It has also modified its Memorandum of Association as per the UGC Regulation 2010 and the Amended MOA has been submitted to UGC for approval enumerating UGC Regulations between 2012 to 2016. Management system is democratic, participatory and transparent. Departments have sufficient autonomy (administrative and financial). Various stakeholders are represented in the statutory bodies of the Jamia Hamdard. A major emphasis is to involve industry representative. The sponsoring body (Hamdard National Foundation) has a representation in the Board of Management. Our Chancellor, Dr. Habil Khorakiwala, is the Chairman of Wockhardt Ltd. Meetings of Board of Management, Academic Council and Finance Committee are regularly held. IQAC is fully functional and the IQAC Committee has representation from various stakeholders including industry.

INNOVATIONS AND BEST PRACTICES

Jamia Hamdard has introduced several innovative and best practices in its management, curriculum and delivery. It is one the first Universities in Delhi, which successfully adopted 'water harvesting' practices on the campus. The practice immensely helped in re-charging the water table of the Jamia Hamdard. Jamia Hamdard got First Prize in Delhi for this initiative in the year 2007. Jamia Hamdard has an active Eco Club and Environmental Quality Cell. A number of buildings are fitted with solar panels. Massive tree-plantation campaign has been undertaken. Further, under the aegis of **Swachh Bharat Abhiyan**, Jamia Hamdard undertook cleaning drive inside and outside of the campus and a green belt was created from gate no. 1 to gate no. 3 and beyond. Jamia Hamdard maintains a '**Herbal Garden**' with about **80 medicinal plant varieties**. Faculty of Nursing has successfully established a Skill Lab for Skill Development Programme with the name "Daksh" in collaboration with Ministry of Health and Family Welfare and Liverpool School of Tropical Medicine, UK, to impart training to the trainers in the field of nursing and midwifery.

Short and Long-Term Development Plans

- One of the most imminent plans of the university is to upgrade its current academic and research activities with major focus on healthcare education.
- Intensification of Patenting and Technology Transfer activities.
- Establishment of a Faculty Development Centre.
- Setting up of business incubation/start-up centres in the Jamia Hamdard in the field of Pharmacy and Biotechnology Interdisciplinary sciences.
- Development of an on campus working industry model in the field of Engineering and Information Technology.
- Hiring international faculty and initiate faculty exchange programmes..
- Super-specializations in healthcare education
- Creating a framework for knowledge management
- Setting up of another off-campus in the states of Kashmir / Uttar Pradesh/ Bihar with prior approval of the UGC/MHRD.
- Setting up an off-shore campus
- Setting up of a Skill Development Centre in the field of Pharmacy, Nursing and information technology.
- Establishing new faculties relevant to the need of the society such 5 year integrated professional courses in Teachers Training, Law, Journalism and Coaching for various services.

Strength, Weakness, Opportunities, and Challenges (SWOC)

Strength

- Higher ranking at national level and adequate recognition in the niche areas of health education.
- Focussed academic programmes.
- Job-oriented professional academic programmes.
- Highly qualified and experienced faculty.
- Research oriented faculty.
- Well-equipped research laboratories.
- Research administration set-up.
- Emphasis on total quality concepts.

- Total adherence to ethical and regulatory norms.
- Diversity of students and faculty.
- A successful public private partnership (PPP) model.
- Ambitious futuristic expansion plans vis-a vis academics, Research, Human Resource and Infrastructure.

Weakness

- Limited hostel facility for boys.
- Inadequate endowment funds.
- Lack of international faculty (due to high cost constraints)
- Limitation of student intake due to regulatory restrictions.

Opportunities

- Reputation in industry and recognition of Jamia Hamdard as a hub for industrial human resources
- Well-placed alumni community.
- Focus on research.
- IP and technology transfer opportunities.
- On-campus industry managed R&D and training Centres.
- Credit transfer and Choice Based Credit System (CBCS)

Challenges

- Sustaining and improving our rankings to still higher levels.
- Increasing financial resources for research activities.
- Maintenance of research infrastructure (laboratories and equipment).
- Attracting faculty at senior level to take-up leadership role.
- Creation of intellectual property (IP) its transfer and product development.
- Positioning Unani medicine on global scene.

Post – accreditation Initiatives

- Major upgradation of the following Departments which were highlighted by the Peer-team in its last visit.
 - a). Department of Chemistry
 - i) Recruitment of faculty

- ii) Complete end to end creation of new premises of the Department equipped with state of art teaching and research facilities.

b). Department of Management

- i) Recruitment of faculty
 - ii) Complete end to end creation of new premises of the Department with adequate classrooms, faculty offices and research scholar's rooms.
- Allocation of funds for 'Research' and institution of research fellowships at doctoral and post-doctoral levels.
 - Institution of 'Hamdard Centenary Fellowships for Post-doctoral Research at global level.
 - Creation of Smart Class Room Cluster with 17 classrooms fitted with state-of-art teaching and presentation tools in the Central Library Building to induce active and interactive learning.
 - Activation of alumni activities.

C. Profile of the University

C. PROFILE OF THE UNIVERSITY

1. Name and Address of the Institution

Name		Jamia Hamdard (Hamdard University)			
Address		Hamdard Nagar New Delhi			
City	New Delhi	PIN	110062	State	Delhi
Web site		http://jamiahamdard.edu/			

2. For Communication

Designation	Name	Communication detail	
Vice Chancellor	Prof. (Dr.) Sayed Ehtesham Hasnain	Tel. (office)	011 – 26059662
		Tel. (res.)	011- 26581377
		Mobile Tel No.	08826377466
		E-mail address	vc@jamiahamdard.ac.in
Registrar	Prof. Ehsan A Khan	Tel. (office)	011 - 26059664
		Tel. (res.)	011 - 26059665
		Mobile Tel No.	09810311707
		E-mail address	eakhan@jamiahamdard.ac.in
Steering Committee/IQAC Director	Prof. S. Raisuddin, Director, IQAC	Tel. (office)	011 – 26059688 Ext. 5478
		Tel. (res.)	011 – 26055103
		Mobile Tel No.	09810370351
		E-mail address	sraisuddin@jamiahamdard.ac.in

3. Status of the University

Deemed to be University Under Section 3 of UGC Act 1956.

4. Type of University

Unitary

5. Source of Funding

Government-aid and Self-financing

6. a. Date of Establishment of the University :(dd/mm/yyyy)

10/05/1989

b. Prior to the Establishment of the University, it was a/an

i.	PG Centre	Yes		No	√
ii.	Affiliated College	Yes	√	No	
iii.	Constituent College	Yes		No	√
iv.	Autonomous College	Yes		No	√
v.	Any other (Autonomous Research Centres)	Yes	√	No	

Yes, the details of the establishment of the affiliated colleges are:

The following Colleges were affiliated to Delhi University prior to their amalgamation with Jamia Hamdard.

a. Hamdard Tibbi College – Established in 1965

b. Hamdard College of Pharmacy – Established in 1973

7. Date of recognition as a University by UGC or any Other National Agency

Agency	Recognition	Date
University Grants Commission (UGC), Ministry of Human Resource Development	<ul style="list-style-type: none"> Deemed to be University under Section 3 of UGC Act 1956 Approval for Off-campus at Kannur, Kerala. 	<p>a. Declared as Deemed-to-be University under Section 3 of the UGC Act, 1956 vide Notification No. F. 9-18 /85-U. 3 dated 10.5.1989 of the Government of India (Copy of notification enclosed as <u>Annexure – D.</u>)</p> <p>b. Approval of Off-campus by the Ministry of Human Resource Development</p>

		(Department of Education) vide F. 10-3/2013-U.3(A) dated 18.10.2013 (Copy of notification enclosed as <u>Annexure – II</u>)
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8. Has the University been Recognized?

a. By UGC as a University with Potential for Excellence?

Yes No

If yes, date of recognition:.....(dd/mm/yyyy)

b. For its performance by any other governmental agency?

Yes No

If yes, name of the agency and date of recognition: (dd/mm/yyyy)

Jamia Hamdard has been selected for DST-PURSE (Promotion of University Research in Science and Engineering) on 23/08/2016.

9. Does the University have Off-campus Centres?

Yes No

If yes, date of establishment: (dd/mm/yyyy) date of recognition: (dd/mm/yyyy)

- An off-campus is located at Kannur (Kerala).
- Date of establishment: 18/10/2013.
- Date of recognition by MHRD: 18/10/2013.

10. Does the University Have Off-shore Campuses?

Yes No

If yes, date of establishment:..... (dd/mm/yyyy)

Date of recognition:.....(dd/mm/yyyy)

11. Location of the Campus and Area

Campus	Location	Campus area in acres	Built up area in sq. mts.
New Delhi Campus	Hamdard Nagar, New Delhi (South)	91.6	1,27,534.94
Off-campus at Kannur (Kerala)	Kannur (Kerala)	1.5	3000 (approx.)

12. Provide Information on the Following

(in case of multi-campus University please provide campus-wise information)

	Facility	Yes/No	Detail
i.	Auditorium/seminar complex with infrastructural facilities	Yes	Auditorium – 05 Seminar Hall - 08
ii.	Sports facilities		
	a. Playground	Yes	Basketball court -1 Volleyball court -1 Badminton court -2 TT table – 2 Football ground - 1
	b. Swimming pool	No	
	c. Gymnasium	Yes	1
	d. Any other/Stadium with flood lights	Yes	1 with flood lights.
iii.	Hostels		
	a. Boys hostel	Yes	No. of hostels: 2 No. of inmates: 361
	b. Girls hostel	Yes	No. of hostels: 4 No. of inmates: 959
	c. Scholars hostel	Yes	10 rooms
	d. Working women's hostel	Yes	
	e. Guest house	Yes	Double bed room – 12 Single bed room – 27 Dining hall - 2
iv.	Residential facilities for faculty and non-teaching staff	Yes	Quarters for teachers – 53 Quarters for non-teaching staff - 157

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v.	Healthcare facilities		
	a. Outpatient	Yes	
	b. In-patient	Yes	
	c. Ambulance	Yes	
	d. Emergency	Yes	
	e. Physiotherapy centre	Yes	
vi.	Facilities like Bank, ATM, Post Office, Book Shop etc.	Yes	Banks – 2 ATM -2 Post Office - 1
vii.	Transport facilities to cater to the needs of the students and staff	Yes	
viii.	Facilities for persons with disabilities	Yes	Ramps in all hostels. Sepcial wash room.
ix.	Animal house	Yes	Aninmal House is approved by CPCSEA.
x.	Incinerator for laboratories	Yes	
xi.	Powerhouse	Yes	
xii.	Generator sets	Yes	4
xiii.	Waste management	Yes	Effluent treatment plant.
xiv.	Wi-fi connectivity	Yes	Whole campus

13. Number of Institutions Affiliated to the University

None

Type of college	Total	Permanent	Temporary
NA	NA	NA	NA

14. Does the University Act Provide for Conferment of Autonomy (as recognized by the UGC) to its Affiliated Institutions? If Yes, Give the Number of Autonomous Colleges under the Jurisdiction of the University.

Yes No Number

Not applicable in case of Deemed University.

15. Furnish the Following Information:

	Particular	Number	No. of students
a.	University Departments		
	• Undergraduate	19	3137
	• Post-graduate	28	1327
	• Research Centre on the campus	3	Only R&D centres
b.	Constituent colleges	NA	
c.	Affiliated colleges	NA	
d.	Colleges under 2(f)	NA	
e.	Colleges under 2(f) and 12B	NA	
f.	NAAC accredited colleges	NA	
g.	Colleges with Potential for Excellence (UGC)	NA	
h.	Autonomous colleges	NA	
i.	Colleges with Postgraduate Departments	NA	
j.	Colleges with Research Departments	NA	
k.	University recognized Research Institutes/Centres	NA	

16. Does the University Conform to the Specification of Degrees as Enlisted by the UGC?

Yes No

17. Academic Programmes Offered by the University Departments at Present under the Following Categories: (Enclose the list of academic programmes offered).

Programmes	Number (List enclosed as <u>Annexure – III</u>)
UG	20
PG	42
Integrated Masters	-
M.Phil.	1

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PhD.	30
Integrated PhD.	-
Certificate	2
Diploma	8
PG Diploma	1
Any other (please specify)	1 (Pre-tib)

18. Number of Working Days During the Last Academic Year

247 Days

19. Number of Teaching Days During the Past Five Academic Years

(‘Teaching days’ means days on which classes were engaged. Examination days are not to be included)

2010-11	2011-12	2012-13	2013-14	2014-15
186	187	188	191	183

20. Does the University have a Department of Teacher Education?

Yes No

If yes,

a. Year of establishment.....(dd/mm/yyyy)

b. NCTE recognition details (if applicable) Notification

No.:Date:(dd/mm/yyyy)

c. Is the department opting for assessment and accreditation separately?

Yes No

21. Does the University have a Teaching Department of Physical Education?

Yes No

If yes,

a. Year of establishment.....(dd/mm/yyyy)

b. NCTE recognition details (if applicable)

Notification No.:.....Date:.....(dd/mm/yyyy)

c. Is the department opting for assessment and accreditation separately?

Yes No

22. In the case of Private and Deemed Universities, please Indicate whether Professional Programmes are being Offered?

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Yes No

If yes, please enclose approval/recognition details issued by the statutory bodies governing the programme.

Yes. (Copies enclosed as **Annexure - IV**)

23. Has the University been Reviewed by any Regulatory Authority? If so, Furnish a Copy of the Report and Action Taken thereupon.

Yes. (Copy enclosed as **Annexure – V**)

24. Number of Positions in the University (as on December 31, 2015)

Positions	Teaching staff				Non-teaching staff	Technical staff
	Professor	Associate Professor	Assistant Professor	Others		
Sanctioned by the UGC/ University/ State Government	41	52	68		Group A – 149; Group B- 247; Group C- 543	Library staff Group A- 04; Group B- 10 Group - 31
Number of persons working on contract basis	8	2	81			

25. Qualifications of the Teaching Staff

Highest Qualification	Professor		Associate Professor		Assistant Professor/ Lecturer/ Tutor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt./M.Ch.	02	-	-	-	-	-	02
PhD.	17	02	12	09	30	27	97

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M.Phil.	-	-	-	01	-	01	02
PG	13	07	14	16	35	56	141
Temporary teachers							
PhD.	03	-	01	-	03	02	09
M.Phil.	-	-	-	-	-	-	-
PG	03	02	01	-	33	43	82
Part-time teachers							
PhD.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	-	-	-
Faculty	% of faculty from the same university	% of faculty from other universities within the State	% of faculty from universities outside the State	% of faculty from other countries			
Professor	-	70	30	-			
Associate Professor	-	43	57	-			
Assistant Professors	20.8	37.6	41.6	-			

26. Emeritus, Adjunct and Visiting Professors

	Emeritus Professor	Adjunct Professor	Visiting Professor
Number	1	06	05

27. Chairs Instituted by the University

	Chairs
School/Department	Nil

28. Students Enrolled in the University Departments During the Current academic year with the Following Details

Programme	Strength in current academic year	Average of last four years	Percent change
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PG Courses	1327	1322.50	+0.33
UG Courses	3137	2602	+20.56
Diploma Courses*	341	348	- 2.01

* Some diploma courses have been upgraded to UG courses in the same discipline. Base year- 2015-16.

29. 'Unitcost' of Education (in lakhs of Rupees)

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

b. Including the salary component: Rs. 1,44,826.00

a. Excluding the salary component: Rs. 67,417.00

30. Academic Staff College

Yes No

31. Does the University Offer Distance Education Programmes (DEP)?

Yes No

If yes, indicate the number of programmes offered: 10 (UG -2; PG -8)

Are they recognized by the Distance Education Council? Yes

32. Does the University have a Provision for External Registration of Students?

Yes No

If yes, how many students avail of this provision annually?

33. Is the University Applying for Accreditation or Re-Assessment? If Accreditation, Name the Cycle

Cycle 1 Cycle 2 Cycle 3 Cycle 4 Re-assessment

34. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and Reassessment Only)

Accreditation cycle	Date of accreditation	Grade/CGPA
Cycle 1	2003	A
Cycle 2	2011	A/3.08

35. Does the University Provide the list of Accredited Institutions under its Jurisdiction on its Website? Provide details of the Number of Accredited Affiliated/Constituent/Autonomous Colleges under the University.

Not Applicable

36. Date of Establishment of Internal Quality Assurance Cell (IQAC) and Dates of Submission of Annual Quality Assurance Reports (AQAR)

Date of establishment of IQAC: 07/12/2011.

Date of submission of AQAR: University has submitted 5 AQAR as per the following detail to NAAC on 14/09/2016 and the same have been uploaded on the University web site.

- a. 2010-11
- b. 2011-12
- c. 2012-13
- d. 2013-14
- e. 2014-15

Acknowledgement has been received from the NAAC. (**Annexure – VI**). All the five AQARs have been uploaded on the University web site at <http://jamiahamdard.edu/aqar/>.

37. Any other Relevant Data the University would like to Include (not exceeding one page).

- Ranking by different agencies including NIRF.
- Compared to other Universities of the same or bigger size Jamia Hamdard has high H-index and citation index.
- National Science Day is celebrated every year on February 28 by organizing popular science lecture and felicitating research scholars and faculty who have made mark in the field of research such as publication in high impact factor journals and publication with high citation index.
- Jamia Hamdard is a successful PPP (Public-Private-Partnership) model where stakes of private partners are limited to funding with minimum or no involvement in day to day functioning of the University.
- Hand-holding with UGC (Jamia Hamdard in one of the few Deemed to be Universities receiving maintenance grant and plan grant from the UGC).
- HNF agreement (Rupee to Rupee for developmental projects).

D. CRITERIA - WISE ANALYTICAL REPORT

CRITERIA I: CURRICULAR ASPECTS

1.1. Curriculum Design and Development

1.1.1. How is the institutional vision and mission reflected in the academic programmes of the university?

The founder of the University, Hakeem Abdul Hameed Saheb had a keen desire to establish a University which could take care of the educational needs of the community, especially in areas of science and technology. His dream came true when the institutions established by him at Hamdard Nagar were amalgamated into Jamia Hamdard which was notified as an ‘Institution Deemed-to-be-University’ under Section 3 of UGC Act 1956 vide a notification of Ministry of HRD, F. 9-18 / 85-U. 3 dated 10.5.1989, Govt. of India. The University has been accredited by, National Assessment and Accreditation Council (NAAC) in Grade ‘A’ in 2003 and re-accredited (Grade ‘A’) in 2011. It has been given the status of minority institution under Article 30 (1) of the Constitution of India with Section 2(G) of the National Commission for Minority Educational Institution (NCMEI) Act.

Also, in exercise to the powers conferred by Section 3 of University Grants Commission (UGC) Act 1956, the Central Government, on the advice of UGC, declared that Jamia Hamdard, Kannur, Kerela shall be a constituent teaching unit under the ambit of Jamia Hamdard, Institution Deemed-to-be-University, New Delhi, as an off-campus centre [vide a notification No. F.10-3/2013-U.3(A)].

As a mark of tribute and thanks to the Almighty Allah, for bestowing His guiding spirit to its founder and his associates, Jamia Hamdard adopted a seal inscribed with the following holy verse (ayat) from the holy Quran:

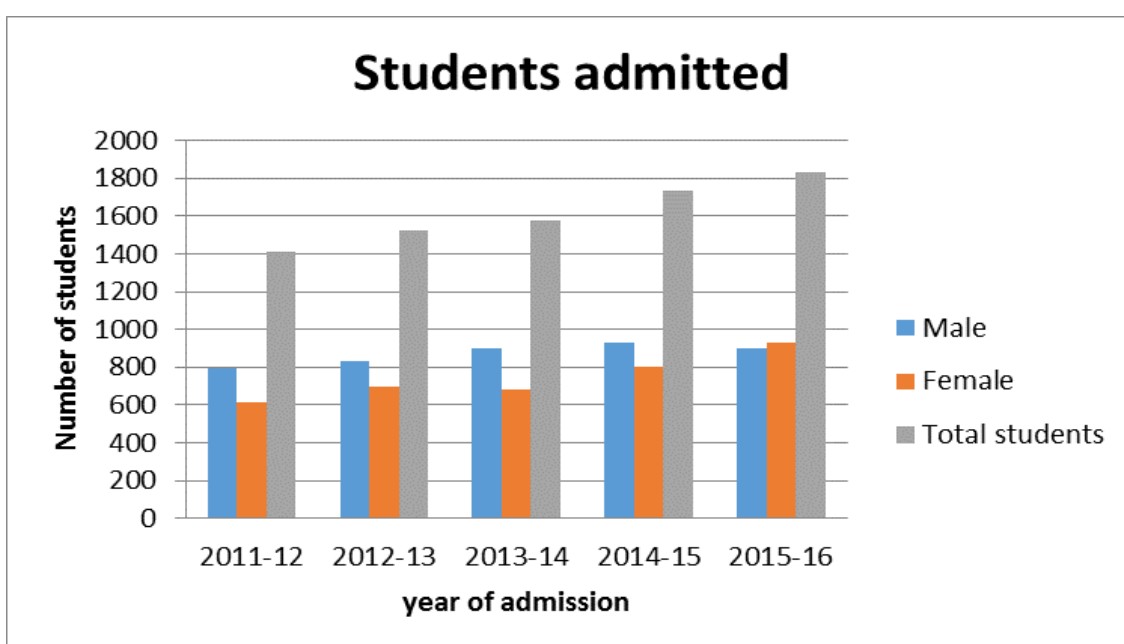
وَيُعَلِّمُهُمُ الْكِتَابَ وَالْحِكْمَةَ

“He (the Prophet, May peace be upon him) instructs them in the book and its wisdom”

Ever since the inception of Jamia Hamdard, this holy verse (ayat) has been a source of inspiration and guidance for all those associated with its academic and administrative governance-

To fulfill its aims and objectives various faculties have been established to teach courses as at undergraduate, post-graduate and doctoral level in the areas of Medicine, Nursing, Pharmacy, Science, Management, Computer Science and Information & Food Technology and Social Sciences. The inventory of these courses is given in the section 1.2.1.

The University is open to persons of either sex of different religions, race, creed, cast, class, community or social status and has been an autonomous institution for more than 25 years. The following bar chart highlights the trend of increase in annual number of total students admitted as well as increase in number of female enrolments. The distinctive feature is over 50% female students enrolment achieved last year.



In a short span of its existence, Jamia Hamdard has been able to create a niche for itself in the field of high quality higher education. This has become all the more important at a time when mushrooming of so-called institutions of higher learning in the country has adversely affected the quality of higher education. Jamia Hamdard has been able to consistently produce young professionals in the fields of Pharmacy, Allied Health Science, Nursing, Unani Medicine, Information Technology, Management and Applied and Basic Sciences.

Jamia Hamdard possesses an excellent bench to bedside setup where faculties of Science and Pharmacy are actively involved in research with clinical orientation such as herbal drug formulations, drug delivery systems, identification of drug targets, etc. In a **report by Thomson Reuters on India's Research Output and Collaboration (2005-14)**: A

Bibliometric Study (Phase-II) under National Science and Technology Management Information System (NBTMIS), Department of Science and Technology (DST), Ministry of Science and Technology, Government of India, New Delhi, August 2015, **Jamia Hamdard is ranked 31st out of top 50 Indian national research institutions** ranked by betweenness centrality (2005-2014). In the same Bibliometric Study under DST, **Jamia Hamdard is one among top 50 prolific institutions** (Research institutions and Universities) during 2005-2014 wherein total number of papers and citations have been taken into account (contributors in this context were two faculties of Jamia Hamdard i.e. Pharmacy and Science). Jamia Hamdard is also one among the list of Indian national research institutions included in the collaboration network analysis. According to BioSpectrum Biotechnology School Survey, the Department of Biotechnology, Jamia Hamdard secured 4th position in the year 2013, in 2012 secured 10th position and in 2011 secured 5th position. Jamia Hamdard was also ranked as the 26th University in India and 1307th in world ranking 2014-15 (University Ranking by Academic Performance, URAP).

Faculty of Pharmacy, Jamia Hamdard is among India's best Pharmacy colleges and secured 2nd ranking in 2015 by CAREERS 360. In NIRF ranking 2016 & 2017 Pharmacy was ranked 3rd and 1st respectively.

The faculties of Nursing, Unani Medicine and Hamdard Institute of Medical Science and Research (HIMSR) provide state of the art facilities for the prevention and treatment of various diseases through Modern and Indian system of medicine.

The University is striving hard to become center of excellence in higher education sector. Over the years, keeping in view of our nation's dire need of achieving technological advancement, the University has taken giant leaps in this regard by expanding itself in the fields of Clinical Research, Pharmaceutical Medicine, Management, Computer Science and Information Technology.

The faculty members and students in HIMSR, Faculties of Nursing, Unani Medicine, Pharmacy and Allied Health Science consistently involve themselves in providing service to the downtrodden strata of the society in the form of Pulse Polio Programme, Health Awareness Camps and Community Development Programmes and free access to OPD and IPD facilities and very affordable Diagnostic and surgical interventions.

The University and its staff members, time and again, shown extraordinary graciousness and sense of belongingness towards helping people who are in dire straits, for example, at the times of devastating natural disasters.

1.1.2. Does the university follow a systematic process in the design and development of the curriculum? If yes, give details of the process (need assessment, feed - back, etc.).

At Jamia Hamdard, curriculum development is a continuous process involving modification and improvement of curricula keeping in view, the factors including national needs, innovations, employability, research and industrial demands related to the relevance of the course. The university follows a detailed and systematic procedure for designing different curricula. The process involves formal and informal meetings and discussions as shown in the following flowchart.

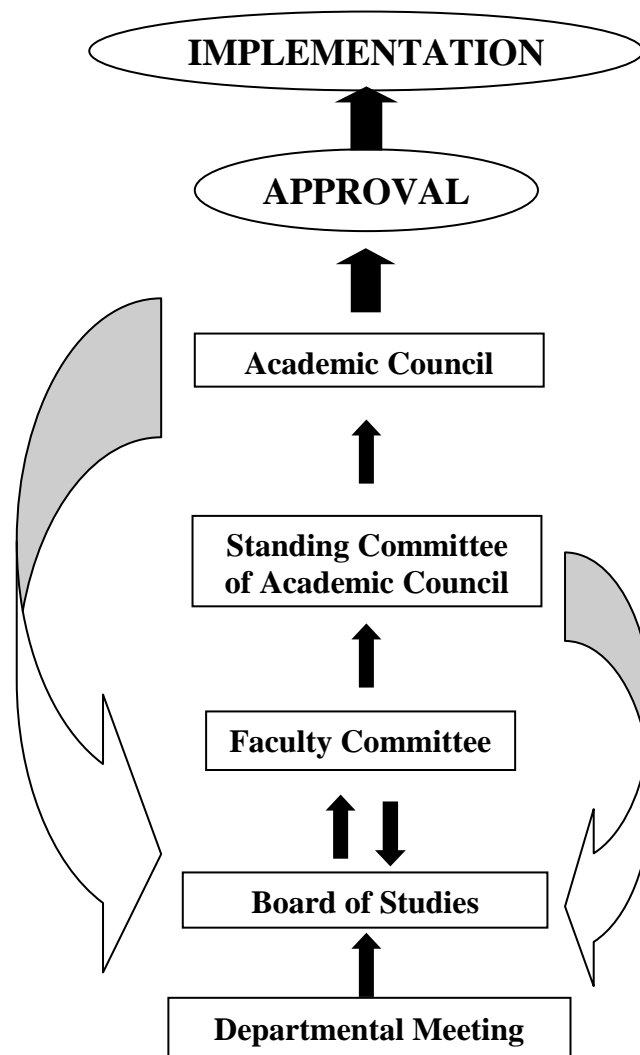


Figure: Process of designing and developing the curriculum

Department meeting

The process starts with series of informal discussion among teachers about the curriculum regarding its feasibility, scope, market value, and job prospects. The feedback is taken from various stakeholders including the students and their parents, alumni, scientists and academicians from reputed institutes, and the industry to make the draft proposal.

Board of Studies (BoS) meeting

The department meeting is followed by the formal BoS meeting which comprises of faculty members, senior faculty from related discipline, and external experts. The views of external experts are given serious consideration and the changes, if required, are made. Once the consensus is reached and the curriculum is finalized, the proposal is then compiled and forwarded to the Dean to take it up in the Faculty committee meeting.

Faculty Committee

The faculty committee is chaired by the respective Dean and is comprised of Dean, HoDs, senior faculty members and external experts. The proposed curriculum is again discussed and the decision is made on the basis of comments from different members. If the Faculty committee clears the proposal, it is then forwarded for approval to Academic council or Standing committee to the academic council. However, Faculty committee also holds the power to send back the proposal for modifications, if it is not found up to the mark.

Standing Committee of Academic Council

It is the committee at the university level, being chaired by the Vice Chancellor and comprised of senior most faculty members of the university, including Deans, HoDs, Provost, Proctor, as well as academically elite external members. At this level, the proposal may be out rightly cleared, rejected or sent back for improvement/ modifications.

Academic Council

It is the highest academic body at the university level that is comprised of the members of standing committee and many additional elite members. The clearance from Academic council is final step in the implementation of the proposed curriculum.

Once cleared from all these stages, the proposal becomes eligible for implementation.

The same procedure is followed for designing the curriculum for a course that is proposed by the governing body or council.

Most of the curricula are governed by various councils as shown in the following table.

Course	Name of the Council	Last visit/ Approval
MBBS	Medical Council of India (MCI)	25-02-2016
Pharmacy	Pharmacy Council of India (PCI) All India Council for Technical Education(AICTE), Last approval updated on website	16-12-2015 & 17-12-2015 29-01-2015
Nursing	Indian Nursing Council (INC) Delhi Nursing Council (DNC) Validity renewal of course (last approval as on website)	01-04-2013 & 02-04-2013 24-11-2014 & 24-11-2014 2015-2016
Management	All India Council for Technical Education (AICTE), Last approval updated on website Fresh documents uploaded on website for approval	2014-2015 27-02-2016
Unani Medicine	Central Council of Indian Medicine (CCIM)	24-02-2016
Rehabilitation Science	Rehabilitation Council of India and Delhi Council (RCI) and Delhi Council of Physiotherapy (DCP) and Delhi Council of Occupational Therapy (DCOP)	Session 2015-16

1.1.3. How are the following aspects ensured through curriculum design and development?

Employability:

- Most of the courses being run at Jamia Hamdard are professional courses and hence, are job oriented.
- The University is running various other innovative programs as well, such as Diploma in Dialysis techniques, Diploma in X-ray, etc. and several inter-disciplinary courses are in pipeline.

- There is routine removal of obsolete topics in the curriculum that are replaced by the contents based on the needs of the learners and the employers.
- Current topics and related issues are incorporated in the syllabi. For instance, the concept of ‘regulatory toxicology’ has been incorporated in the syllabus of MSc Toxicology.
- The laboratory equipment is routinely replaced by the latest one in order to keep the learners to remain aware of advancements in the respective fields. Latest equipment such as LCMS, 400 MHz NMR, UPLC, and Confocal Microscope have been installed and are in use currently. Postgraduate and Doctoral students have open access to state-of-the-art Flow-cytometry infrastructure installed at the JH-BD flow-cytometry academy set up in the science faculty building at JH. Similarly Diploma, undergraduate and post-graduate students of para-medical courses have free access and guided demonstrations to state-of-the-art imaging infrastructure like MRI, CT, Ultrasonic and digital imaging equipment.
- The University has been running several job-oriented courses keeping in view of the employability opportunity in various industries, R & D laboratories and academic research institutes. Most of the students in these courses have industrial training and dissertation as part of their courses. For example, M. Tech. Food Technology students are getting decent jobs in food and related industry, students doing M. Pharm. are getting absorbed in pharmaceutical companies in India and abroad, and the PhD pass outs from Science and Pharmacy faculties are getting good offers from Indian companies and post-doctoral programs in USA and Europe.
- Most of the programmes offered are designed keeping in view of the emerging fields and needs of the employment opportunity. Several Diploma courses and UG courses are being offered in para-medical sciences. In addition specializations in management courses are also being offered. A good number of post-graduate, and PhD. students are employed and doing research in premier national Institutes such as AIIMS, DRDO (INMAS, DIPAS), DBT (NBRC, THSTI, ICGEB, NIPGER), CSIR (CDRI, IITR, IIIM, CDFD, CCMB, IGIB) and ICAR (IARI, NBPGR) laboratories and in foreign laboratories as well. Students are placed in various industries/firms/sectors soon after completion of their under-graduation and Post-graduation in professional courses in pharmacy, nursing, paramedical, rehabilitation, natural sciences, management and IT.
- In addition, university is also running several job oriented distance learning courses.

Innovation:

- Several innovative initiatives have been taken by the university. For example:
 - Introduction of Foundation course at PG level in Natural Science, which allows the students of different branches to take on the basic concepts of other allied subjects. e.g. an MSc Biochemistry student has to study the basic concepts of Chemistry, Botany, Toxicology, etc. and vice versa.
 - With the same objective, Foundation course has been incorporated in the curricula of B.Pharm, M.Tech, Food Technology and Rehabilitation Sciences.
- Another example of innovative approach is the PhD programme of the Faculty of interdisciplinary Sciences and Technology (FIST) where Masters' students from different science and pharmacy streams may join under more than one supervisors from distinct areas, hence providing a multidisciplinary pursuit approach of research and development.
- JH-BD FACS academy, a joint venture of Jamia Hamdard and B.D. Biosciences, offers short-term training and diploma certificate. It also provides specified machine time and training to research scholars.
- A creative learning approach is adopted by conducting tutorials, projects, field visits etc. to make the students adapt themselves in the curriculum (details given in Evaluative Reports of various departments).

Research:

- Research has always been a top priority at Jamia Hamdard. The university has state-of-the-art instruments facility and laboratory facility at various faculties of university. Central Instrumentation Facilities /Departmental Instrumentation Facilities are also established at faculty and departmental level.
- Research interest is developed in students by designing the syllabi at different levels in such a manner that the students develop interest in research and are able to identify their research areas at an early phase of their education. To enhance the research aptitude, the research students, in their course work, are given a compulsory 'Research methodology' paper, along with two optional papers (one discipline centric and one open elective each).

- Short term projects, dissertation/thesis work is a part of the curriculum to generate and maintain the research interest among the students.
- Students present published research papers and reviews individually in the Seminar as a part of curriculum so that they learn how to take up any research work in future. This also develops a confidence in reading and understanding the scientific experiments.
- Besides this, to give exposure to various advancements in research techniques and methodology, the students are encouraged to take up summer training projects in Industry and Laboratories of national repute.
- The university routinely organizes expert lectures by eminent scientists of National and International repute to give an exposure to students to the emerging research areas.
- Both individual and group projects are assigned to students to develop capability of doing independent work as well as to work in a team.
- Field trips/educational tours to relevant research laboratories and industry are routinely organized.

1.1.4. To what extent does the university use the guidelines of the regulatory bodies for developing and/or restructuring the curricula? Has the university been instrumental in leading any curricular reform which has created a national impact?

Jamia Hamdard strictly adheres to various guidelines laid down by the respective regulatory bodies such as, UGC, MCI, INC, PCI, RCI, CCIM, AICTE etc., in different disciplines. Further, only a few courses at JH are not observing the semester system only to follow the guidelines of the respective governing councils like MCI, INC, CCIM.

M.Pharm. Pharmacy practice and MSc Clinical research are the examples of JH curricula expected to have a national impact. MSc Clinical research is unique in the sense that it caters from graduates from various science disciplines including MBBS, BUMS and B. Pharm. In addition, **Daichi** (Japan) and JH have created a fellowship for Masters students to work on short-term (1 semester) research project.

These university curricula have been set as the models for development of curricula by upcoming colleges and institutes.

1.1.5. Does the university interact with industry, research bodies and the civil society in the curriculum revision process? If so, how has the university benefitted through interactions with the stakeholders?

There is routine interaction of industry and Jamia Hamdard in different capacities.

- Experts from industry, academic and research bodies participate in curriculum development process as co-opted members of various university committees like BoS, Doctoral, Animal ethics, and Biosafety committees, and Environmental quality cell (EQC). **Few to name them as Dr. Virendra Kumar Tiwari, Head, Toxicology Division, Dabur Research foundation, Ghaziabad, Dr. Arshad Khuroo, Director, Sun Pharma Laboratories, Gurgaon and Dr. C. K. Katyar, Research Director, Dabur foundation, Ghaziabad, Prof. Abhimanyu Acharya, AA Associates, Prof. Neeraja Sood, IGNOU, Prof. P.P. Sharma, National Institute of TB and Chest Diseases, Prof. Sita Naik, Apollo Hospitals Educational & Research Foundation, Dr. Ian Cliff, Daiichi Sankyo.**
- Experts from various academic/research institutes and corporate sector are also invited for lectures to enhance the interaction.
- The alumni are encouraged to interact, keep their views, and also to provide feedback about curricula.
- Many academic, sports, and cultural activities and events are organized with the tie-up with the industry.
- **There is R&D tie-up of Jamia Hamdard with B.D. laboratories, Hillman laboratories, Indo-Italian imaging center, Ranbaxy (now Sun-pharma), IPCA Pvt. Ltd. and Daichi Sankyo are examples.**
- The university is benefitted through interactions with the stakeholders by getting relevant inputs from them and moving forward for the upliftment of the existing courses. The collaboration with various stakeholders like ARBRO Labs, New Delhi, CDRI, Lucknow, DABUR Research Foundation, FORTIS Hospital, ICT, Hyderabad, INMAS, New Delhi,

MAX Healthcare, NCL, Pune, NII, New Delhi and HOLISTA CALTECH, Australia helps in the placement of students that pass out of various streams.

1.1.6. Give details of how the University facilitates the introduction of new programmes of studies in its affiliated colleges.

Not Applicable

1.1.7. Does the university encourage its colleges to provide additional skill-oriented programmes relevant to regional needs? Cite instances (not applicable for unitary universities).

Not Applicable

1.2. Academic Flexibility

1.2.1. Furnish the inventory for the following:

Programmes offered on campus: Following is the list of the programmes offered by Jamia Hamdard in the academic session 2015-16:

Programme	No. of Programme	Name of Programme
UG	20	MBBS
		BOT
		BPT
		BSc MLT
		BSc Emergency & Trauma Care Technology
		BSc Optometry
		BSc Medical Imaging Technology
		BSc Operation Theater Techniques
		BSc Medical Record & Health Information Mgt.
		BSc in Cardiology Lab Techniques
		BSc Dialysis Techniques
		B.Tech (Computer Science & Engineering)
		B.Tech (ECE)
		BCA/BSc(IT)

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		BUMS Gen. & (SFS)
		Post-Basic B. Sc. Nursing
		BSc Nursing (Hons.) General & SFS
		B Pharm (Regular & SFS)
		BA (Hons.) Islamic Studies
		BBA Regular
PG	42	M. Sc. Medical Microbiology
		M. Sc. Medical Physiology
		M. Sc. Medical Biochemistry
		MOT (Musculokeletal)
		MOT (Paediatrics)
		MPT (Cardio –Pulmonary)
		MPT (Neurology)
		MPT (Musculokeletal)
		MPT (Sports Medicine)
		MA Islamic Studies
		MA Human Rights
		MBA (General)
		MBA (Health, and Hospital Management)
		MBA (Pharmaceutical Management)
		MCA
		M.Tech. (Computer Science Engineering) Part-Time Programme
		M.Tech. Bio-informatics (MTB)
		M.Tech. (ISCF)
		M.Tech. Computer Science & Engineering
		MD Ilmu Advia (Pharmacology)
		MD Moalijat (Medicine)
		MD (TST)
		M.Sc.-Nursing (Obs. & Gynecology) (Gen. SFS)
		M.Sc.-Nursing (Psychiatric Nursing) (Gen. SFS)
		M.Sc.-Nursing (Community Health Nursing) (Gen.

		SFS)
		M.Sc.-Nursing (Medical Surgical Nursing) (Gen. SFS)
		M.Sc.-Nursing (Pediatric) (Gen. SFS)
		M. Pharm (Pharmaceutical. Chemistry)
		M. Pharm (Pharmaceutics)
		M. Pharm (Pharmacognosy & Phytochemistry)
		M. Pharm (Pharmacology)
		M. Pharm (Quality Assurance)
		M. Pharm (Pharmacy Practice)
		M. Pharm (Pharmaceutical. Biotechnology)
		M. Pharm (Pharmaceutical. Analysis)
		M.Sc. Biochemistry
		M.Sc. Botany
		M.Sc. Chemistry
		M.Sc. Biotechnology
		M.Sc. Toxicology
		M.Sc (Clinical Research)
		M.Tech. Food Technology (MFT)
PhD	30	Ph. D. (Medical Microbiology)
		Ph. D. (Medical Physiology)
		Ph. D. (Medical Biochemistry)
		Ph. D. (Pharmacology) Offer by HIMSR
		Ph. D. (Pathology)
		Ph. D. (Medicine)
		Ph. D. (Federal Studies)
		Ph. D. (Islamic Studies)
		Ph. D. (Management)
		Ph. D. (Health Management)
		Ph. D. (Pharm. Management)
		Ph. D. (Computer Science)
		Ph. D. (Computer Science & Engineering)

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		Ph. D. Nursing
		Ph. D. (Pharmaceutics)
		Ph. D. (Pharmacognosy & Phytochemistry)
		Ph. D. (Pharmaceutical Chemistry)
		Ph. D. (Pharmacology)
		Ph. D. (Pharmaceutical Medicine)
		Ph. D. (Pharmaceutics with Specialization In QA)
		Ph. D. (Pharmacognosy Phytochemistry with Specialization in Pharmaceutical Biotech.))
		Ph. D. (Pharmaceutical Chemistry with Specialization In Pharm. Analysis))
		Ph. D. (Pharmacology with Specialization In Pharm. Practice))
		Ph. D. (Biochemistry)
		Ph. D. (Biotechnology)
		Ph. D. (Chemistry)
		Ph. D. (Botany)
		Ph. D. (Toxicology)
		Ph. D. (Bioinformatics)
		Ph. D. (Chemoinformatics)
		Ph. D. (Food & Fermentation Technology)
M. Phil	01	M. Phil. Federal Studies
Diploma	08	D. Pharm (Regular)
		P.G. Diploma in Preventive Cardiology
		Diploma in X-Ray & ECG Techniques
		Diploma in Operation Theatre Techniques
		Diploma in Dialysis Techniques
		Diploma in Medical Record Techniques (DMRT)
		Diploma course in Persian Language (Part Time)
		DGNM
Certificate	02	Certificate Course in Persian Language (Part Time)

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		Certificate Course of Unani Dispenser
Pre-Tib	01	Pre-Tib
Total	104	
JH Off Campus Programmes (Kannur)		
UG	04	Bachelor of Business Administration (BBA)
		Bachelor of Computer Application (BCA)
		Bachelor of Commerce (B.Com.)
		Bachelor of Arts in English (BA English)
Overseas programmes offered on campus	Nil	-

Directorate of Open and Distance Learning Programmes		
UG	02	Bachelor of Computer Application (BCA)
		Bachelor of Business Administration (BBA)
PG Diploma	08	PG Diploma in Bioinformatics (PGDB)
		PG Diploma in Chemo-informatics (PGDC)
		PG Diploma in Pharmaceutical Regulatory Affairs (PGDPRA)
		PG Diploma in Environmental Monitoring and Impact Assessment (PGDEMIA)
		PG Diploma in Intellectual Property Right (PGDIPR)
		PG Diploma in Human Right (PGDHR)
		PG Diploma in Medical Record Techniques (PGDMRT)
		PG Diploma in Dietetics and Therapeutics Nutrition (PGDDTN)

Programmes available for colleges to choose from: Not Applicable.

1.2.2. Give details on the following provisions with reference to academic flexibility

Choice Based Credit System (CBCS) has been opted by many faculties like Faculty of Science, Faculty of Engineering and Technology and Faculty of Management and rest of the faculties follow council norms and will be implemented once respective councils will direct for adoption of CBCS.

a. Core options:

In the recently adopted Choice based credit system (CBCS), the core papers are marked which have to be undertaken for a particular course.

b. Elective Options:

Student has choice of opting elective courses offered by the department (Discipline-centric elective courses) or by other departments (Generic elective courses).

c. Enrichment courses:

English speaking course is offered to foreigners, those who are weak in English or are coming from non-English background and enrichment courses in different faculties.

d. Courses offered in modular form:

Nil

e. Credit accumulation and transfer facility:

In the CBCS scheme, there is a provision of credit transfer for elective courses opted from other faculties/ departments.

f. Lateral and vertical mobility within and across programmes, courses and disciplines:

Lateral entry is available in some courses such as in 3rd semester of BMLT, BDT, BETCT, BOPT, BMIT, BOTT, BCLT, BMR & HIM, and B. Pharma.

1.2.3. Does the university have an explicit policy and strategy for attracting international students?

Yes, the university has appointed a Foreign Students' Advisor (FSA) who takes care of the admission and stay related queries of foreign students and their wards.

Foreign Students' Advisor office provides assistance on following issues related to foreign students;

- It provides assistance to international students, scholars, and visiting faculty members with regard to formal orientation of the campus, advice and counsel for educational, social, and personal problems and dissemination of important and timely information through notices.
- Counseling with foreign students for their various needs like enquiry of courses and fee, guidelines of admission, infrastructure & other facilities at University/Campus etc. for new admissions & other related works. Issuing on line unique ID number for foreign students admitted in various courses at Jamia Hamdard for Registration in FRRO office.
- Communication with various departments/faculties, Govt. offices like ICCR, Ed.cil, Ministry of External Affairs and Ministry of Home Affairs for admission of students VISA & other day to day issues of students and their fee etc.
- Correspondence with various agencies of foreign countries for different activities like Conference/Seminar and interaction with concerned officials in this regard. Also (with the consent & approval of competent authorities of the University) spreading awareness of Jamia Hamdard programs of studies in various countries through Advertisements or Personal visits to exhibition/education fairs/ teaching institution.
- It has also remained a practice to socialize/familiarize the newly admitted students about the University / Departments and other academic/ extracurricular activities.
- Periodic meetings of foreign students are being organized at Convention Centre, Jamia Hamdard with the officers of the respective Embassies to discuss various issues related to academics/ examinations/ hostels/ fee/ discipline and other related areas. The concerned officers from various departments of the University are also invited to attend & address these meetings.
- In an effort to improve the relationships between Jamia Hamdard and various Embassies/Universities/Organizations, Foreign Students' Advisor office coordinates and manages the in signing of certain Agreements/MOUs between Jamia Hamdard, Universities/Government organizations, from other countries from time to time.

- FSA office in consultation with various Heads of Department/s & approval of competent authorities identifies certain faculty members (Academic Mentors), who are made responsible for coordination with foreign students in their respective faculties/ departments/ course/s to address to day to day problems/issues encountered by foreign students in the concerned departments/ faculties.

1.2.4. Have any courses been developed targeting international students? If so, how successful have they been? If ‘no’, explain the impediments.

- The University already has targeted courses such as, Communicative English, English Language Teaching, Islamic studies and Federal studies mainly attract the international students especially from South East Asia, Far East, West Asia, and Africa. The components of Islamic study course are prepared in such a way that they attract good number of foreign student from central and western Asia.
- **Financial Assistance for Meritorious students:** There is a provision of discount in fee for the meritorious foreign students from the Students' Aid Fund as per the University laid down criteria. The fee from SAARC country students including Afghanistan is charges as per fee structure of Indian students. OECD criteria of economic development is considered to give fee concession to students belonging to low economic growth.
- **Collaborations/MoUs:** FSA office has assisted in getting many MoUs signed with various universities and Govt. Institution/Embassies of different countries like Yemen, Iran, Saudi Arabia, Sudan, USA, Turkey and Malaysia, etc.
- **Total Number of foreign students enrolled between 2011 and 2015 is 768.**

The faculty wise and country wise breakups of the enrolment of foreign students (**as per the hardcopy provided by Foreign Student Advisor of Jamia Hamdard**) in different courses during the academic years 2011-12 to 2015-16 is presented in the following tables.

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Faculty wise breakup

Faculty	Course Name	Number of foreign students enrolled					
		2011-12	2012-13	2013-14	2014-15	2015-16	Total 2011-15
Faculty of Management and Information Technology	MBA (General)	08	06	06	03	08	331
	MBA (HM)	--	02	01	01	03	
	BBA	--	--	--	25	20	
	B.Sc. (I.T.)/B.C.A.	30	55	54	20	17	
	M.Sc. (C.S.)	16	11	03	05	--	
	M.C.A.	02	03	--	--	--	
	M.Tech. (Bioinformatics)	02	02	--	--	--	
	M.Tech. (ISCF)	--	--	--	01	02	
	B.Tech (I.T.)	04	06	05	--	--	
	B.Tech (CSE.)	02	04	01	02	01	
Faculty of Science	M.Sc. (Toxicology)	02	03	--	--	--	32
	M.Sc. (Biotechnology)	05	03	01	02	--	
	M.Sc. (Chemistry)	03	--	01	01	01	
	Ph. D. (Toxicology)	01	--	--	01	--	
	Ph. D. (Biotechnology)	01	01	--	02	01	
	Ph. D. (Biochemistry)	01	--	--	01	--	
	PhD. (Botany)	01	--	--	--	--	
Faculty of Pharmacy	B.Pharm	27	29	25	22	12	157
	M.Pharm (Pharmacology)	04	01	03	05	02	
	M.Pharm (Pharmacognosy & Phytochem.)	--	01	--	--	--	
	M.Pharm (Pharmaceutical Biotechnology)	--	--	01	--	--	

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	M.Pharm (Pharmaceutical Analysis)	--	--	01	--	01	
	M.Pharm (Pharmaceutics)	02	05	05	02	02	
	M.Pharm (Pharmaceutical Chemistry)	01	--	--	--	--	
	M.Pharm (Pharmacy Practice)	--	01	01	--	--	
	M.Pharm. (Quality Assurance)	--	--	--	02	01	
	PhD. (Pharmacy)	--	--	--	01	--	
Faculty of Allied Health Sciences (Now a part of HIMSR)	DOTT	01	--	--	--	--	52
	Diploma in DMR & HIM	--	--	--	--	01	
	Diploma in X-ray & ECG	--	--	--	--	01	
	BPT	04	--	--	03	--	
	BOT	02	--	--	--	--	
	BOTT	--	--	--	--	01	
	B.Sc. (MLT)	--	--	04	07	06	
	B.Sc. (MLT) II year (Lateral Entry)	03	--	--	--		
	B.Sc. (Optometry)	--	--	04	02	02	
	B.Sc. (MIT)	--	--	01	--	--	
	B.Sc. (Emergency & Trauma Care Techn.)	--	--	03	--	--	
MPT	01	02	02	02	--		
Faculty of Nursing	B. Sc. Nursing	13	06	06	08	06	65
	M.Sc. Nursing	02	--	04	--	02	
	DGNM	08	01	--	03	02	
	Post-Basic Nursing	--	--	--	04	--	

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Faculty of Islamic Studies & Soc. Sciences	M.A. (Human Rights)	03	05	08	04	07	49
	M.A. (Islamic Studies)	--	01	--	--	02	
	B.A. (Islamic Studies)	--	05	02	07	03	
	PhD. (Federal Studies)	--	01	--	--	01	
Faculty of Unani Medicine	BUMS	03	--	01	--	01	83
	Pre-Tibb	--	01	--	01	01	
	Certificate Course of Unani Dispenser	--	--	--	--	04	
	English Language Foundation course	--	--	21	24	26	
Total (Year wise)		148	158	164	161	138	768

Country wise breakup;

Name of Country	Number of foreign Students Enrolled					Total (Country wise)
	2011-12	2012-13	2013-14	2014-15	2015-16	
Afghanistan	13	30	66	47	42	198
Algeria	--	01	--	--	--	01
Bangladesh	06	01	--	--	--	07
Bhutan	01	04	06	02	01	14
Canada	--	--	--	--	01	01
China	--	--	02	--	02	04
Congo	07	02	03	02	02	16
Iran	24	21	13	09	02	69
Iraq	34	21	06	03	04	68
Ireland	--	--	--	--	01	01
Kazakhstan	--	01	--	--	--	01
Libya	--	--	02	05	01	08
Mongolia	--	--	--	--	01	01
Nepal	08	11	17	16	12	64
Nigeria	26	32	28	33	22	141
Pakistan	--	--	--	--	01	01
Palestine	01	01	--	--	--	02

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Saudi Arabia	06	23	08	08	11	56
Somalia	--	--	--	--	01	01
Sudan	05	01	02	01	04	13
Syria	--	--	--	01	01	02
Turkey	--	--	--	20	25	45
Tanzania	--	01	01	--	--	02
Tibet	16	04	07	12	04	43
Uganda	--	01	--	--	--	01
USA	--	01	--	--	--	01
Yemen	01	01	03	02	--	07
Total (Year wise)	148	157	164	161	138	2011-15 = 768

1.2.5. Does the university facilitate dual degree and twinning programmes? If yes, give details.

Few programs run in distance mode such as PG Diploma in Intellectual Property Rights and PG Diploma in Pharmaceutical Regulatory Affairs are open to the students seeking a regular degree from the university.

1.2.6. Does the university offer self-financing programmes? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programmes?

Faculty offers many self-financing programmes. The policies regarding admission, teacher qualification and salary are at par with the aided programmes. The fee structure, is however, different for SFS candidates.

Following is the faculty wise breakup of **SFS seats** (including NRI sponsored seats), wherever available, in different courses;

Hamdard Institute of Medical Sciences & Research (HIMSR)

S. No.	Programme	Total Seats	General Seats	SFS Seats
1	MBBS	100	-	100
3	M. Sc. Medical Microbiology	05	-	05
4	M. Sc. Medical Physiology	05	-	05
5	M. Sc. Medical Biochemistry	05	-	05
6	PG Diploma in Preventive Cardiology	04	-	04
7	MOT (Musculokeletal)	06	-	06
8	MOT (Paediatrics)	06	-	06
9	MPT (Cardio –Pulmonary)	05	-	05
10	MPT (Neurology)	05	-	05
11	MPT (Musculokeletal)	05	-	05
12	MPT (Sports Medicine)	05	-	05
13	BOT	25	-	25
14	BPT	30	-	30
15	BSc MLT	30	-	30
16	BSc MLT II yr. (Lateral entry)	20	-	20
17	BSc Emergency & Trauma Care Technology	15	-	15
18	BSc Emergency & Trauma Care Technology (Lateral Entry)	10	-	10
19	BSc Optometry	25	-	25
20	BSc Optometry (Lateral Entry)	05	-	05
21	BSc Medical Imaging Technology	25	-	25
22	BSc Medical Imaging Technology (Lateral Entry)	15	-	15
23	BSc Operation Theater Techniques	15	-	15
24	BSc Operation Theater Techniques (Lateral Entry)	05	-	05

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25	BSc Medical Record & Health Information Mgt.	15	-	15
26	BSc Medical Record & Health Information Mgt. (Lateral Entry)	05	-	05
27	BSc in Cardiology Lab Techniques	25	-	25
28	BSc in Cardiology Lab Techniques (Lateral Entry)	05	-	05
29	BSc Dialysis Techniques	25	-	25
30	BSc Dialysis Techniques (Lateral Entry)	10	-	10
31	Diploma in X-Ray & ECG Techniques	15	-	15
32	Diploma in Operation Theatre Techniques	15	-	15
33	Diploma in Dialysis Techniques	15	-	15
34	Diploma in Medical Record Techniques (DMRT)	15	-	15
	Total seats in the Faculty	516	-	516

Faculty of Islamic Studies & Social Sciences

S. No.	Programme	Total Seats	General Seats	SFS Seats
1	MA Islamic Studies	15	15	-
2	BA Islamic Studies	25	25	-
3	Diploma course in Persian Language (Part Time)	20	20	-
4	Certificate course in Persian Language (Part Time)	20	20	-
5	MA Human Rights	20	20	-
6	M. Phil Federal Studies	15	15	-
	Total seats in the Faculty	115	115	-

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Faculty of Management & Information Technology

S. No.	Programme	Total Seats	General Seats	SFS Seats
1	MBA (General) False Session & Summer Session	120	-	120
2	MBA (Health, and Hospital Management)	60	-	60
3	MBA (Pharmaceutical Management)	60	-	60
4	BBA Regular	120	-	120
5	MCA	60	-	60
6	M.Tech. (Computer Science & Engineering) Part-Time Programme	60	-	60
7	M.Tech. (ISCF)	30	-	30
8	M.Tech. Computer Science & Engineering (Regular)	30	-	30
9	M.Tech. (Bioinformatics)	18	-	18
10	B.Tech (Computer Science)	120	-	120
11	B.Tech (ECE)	60	-	60
12	BCA/BSc(IT)	60	-	60
	Total seats in the Faculty	798	-	798

Faculty of Medicine (Unani)

S. No.	Programme	Total Seats	General Seats	SFS Seats
1	MD Ilmul Advia	3	3	-
2	MD Moalijat	3	3	-
3	MD (Tahaffusi wa Samaji Tib)	3	3	-
4	BUMS (Gen &SFS)	40	30	10
5	BUMS (Through Pre Tib)	10	10	-
6	Pre-Tib	10	10	-
7	Certificate Course of Unani Dispenser	4	4	-
	Total seats in the Faculty	73	63	10

Faculty of Nursing

S. No.	Programme	Total Seats	General Seats	SFS Seats
1	MSc-Nursing (Obs. & Gynaecology) (Gen. SFS)	6	3	3
2	MSc-Nursing (Psychiatric Nursing) (Gen. SFS)	6	4	2
3	MSc-Nursing (Community Health Nursing) (Gen. SFS)	5	3	2
4	MSc-Nursing (Medical Surgical Nursing) (Gen. SFS)	6	4	2
5	MSc-Nursing (Peadiatric) (Gen. SFS)	2	1	1
6	Post-Basic B. Sc. Nursing	20	20	-
7	BSc Nursing (Hons.) (Gen.&SFS)	50	25	25
8	DGNM	40	40	-
	Total seats in the Faculty	135	100	35

Faculty of Pharmacy

S. No.	Programme	Total Seats	General Seats	SFS Seats
1	M Pharm (Pharmaceutical. Chemistry)	10	10	-
2	M Pharm (Pharmaceutics)	18	18	-
3	M Pharm (Pharmacognosy & Phytochemistry)	8	8	-
4	M Pharm (Pharmacology)	18	18	-
5	M Pharm (Quality Assurance)	8	-	8
6	M Pharm (Pharmacy Practice)	8	-	8
7	M Pharm (Pharmaceutical. Biotechnology)	5	5	-
8	M Pharm (Pharmaceutical. Analysis)	8	-	8

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9	B Pharm (Regular) Gen. & SFS	120	60	60
10	B Pharm II yr. (Regular- Lateral entry) Gen. & SFS	12	6	6
11	D Pharm (Regular	60	60	-
	Total seats in the Faculty	275	185	90

Faculty of Science

S. No.	Programme	Total Seats	General Seats	SFS Seats
1	MSc. Biochemistry (Gen. &SFS)	25	20	5
2	MSc. Botany (Gen. &SFS)	30	25	5
3	MSc. Chemistry (Gen. &SFS)	25	20	5
4	MSc. Biotechnology(Gen. &SFS)	40	20	20
5	MSc. Toxicology(Gen. &SFS)	30	25	5
6	MSc (Clinical Research)	25	-	25
	Total seats in the Faculty	175	110	65

Faculty of Engineering & Inter-disciplinary Science

S. No.	Programme	Total Seats	General Seats	SFS Seats
1	M.Tech. Food Technology (MFT)	18	18	-
	Total in the Faculty	18	18	-

1.2.7. Does the university provide the flexibility of bringing together the conventional face-to-face mode and the distance mode of education and allow students to choose and combine the courses they are interested in? If ‘yes,’ give operational details.

The University has a Directorate of Open and Distance Learning (DoDL) that allows regular students to take up some of the distance learning programmes.

1.2.8. Has the university adopted the Choice Based Credit System (CBCS)? If yes, for how many programmes? What efforts have been made by the university to encourage the introduction of CBCS in its affiliated colleges?

Yes, the university has adopted Choice Based credit System (CBCS) in all the courses except those courses in which there is no provision of CBCS by respective governing councils (INC, MCI, CCIM, PCI).

1.2.9. What percentage of programmes offered by the university follow:

- a. Annual System - **Less than 10% (DGNM, D. Pharma, Post Basic Nursing, MBBS, BUMS)**
- b. Semester System - **More than 90%**
- c. Trimester System - **Nil**

1.2.10. How does the university promote inter-disciplinary programmes? Name a few programmes and comment on their outcome.

Foundation course of Faculty of Science involves multiple departments.

PhD Programme is in the Faculty of Interdisciplinary Sciences & Technology (FIST) allows PhD from different science streams and the student has to opt for two supervisors from two different faculties. To sight an example, one of the engineering students from Pune got PhD registration in FIST.

The M.Tech. Food Technology Programme (also run by FIST) is also assisted by the Faculty members of other departments.

M.Sc. (Clinical Research) is also an interdisciplinary programme where students get exposure to wide range of cross-disciplinary knowledge domains of Pharmacy, Medicine, Toxicology, Ethics, Epidemiology, Statistics etc.

1.3. Curriculum Enrichment

1.3.1. How often is the curriculum of the university reviewed and upgraded for making it socially relevant and/or job oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?

Curriculum is modified and enriched on a continuous basis in view of feedback from industry, and research / academic institutes to enhance job prospects and research in the field. The revision of curriculum of **Faculty of Science (as an example)** has been given as follows in order to highlight the frequency and up gradation of curriculum:

Department of Biotechnology

- The 16th Board of Studies meeting was held on 22nd May, 2015.

Implementation of Choice Based Credit System.

- The 17th Board of Studies meeting was held on 27th October, 2015.

Approval of syllabus committee for revision of M.Sc. syllabus.

- The 5th Board of Studies meeting on 28th January, 2015.

Revision of Syllabus for M.Sc. in Biotechnology (minor revision).

Finalizing the syllabus for M.Sc. in Tissue Culture and Transgenic Technology.

- The 13th Board of Studies meeting on 17th July, 2013.

Revision of syllabus.

- The Board of Studies meeting held on 10th February, 2010

Revision of Syllabus.

Department of Biochemistry

- The Board of Studies meeting was held on 2nd July, 2015.

Approval of already modified and updated M.Sc. syllabus for Choice Based Credit System.

- The Board of Studies meeting was held on 9th January, 2015.

To finalize the approval of upgraded M.Sc. syllabus.

- The Board of Studies meeting was held on 5th September, 2014.

To initiate the process of updating of M.Sc. syllabus.

- The Board of Studies meeting on 27th October, 2011.

Inclusion of mathematics module in M.Sc. bioelectronics and instrumentation program.

Department of Chemistry

- The Board of Studies meeting on 30th September, 2015.

Informed the house about implementation of Choice Based Credit System.

Constitution of committee for syllabus designing.

- The Board of Studies meeting on 13th May, 2015.

Revision of syllabus.

- The Board of Studies meeting on 20th September, 2011.

Credit structure in syllabus was introduced.

Some modifications in the papers were made.

Department of Botany

- The Board of Studies meeting was held on 20th May, 2015.

Implementation of Choice Based Credit System was discussed for implementation.

- The Board of Studies meeting on 6th August, 2012

Revision of M.Sc syllabus.

Department of Medical Elementology and Toxicology

- The Board of Studies meeting was held on 18th June, 2015.

Implementation of Choice Based Credit System.

Department of Clinical Research

- Board of Studies meeting on 19th April, 2011.

The proposed modification in the syllabus was approved and to be implemented from academic year 2011-2012.

1.3.2. List of new programs from 2010 onwards:

2015-16	2014-15	2013-14	2012-13	2011-12
HIMSR	HIMSR	HIMSR	HIMSR	Allied Health Sciences
Ph. D. (Pharmacology) Offered by HIMSR	Ph. D. (Medical Microbiology)	MSc. and Ph. D. In Medical Physiology	MBBS	Integrated MSc-PhD-Clinical Research Moalijat (Unani)
Ph. D. (Pathology)	Ph. D. (Medical Physiology)	BSc Emergency & Trauma Care Technology(Lateral Entry)	MBBS (Management Quota)	Islamic Studies
			Allied Health Sciences	
Ph. D. (Medicine)	Ph. D. (Medical Biochemistry)	BSc Optometry (Lateral Entry)	BSc Optometry	BA Islamic Studies
M. Sc. Medical Biochemistry	M. Sc. Medical Microbiology	BSc Medical Imaging Technology (Lateral Entry)	BSc Medical Imaging Technology	Management & Information Technology
Management & Information Technology	M. Sc. Medical Physiology	BSc Operation Theater Techniques (Lateral Entry)	BSc Operation Theater Techniques	Ph. D. (Health Management)
Ph. D. (Pharm. Management)	PG Diploma in Preventive Cardiology	BSc Medical Record & Health Information Mgt. (Lateral Entry)	BSc Medical Record & Health Information Mgt.	Nursing
M Tech. Computer	Islamic Studeis	BSc in Cardiology Lab	BSc in Cardiology	MSc-Nursing (Obs. & Gynae. Nursing)

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Science & Engineering (Regular)		Techniques (Lateral Entry)	Lab Techniques	SFS
Pharmacy	Diploma course in Persian Language (Part Time)	BSc Dialysis Techniques (Lateral Entry)	BSc Dialysis Techniques	MSc-Nursing (Psychiatric Nursing) SFS
Ph. D. (Pharmaceutics with Specialization In QA)	Management & Information Technology	Nursing		MSc-Nursing (Community Health Nursing) SFS
Ph. D. (Pharmacognosy Phytochemistry with Specialization in Pharmaceutical Biotech.))	BBA Regular	Post-Basic B. Sc. Nursing Restarted		MSc-Nursing (Medical Surgical Nursing) SFS
Ph. D. (Pharmaceutical Chemistry with Specialization In Pharm. Analysis))	MTech. (ISCF)	Islamic Studies		MSc-Nursing (Paediatric Nursing)
Ph. D. (Pharmacology with Specialization In Pharm. Practice))	B.Tech (ECE)	Certificate course in Persian Language (Part Time)		MSc-Nursing (Paediatric Nursing) SFS
	Medicine (Unani)			
	Certificate Course			Pharmacy

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	in Unani Medicine for Foreign Nationals			
	Nursing			Ph. D. (Pharmaceutical Biotechnology)
	Ph. D. Nursing			Science
	Engineering & Interdisciplinary Sciences			PG Diploma in Biotechnological Techniques
	Ph. D. (Food & Fermentation Technology)			MSc. Biochemistry. (SFS)
				MSc. Botany (SFS)
				MSc. Chemistry (SFS)
				MSc. Toxicology (SFS)
				Engineering & Interdisciplinary Sciences
				Ph. D. (Bioinformatics)
				Ph. D. (Chemoinformatics)

Programmes started in 2011-12

Faculty	Programme
Faculty of Allied Health Sciences	Integrated MSc-PhD-Clinical Research Moalijat (Unani)
Faculty of Islamic Studies & Social Sciences	BA Islamic Studies

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Faculty of Management & Information Tech.	Ph. D. (Health Management)
Faculty of Nursing	MSc-Nursing (Obs. & Gynae. Nursing) SFS
	MSc-Nursing (Psychiatric Nursing) SFS
	MSc-Nursing (Community Health Nursing) SFS
	MSc-Nursing (Medical Surgical Nursing) SFS
	MSc-Nursing (Paediatric Nursing)
	MSc-Nursing (Paediatric Nursing) SFS
Faculty of Pharmacy	Ph. D. (Pharmaceutical Biotechnology)
Faculty of Science	PG Diploma in Biotechnological Techniques
	MSc. Biochemistry. (SFS)
	MSc. Botany (SFS)
	MSc. Chemistry (SFS)
	MSc. Toxicology (SFS)
Faculty of Engineering & Interdisciplinary Sciences	Ph. D. (Bioinformatics)
	Ph. D. (Chemoinformatics)

Programmes started in 2012-13

Faculty	Programme
Hamdard Institute of Medical Sciences & Research (HIMSR)	MBBS
Faculty of Allied Health Sciences (currently these programs are managed by HIMSR)	BSc Optometry
	BSc Medical Imaging Technology
	BSc Operation Theater Techniques
	BSc Medical Record & Health Information Mgt.
	BSc in Cardiology Lab Techniques
	BSc Dialysis Techniques

Programmes started in 2013-14

Faculty	Programme
HIMSR	MSc. and Ph. D. In Medical Physiology
	BSc Emergency & Trauma Care Technology(Lateral Entry)
	BSc Optometry (Lateral Entry)
	BSc Medical Imaging Technology (Lateral Entry)
	BSc Operation Theater Techniques (Lateral Entry)
	BSc Medical Record & Health Information Mgt. (Lateral Entry)
	BSc in Cardiology Lab Techniques (Lateral Entry)
	BSc Dialysis Techniques (Lateral Entry)
Faculty of Nursing	Post-Basic B. Sc. Nursing (Restarted)
Faculty of Islamic Studies & Social Sciences	Certificate course in Persian Language (Part Time)

Programmes started in 2014-15

Faculty	Programme
HIMSR	Ph. D. (Medical Microbiology)
	Ph. D. (Medical Physiology)
	Ph. D. (Medical Biochemistry)
	M. Sc. (Medical Microbiology)
	M. Sc. (Medical Physiology)
	PG Diploma (Preventive Cardiology)
Faculty of Islamic Studies & Social Sciences	Diploma course in Persian Language (Part Time)
Faculty of Management & Information Tech.	BBA Regular
	MTech. (ISCF)
	B.Tech (ECE)

Faculty of Medicine (Unani)	Certificate Course in Unani Medicine for Foreign Nationals
Faculty of Nursing	Ph. D. Nursing
Faculty of Engineering & Interdisciplinary Sciences	Ph. D. (Food & Fermentation Technology)

Programmes started in 2015-16

Faculty	Programme
HIMSR	Ph. D. (Pharmacology) Offer by HIMSR
	Ph. D. (Pathology)
	Ph. D. (Medicine)
	M. Sc. Medical Biochemistry
Faculty of Management & Information Tech	Ph. D. (Pharm. Management)
	M.Tech. Computer Science & Engineering
Faculty of Pharmacy	Ph. D. (Pharmaceutics with Specialization In Quality Assurance)
	Ph. D. (Pharmacognosy, Phytochemistry with Specialization in Pharmaceutical Biotech.)
	Ph. D. (Pharmaceutical Chemistry with Specialization In Pharm. Analysis))
	Ph. D. (Pharmacology with Specialization In Pharm. Practice))

**1.3.3. What are the strategies adopted for the revision of the existing programmes?
What percentage of courses underwent a syllabus revision?**

The existing programmes are revised on the basis of acceptability, popularity and employability. The revision is also based on the guidelines issued by the regulatory councils such as UGC, AICTE, CCIM, INC, MCI, RCI etc. and as per the procedure which is outlined in section 1.1.2.

1.3.4. What are the value-added courses offered by the university and how does the university ensure that all students have access to them?

The university runs several value-added courses. To ensure the access, the information regarding these courses is widely publicized and the students are also sensitized by direct interactions. Following are the value-added courses offered by the university;

- Foundation courses in M.Sc. programme
- Diploma in English writing and speaking
- PG Diploma in Chemoinformatics
- PG Diploma in Bioinformatics
- PG Diploma in Biostatistics

1.3.5 Has the university introduced any higher order skill development programmes in consonance with the national requirements as outlined by the National Skills Development Corporation and other agencies?

- **National Skills Training Centre – “Daksh”, Jamia Hamdard** was established with the joint collaboration of Ministry of Health and Family Welfare, GoI and Liverpool School of Tropical Medicine (LSTM), UK. The training focuses on the major aspects of Maternal and Child Health with an objective of reducing the MMR and IMR. A 6 day training program has been prepared which includes pre – post OSCE and knowledge test, video presentation, skill stations (concurrent sessions), plenary sessions, supervised skill practice, skill evaluation, power point presentations, role plays etc. This training program gives hands on training to the students, after which they feel more confident and competent. It gives integration of Pre-service and In-service candidates, thus promoting standardization of protocols. It also promotes collective learning and building team spirit between doctors and nurses to deal effectively during obstetric emergency situations requiring life support interventions. The beneficiaries of the training are Medical Officers, Senior Nursing Professionals, Student Nurses and ANM’s. The nodal head is Prof. (Dr.) Manju Chhugani and the center has 4 trainers (including 1 doctor and 3 nurses) and 1 administrative support staff. At present a total of 31 trainings have been held in this skill lab, including 2 trainings of master trainers, 1 faculty training, 14 pre-service trainings, 14 batches from the states, 2 batches from Jhpiego. The trainings held at this centre has proved beneficial for the trainees and students in improving their vista of knowledge. The National Skills Training Centre – “Daksh”, Jamia Hamdard was inaugurated on February 4, 2016. The Chief Guest was Shri. C.K. Mishra, Additional Secretary and Mission Director, Ministry of Health and Family Welfare, Government of India.

1.4. Feedback System

The university follows a comprehensive feedback system in the design and acceptability of various courses and also to improve teaching methods by the faculty. The regular feedback is taken from the students enrolled at JH and the alumni of the university. The feedback analysis is being carried out at departmental level.

CRITERION II: TEACHING-LEARNING AND EVALUATION

2.1. Student Enrolment and Profile

2.1.1. How does the university ensure publicity and transparency in the admission process?

The admission related information is uploaded at the university website. The information is also disseminated through national and local newspapers, television, and exhibitions/education fairs. In addition, visits of faculty members are arranged to various colleges in Delhi, NCR and nearby areas in order to publicize the various programs of study and facilities being offered by the university.

At Jamia Hamdard, the process of admission is ONLINE, open and transparent. The admission in most programs of study is made through national level entrance tests. For instance, admission in MBBS and all other UG biological programs of study including BUMS, B.Sc. Nursing, B. Pharm., BMLT etc is through AIPMT/NEET rank/score for that year. For MBA, students are admitted through CAT/MAT/XAT/ATMA score, and to B.Tech. Programs, rank/score in JEE (Main) is used as a criteria for admission, subject to fulfilling all admission criteria laid down for a particular program of study. For admission in M. Sc. in various disciplines and MD (Unani), University conducts its own entrance test plus interview, with no more than 15% weightage given to marks in interview. Multiple Choice Questions are asked in entrance examination which needs to be answered on OMR sheets for evaluation. The results are uploaded on university website, and also information is sent through e-mail/SMS/phone call to selected applicants.

The entire process of admissions at Jamia Hamdard is decentralized, where the Dean of a Faculty is responsible for all admission related matters including promotion of various programs of study. The Dean is assisted by a committee, duly approved by the Vice Chancellor, the Faculty Admission Committee (FAC). All FACs have a member/observer nominated by Admission Committee and approved by the Vice Chancellor through Chairman, Admission Committee constituted for the purpose of coordination of admission related activities of all Faculties. The Admission Committee is constituted and approved by

the Vice Chancellor. Beside acting as a coordinating center for admission related work for the entire University, the Admission Committee is responsible for all work related to Online Application Management, disseminating information and coordinating FACs, as well as preparation of final selection lists and reports.

2.1.2. Explain in detail the process of admission put in place by the university. List the criteria for admission: e.g., (i) merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv) common entrance test conducted by state agencies and national agencies (v) other criteria followed by the university (please specify).

Entire process of admissions at JH is ONLINE. For MBBS and all other UG biological programs of study including BUMS, B.Sc. Nursing, B. Pharm., BMLT etc, admissions are on the basis of AIPMT/NEET rank/score for that year. For MBA, students are admitted through CAT/MAT/XAT/ATMA/GPAT/CMAT score, followed by Group Discussion and Personal Interview (GD/PI), and to B. Tech. programs, rank/score in JEE (Main) is used as a criterion for selection, subject to fulfilling eligibility criteria laid down for a particular program of study. For admission in M.Sc. in various disciplines and MD (Unani), University conducts its own entrance test plus interview, with no more than 15% weightage given to marks in interview. Multiple Choice Questions (MCQs) are asked in entrance examination which needs to be answered on OMR sheets for evaluation.

For PhD admission, JRF/NET/GPAT qualified applicants, whichever applicable, are admitted. For disciplines where NET or GPAT is not applicable, University conducts its own entrance test and interview, where weightage of interview marks does not exceed 15%.

Criteria for admission in various programmes of the study offered by the University are indicated as under:

1. Hamdard Institute of Medical Sciences & Research (HIMSR)

S. No.	Programme	Seat s/ Intake	Eligibility Criteria	Mode of Admission
1	MBBS	85	1. Eligibility conditions:	Through

		<p>1.1 Age limit: Candidate should complete the age of 17 years on or before 31st December of the proceeding year</p> <p>1.2 Qualifying examination: Candidates shall be admitted to first year of MBBS course only if s/he has passed qualifying examination as under,</p> <p>a. The Higher Secondary Examination or the Indian School Certificate Examination which is equivalent to 10+2 Higher Secondary Examination after a period of 12 years study, the last two years of study comprising of Physics, Chemistry, Biology and Mathematics or any other elective subject with English at a level not less than core course of English as prescribed by the National Council of Educational Research and Training after the introduction of the 10+2+3 years educational structure as recommended by the National Committee on education.</p> <p>Note: Where the course content is not as prescribed for 10+2 education structure of the National Committee, the candidates will have to undergo a period of one year pre-professional training before admission to the Medical College.</p>	<p>AIPMT /NEET Rank /score, subject to fulfilling eligibility criteria</p>
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		<p>Or</p> <p>b. The intermediate examination in science of an Indian University/Board or other recognized examining body with Physics, Chemistry and Biology which shall include a practical test in these subjects and also English as a compulsory subject.</p> <p>Or</p> <p>c. The pre-professional/pre-medical examination with Physics, Chemistry and Biology, after passing either the higher secondary school examination, or the pre-university or an equivalent Examination. The pre-professional/pre-medical examination shall include a practical test in Physics, Chemistry and Biology and also English as a compulsory subject.</p> <p>Or</p> <p>d. The first year of the three years degree course of a recognized university, with Physics, Chemistry and Biology including a practical test in three subjects provided the examination is a "University Examination" and candidate has passed 10+2 with English at a level not less than a core course.</p> <p>Or</p> <p>e. B.Sc. examination of an Indian University, provided that he/she has passed the B.Sc. examination with not less than two of the following subjects</p>	
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			<p>Physics, Chemistry, Biology (Botany, Zoology) and further that he/she has passed the earlier qualifying examination with the following subjects – Physics, Chemistry, Biology and English.</p> <p>Or</p> <p>f. Any other examination which, in scope and standard is found to be equivalent to the intermediate science examination of an Indian University/Board, taking Physics, Chemistry and Biology including practical test in each of these subjects and English.</p> <p>Note: Marks obtained in Mathematics are not to be considered for admission to MBBS.</p> <p>1.3 (a) Candidates must have passed the subjects of Physics, Chemistry, Biology and English individually and must have obtained a minimum of 50% marks taken together in Physics, Chemistry and Biology at the qualifying examination as mentioned in the clause 1.2.</p> <p>(b) In respect of candidates with locomotory disability of lower limbs the minimum marks in qualifying</p>	
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			<p>examination in Physics, Chemistry and Biology taken together in qualifying examination shall be 45% instead of 50% as above.</p> <p>2. Procedure for selection:</p> <p>The selection for admission to the MBBS program, other than Management quota in Jamia Hamdard shall be based strictly on merit having relevant and valid AIPMT/NEET score/rank (conducted by the CBSE) from amongst the candidates who apply in Jamia Hamdard on the prescribed application form issued by Jamia Hamdard for admission to MBBS and who satisfy the eligibility conditions prescribed by the MCI and as given in Clause-1 above.</p> <p>The selection for admission to MBBS under the management quota shall be made from amongst the candidates who apply in this quota on the prescribed application form issued by JH for admission to MBBS and satisfy the minimum requisite eligibility criteria/conditions prescribed by the MCI as given in Clause-1 above, at the discretion of JH.</p> <p>Provided that if any seat(s) remain vacant in the Management quota, the competent authority of Jamia Hamdard shall be at liberty to call for fresh application(s) for such vacant seats which shall be filled from amongst the candidates who apply in</p>	
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			response to the same for admission to MBBS and who satisfy the minimum requisite eligibility criteria/conditions as prescribed by the MCI or as given in Clause-1 above.	
2	MBBS (Management Quota)	15	<p>1. Eligibility conditions:</p> <p>1.1 Age limit: Candidate should complete the age of 17 years on or before 31st December 2015 (Candidates born on or after 1st January 1999 will not be eligible)</p> <p>1.2 Qualifying examination: Candidates shall be admitted to first year of MBBS course only if s/he has passed qualifying examination as under,</p> <p>a. The Higher Secondary Examination or the Indian School Certificate Examination which is equivalent to 10+2 Higher Secondary Examination after a period of 12 years study, the last two years of study comprising of Physics, Chemistry, Biology and Mathematics or any other elective subject with English at a level not less than core course of English as prescribed by the National Council of Educational Research and Training after the introduction of the 10+2+3 years educational structure as recommended by the National Committee on education.</p>	Through AIPMT/NEET rank/score, subject to fulfilling eligibility criteria

			<p>Note: Where the course content is not as prescribed for 10+2 education structure of the National Committee, the candidates will have to undergo a period of one year pre-professional training before admission to the Medical College.</p> <p>Or</p> <p>b. The intermediate examination in science of an Indian University/Board or other recognized examining body with Physics, Chemistry and Biology which shall include a practical test in these subjects and also English as a compulsory subject.</p> <p>Or</p> <p>c. The pre-professional/pre-medical examination with Physics, Chemistry and Biology, after passing either the higher secondary school examination, or the pre-university or an equivalent Examination. The pre-professional/pre-medical examination shall include a practical test in Physics, Chemistry and Biology and also English as a compulsory subject.</p> <p>Or</p> <p>d. The first year of the three years degree course of a recognized university, with Physics, Chemistry and Biology including a practical test in three subjects provided the examination</p>	
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			<p>is a "University Examination" and candidate has passed 10+2 with English at a level not less than a core course.</p> <p>Or</p> <p>e. B.Sc. examination of an Indian University, provided that he/she has passed the B.Sc. examination with not less than two of the following subjects Physics, Chemistry, Biology (Botany, Zoology) and further that he/she has passed the earlier qualifying examination with the following subjects – Physics, Chemistry, Biology and English.</p> <p>Or</p> <p>f. Any other examination which, in scope and standard is found to be equivalent to the intermediate science examination of an Indian University/Board, taking Physics, Chemistry and Biology including practical test in each of these subjects and English.</p> <p>Note: Marks obtained in Mathematics are not to be considered for admission to MBBS.</p> <p>1.3 (a) Candidates must have passed the subjects of Physics, Chemistry, Biology and English individually and must have obtained a minimum of 50% marks taken together in Physics, Chemistry</p>	
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			<p>and Biology at the qualifying examination as mentioned in the clause 1.2.</p> <p>(b) In respect of candidates with locomotory disability of lower limbs the minimum marks in qualifying examination in Physics, Chemistry and Biology taken together in qualifying examination shall be 45% instead of 50% as above.</p> <p>2. Procedure for selection:</p> <p>The selection for admission to the MBBS program, other than Management quota in Jamia Hamdard shall be based strictly on merit having relevant and valid AIPMT/NEET score/rank (conducted by the CBSE) from amongst the candidates who apply in Jamia Hamdard on the prescribed application form issued by Jamia Hamdard for admission to MBBS and who satisfy the eligibility conditions prescribed by the MCI and as given in Clause-1 above.</p> <p>The selection for admission to MBBS under the management quota shall be made from amongst the candidates who apply in this quota on the prescribed application form issued by JH for admission to MBBS and satisfy the minimum requisite eligibility criteria/conditions prescribed by the MCI as given in Clause-1 above, at the discretion of</p>	
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			<p>Jamia Hamdard.</p> <p>Provided that if any seat(s) remain vacant in the Management quota, the competent authority of Jamia Hamdard shall be at liberty to call for fresh application(s) for such vacant seats which shall be filled from amongst the candidates who apply in response to the same for admission to MBBS and who satisfy the minimum requisite eligibility criteria/conditions as prescribed by the MCI or as given in Clause-1 above.</p>	
3	M. Sc. Medical Microbiology	05	<p>The candidate must have passed Bachelor degree(Lifesciences)/MBBS/BDS/BPT with at least 55% marks in aggregate, and appeared in Entrance Test and / Interview conducted by Jamia Hamdard. Candidates having MBBS will be directly admitted to 2nd year of three years MSc. In the first year, students will attend classes in their respective discipline with MBBS 1st / 2nd year students.</p> <p>Selection Procedure: Entrance Test and/Interview will be conducted by Jamia Hamdard. The question paper will comprise of questions on Medical Microbiology taught in MBBS and B.Sc. level.</p>	Entrance Test and / Interview
4	M. Sc. Medical Physiology	05	<p>A candidate must have passed MBBS or a degree course in allied Medical Sciences with Human Physiology as a major subject from a recognized university with atleast 50% marks in aggregate. Those having</p>	Entrance Test

			<p>MBBS degree will be directly admitted to 2nd year of three years MSc. In the first year, students will attend classes in their respective disciplines with MBBS 1st year students. Candidates shall have to appear in the Entrance Test and / Interview conducted by Jamia Hamdard.</p> <p>Selection procedure: An Entrance Test will be conducted by Jamia Hamdard. The question paper will comprise of questions on Human Physiology taught in MBBS and at B.Sc. level.</p>	
5	M.Sc. Medical Biochemistry	05	<p>B.Sc. in Biological Sciences with minimum 55% marks. Candidates with MBBS/BUMS/B. Pharm. will also be eligible for admission to this programme.</p> <p>Selection procedure: Online applications will be invited for this program. The entrance examination and interview/GD/counseling can be clubbed with the candidates for M. Sc. Biochemistry, F/o Science.</p>	Entrance examination and interview / GD
6	Post Graduate Diploma in Preventive Cardiology	04	<p>Must have passed MD / DNB /MRCP Medicine / Pediatrics / Community medicine.</p> <p>Selection Procedure: Admission will be made through entrance test/interview or both.</p>	Entrance test / interview or both
7	MOT (Musculoskeletal)	06	<ul style="list-style-type: none"> ▪ Bachelor of Occupational Therapy (BOT) from an institution recognized by Jamia Hamdard or University/Institute approved 	Entrance Test

			<p>by UGC, securing at least 50% marks in the aggregate. The BOT course should be recognized by Delhi Council of Physiotherapy and Occupational therapy.</p> <ul style="list-style-type: none"> ▪ Candidates who have obtained degree in BOT from distant mode are not eligible for Post Graduate courses in Occupational Therapy. ▪ Appeared in the Entrance Test conducted by Jamia Hamdard. <p>Selection Procedure: An Entrance Test will be conducted. The question paper will comprise of questions on basic sciences and occupational therapy subjects taught at BOT level.</p>	
8	MOT (Paediatrics)	06	-do-	Entrance Test
9	MPT (Musculoskeletal)	05	<ul style="list-style-type: none"> ▪ Bachelor of Physiotherapy (BPT) from an institution recognized by Jamia Hamdard or university/ institute approved by the UGC, securing at least 50% marks in the aggregate. The BPT course should be recognized by Delhi Council of Physiotherapy and Occupational therapy. ▪ Candidates who have obtained degree in BPT from distant mode are not eligible for Post Graduate courses in Physiotherapy. ▪ Appeared in the Entrance Test conducted by Jamia Hamdard. 	Entrance Test

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			Selection Procedure: An Entrance Test will be conducted. The question paper will comprise of questions on basic sciences and physiotherapy subjects taught at BPT level.	
10	MPT (Cardio - Pulmonary)	05	-do-	Entrance Test
11	MPT (Neurology)	05	-do-	Entrance Test
12	MPT (Sports)	05	-do-	Entrance Test
13	Bachelor of Occupational Therapy (BOT)	25	On the basis of merit through AIPMT/NEET conducted by CBSE for MBBS programme, among the candidates, who apply for admission to BOT Degree Course in Jamia Hamdard through Online Jamia Hamdard Application Form.	Through AIPMT /NEET rank/score, subject to fulfilling eligibility criteria
14	Bachelor of Physiotherapy (BPT)	30	On the basis of merit through AIPMT/NEET conducted by CBSE for MBBS programme, among the candidates, who apply for admission to BPT Degree Course in Jamia Hamdard through online Jamia Hamdard Application Form.	Through AIPMT/NE ET rank/score, subject to fulfilling eligibility criteria
15	B.Sc. Medical Laboratory Techniques (BMLT)	30	On the basis of merit through AIPMT/NEET conducted by CBSE for MBBS programme, among the candidates, who apply for admission to BMLT, Degree Courses in Jamia Hamdard through Online Jamia Hamdard Application Form.	Through AIPMT/NE ET rank/score, subject to fulfilling eligibility

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				criteria
16	B.Sc. in Medical Laboratory Techniques (B.Sc.-MLT) 3rd Semester (Lateral Entry)	20	<p>A candidate must have passed a two year Diploma in respective course (after 10 +2) with 60% marks in the aggregate or 3 years Diploma after 10th examination from science stream, except for DXE where the student is eligible to apply for BCLT and BMIT both.</p> <p>Selection procedure: For admission to BMLT, BETCT, BOPT, BMIT, BOTT, BMR & HIM, BCLT, BDT Lateral Entry 3rd Semester Degree Courses will be made on the basis of merit determined by marks obtained in the respective Diploma course and/or interview.</p>	Merit determined by marks obtained in the respective Diploma course and/or interview
17	B.Sc. Emergency & Trauma Care Techniques (BETCT)	15	On the basis of merit through AIPMT/NEET conducted by CBSE for MBBS programme, among the candidates, who apply for admission to BETCT, Degree Courses in Jamia Hamdard through Online Jamia Hamdard Application Form.	Through AIPMT/NEET rank/score, subject to fulfilling eligibility criteria
18	B.Sc. in Emergency & Trauma Care Technology (BETCT) - 3rd Semester (Lateral Entry)	10	<p>A candidate must have passed a two year Diploma in respective course (after 10 +2) with 60% marks in the aggregate or 3 years Diploma after 10th examination from science stream, except for DXE where the student is eligible to apply for BCLT and BMIT both.</p> <p>Selection procedure: For admission to</p>	Merit determined by marks obtained in the respective Diploma course and/or

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			BMLT, BETCT, BOPT, BMIT, BOTT, BMR & HIM, BCLT, BDT Lateral Entry 3rd Semester Degree Courses will be made on the basis of merit determined by marks obtained in the respective Diploma course and/or interview.	interview.
19	B.Sc. Optometry (BOPT)	25	On the basis of merit through AIPMT /NEET conducted by CBSE for MBBS programme, among the candidates, who apply for admission to BOPT Degree Courses in Jamia Hamdard through Online Jamia Hamdard Application Form.	Through AIPMT/NEET rank/score, subject to fulfilling eligibility criteria
20	B.Sc. Optometry (BOPT) - 3rd Semester (Lateral Entry)	05	A candidate must have passed a two years Diploma in respective course (after 10 +2) with 60% marks in the aggregate or 3 years Diploma after 10th examination from science stream, except for DXE where the student is eligible to apply for BCLT and BMIT both. Selection procedure: For admission to BMLT, BETCT, BOPT, BMIT, BOTT, BMR & HIM, BCLT, BDT Lateral Entry 3rd Semester Degree Courses will be made on the basis of merit determined by marks obtained in the respective Diploma course and/or interview.	Merit determined by marks obtained in the respective Diploma course and/or interview
21	B.Sc. Medical Imaging Technology (BMIT)	25	On the basis of merit through AIPMT /NEET conducted by CBSE for MBBS programme, among the candidates, who apply for admission to BMIT Degree	Through AIPMT/NEET rank/score,

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			Courses in Jamia Hamdard through Online Jamia Hamdard Application Form.	subject to fulfilling eligibility criteria
22	B.Sc. in Medical Imaging Technology (BMIT) 3rd Semester (Lateral Entry)	15	<p>A candidate must have passed a two years Diploma in respective course (after 10 +2) with 60% marks in the aggregate or 3 years Diploma after 10th examination from science stream, except for DXE where the student is eligible to apply for BCLT and BMIT both.</p> <p>Selection procedure: For admission to BMLT, BETCT, BOPT, BMIT, BOTT, BMR & HIM, BCLT, BDT Lateral Entry 3rd Semester Degree Courses will be made on the basis of merit determined by marks obtained in the respective Diploma course and/or interview.</p>	Merit determined by marks obtained in the respective Diploma course and/or interview
23	B.Sc. Operation Theatre Techniques (BOTT)	15	On the basis of merit through AIPMT/NEET conducted by CBSE for MBBS programme, among the candidates, who apply for admission to BOTT Degree Courses in Jamia Hamdard through Online Jamia Hamdard Application Form.	Through AIPMT/NEET rank/score, subject to fulfilling eligibility criteria
24	B.Sc. in Operation Theatre Techniques (BOTT) 3rd Semester	05	A candidate must have passed a two years Diploma in respective course (after 10 +2) with 60% marks in the aggregate or 3 years Diploma after 10th examination from science stream, except for DXE where the student is eligible to apply for BCLT and	Merit determined by marks obtained in the respective

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	(Lateral Entry)		<p>BMIT both.</p> <p>Selection procedure: For admission to BMLT, BETCT, BOPT, BMIT, BOTT, BMR & HIM, BCLT, BDT Lateral Entry 3rd Semester Degree Courses will be made on the basis of merit determined by marks obtained in the respective Diploma course and/or interview.</p>	Diploma course and/or interview
25	B.Sc. Medical Record & Health Information Management (BMR & HIM)	15	On the basis of merit through AIPMT /NEET conducted by CBSE for MBBS programme, among the candidates, who apply for admission to BMR & HIM Degree Courses in Jamia Hamdard through Online Jamia Hamdard Application Form.	Through AIPMT/NEET rank/score, subject to fulfilling eligibility criteria
26	B.Sc.. in Medical Record & Health Information Management (BMR & HIM) 3rd Semester (Lateral Entry)	05	<p>A candidate must have passed a two year Diploma in respective course (after 10 +2) with 60% marks in the aggregate or 3 years Diploma after 10th examination from science stream, except for DXE where the student is eligible to apply for BCLT and BMIT both.</p> <p>Selection procedure: For admission to BMLT, BETCT, BOPT, BMIT, BOTT, BMR & HIM, BCLT, BDT Lateral Entry 3rd Semester Degree Courses will be made on the basis of merit determined by marks obtained in the respective Diploma course and/or interview.</p>	Merit determined by marks obtained in the respective Diploma course and/or interview
27	B.Sc.	25	On the basis of merit through AIPMT	Through

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	Cardiology Laboratory Techniques (BCLT)		/NEET conducted by CBSE for MBBS programme, among the candidates, who apply for admission to BCLT Degree Courses in Jamia Hamdard through Online Jamia Hamdard Application Form.	AIPMT/NEET rank/score, subject to fulfilling eligibility criteria
28	B.Sc. in Cardiology Laboratory Techniques (BCLT) - 3rd Semester (Lateral Entry)	05	A candidate must have passed a two years Diploma in respective course (after 10 +2) with 60% marks in the aggregate or 3 years Diploma after 10th examination from science stream, except for DXE where the student is eligible to apply for BCLT and BMIT both. Selection procedure: For admission to BMLT, BETCT, BOPT, BMIT, BOTT, BMR & HIM, BCLT, BDT Lateral Entry 3rd Semester Degree Courses will be made on the basis of merit determined by marks obtained in the respective Diploma course and/or interview.	Merit determined by marks obtained in the respective Diploma course and/or interview
29	B.Sc. Dialysis Techniques (BDT)	25	On the basis of merit through AIPMT /NEET conducted by CBSE for MBBS programme, among the candidates, who apply for admission to BDT Degree Courses in Jamia Hamdard through Online Jamia Hamdard Application Form.	Through AIPMT/NEET rank/score, subject to fulfilling eligibility criteria
30	B.Sc. in Dialysis Techniques	10	A candidate must have passed a two year Diploma in respective course (after 10 +2) with 60% marks in the aggregate or 3 years	Merit determined by marks

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	(BDT) - 3rd Semester (Lateral Entry)		<p>Diploma after 10th examination from science stream, except for DXE where the student is eligible to apply for BCLT and BMIT both.</p> <p>Selection procedure: For admission to BMLT, BETCT, BOPT, BMIT, BOTT, BMR & HIM, BCLT, BDT Lateral Entry 3rd Semester Degree Courses will be made on the basis of merit determined by marks obtained in the respective Diploma course and/or interview.</p>	obtained in the respective Diploma course and/or interview
31	Diploma in X-Ray & ECG Techniques	15	<ul style="list-style-type: none"> ▪ Passed Senior Secondary (12th Standard/Intermediate) examination with Physics, Chemistry and Biology from Central Board of Secondary Education or any other examination recognized by Jamia Hamdard as equivalent thereto and secured at least 45% marks in the aggregate. ▪ Appeared in the Interview conducted by Jamia Hamdard. <p>Selection Procedure: Admission to all Diploma courses in Jamia Hamdard shall be made through merit in the qualifying examination-cum-interview. The weightage of interview shall be 15%.</p>	Merit in the qualifying examination-cum-interview.
32	Diploma in Dialysis Techniques	15	-do-	Merit in the qualifying examination-cum-

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				interview.
33	Diploma in Operation Theatre Techniques	15	-do-	Merit in the qualifying examination-cum-interview.
34	Diploma in Medical Record & Health Information Management (DMR&HIM)	15	<ul style="list-style-type: none"> ▪ Passed Senior Secondary (12th Standard/Intermediate) examination with Physics, Chemistry and Biology from Central Board of Secondary Education or any other examination recognized by Jamia Hamdard as equivalent thereto and secured at least 45% marks in the aggregate. ▪ Appeared in the Interview conducted by Jamia Hamdard. <p>Selection Procedure: Admission to all Diploma courses in Jamia Hamdard shall be made through merit in the qualifying examination-cum-interview. The weightage of interview shall be 15%.</p> <p>If seats are available in DMR&HIM, candidates from non-sciences streams with at least 45% marks in the aggregate of subjects of Senior Secondary (12th Standard/Intermediate) are also eligible.</p>	Merit in the qualifying examination-cum-interview.
35	PhD Med. Biochemistry,	-	A candidate must have passed M.Sc. or MD in relevant subject from a recognized medical college/university with at least 55% marks in aggregate. For MSc degree holder - qualified NET-JRF/ NET-LS etc as	As per the procedure for admission in PhD

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			<p>mentioned in the ‘Procedure for Admission to PhD Program’. For MBBS holders – (i) Minimum 60% marks in MBBS, in aggregate, (ii) Evidence of research by way of publications, and (iii) Minimum one year service in concerned department as demonstrator</p> <p>Selection procedure: As per the ‘Procedure for Admission to PhD Program’ in JH</p>	
36	PhD Pharmacology offered by HIMSR	-	-do-	-do-
37	PhD Pathology, offered by HIMSR	-	-do-	-do-
38	PhD Medical Microbiology at HIMSR	-	-do-	-do-
39	PhD Medical Physiology, at HIMSR	-	-do-	-do-
40	PhD Medicine, offered by HIMSR	-	-do-	-do-

2. Faculty of Islamic Studies & Social Sciences

S. No	Programme	Seats/ Intake	Eligibility Criteria	Criteria for Admission
1	MA (Islamic Studies)	15	<p>Candidate must have a Bachelor’s degree in Islamic Studies or related disciplines with at least 45% marks. Students who have passed <i>Fazilat</i> (Graduation) with at least 45% marks from a Madrasa recognized by Jamia Hamdard or as per the guidelines prescribed for this purpose by the UGC if any are also eligible. Candidate should be proficient in English and Urdu/Arabic and have knowledge of the basic teachings of Islam.</p> <p>Note: Candidates applying for MA Islamic Studies are advised to read the list of Madrasas/ Boards/ Institutions recognized by Jamia Hamdard as mentioned in this Prospectus.</p> <p>Selection procedure: Admission to MA Islamic Studies will be made on the basis of merit determined by marks in the respective qualifying examination and/ or Interview.</p>	Merit in the qualifying examination and/ or Interview.
2	BA (Islamic Studies)	25	<p>Passed the Senior Secondary (12th Standard/ Intermediate) examination conducted by the Central Board of Secondary Education, or any other examination recognized by Jamia Hamdard, securing at least 45% marks in aggregate. Knowledge of Urdu is essential. Alternatively, he/she should have passed <i>Alim</i> from Madrasa Board or should have <i>Alimiyah</i> degree from Madrasas recognized</p>	Merit of qualifying examination and/or Interview

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			<p>by Jamia Hamdard, securing at least 45% marks.</p> <p>Admission to BA (Hons) Islamic Studies will be made on the basis of merit determined by marks in the respective qualifying examination and/ or Interview.</p>	
3	Part -Time Diploma course in Persian Language	20	<p>Candidates seeking admission to the Diploma Course in Persian must have passed a Certificate Course in Persian from any university or an examination recognized as equivalent thereof.</p> <p>Selection Procedure: Admission to the Diploma in Persian language will be made on the basis of merit, determined by marks in the respective qualifying examination and/or Interview.</p>	Merit of qualifying examination and/or Interview
4	Part -Time Certificate course in Persian Language	20	<p>Candidates seeking admission to the Certificate Course in Persian must have passed the Senior Secondary School Certificate Examination of the Central Board of Secondary Education, New Delhi or an examination recognized as equivalent thereof.</p> <p>Selection Procedure: Admission to the Certificate in Persian language will be made on the basis of merit, determined by marks in the respective qualifying examination and/or Interview.</p>	Merit of qualifying examination and/or Interview

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5	MA Human Rights	20	<p>Candidates seeking admission to this course must have secured 45% of marks in aggregate in their Bachelor’s examination.</p> <p>Selection procedure: Admission to MA (Human Rights) will be made on the basis of merit determined by marks in the qualifying examination and or Interview.</p>	Merit in the qualifying examination and / or Interview
6	M.Phil. Federal Studies	15	<p>Candidates seeking admission to the Master of Philosophy (M. Phil.) Programme must have passed Master's degree in any of the subject/discipline related to Federal Studies and have secured at least 55% marks at Master’s level. Candidate must appear in the interview conducted by Jamia Hamdard.</p> <p>Selection Procedure: Admission to M. Phil. programme shall be made on the basis of interview conducted by Jamia Hamdard.</p>	Interview
7	PhD Federal Studies	-	<p>(i) Passed with minimum 55% of marks in Post Graduation Examination or M Phil in Federal Studies or related disciplines.</p> <p>(ii) Qualified NET-JRF/NET-LS conducted by government agencies such as UGC./CSIR or as mentioned in the ‘Procedure for Admission to PhD Programme’ in this Prospectus.</p> <p>(iii) Appeared in the interview conducted by Jamia Hamdard.</p>	Interview

			<p>Selection Procedure: Admission to PhD programme shall be made on the basis of interview conducted by Jamia Hamdard. Foreign nationals with essential qualifications will have to qualify online test (Aptitude for the subject and English proficiency) before they are accepted for PhD Programme.</p>	
8	PhD. Islamic Studies	-	<p>Candidates seeking admission to PhD in Islamic Studies should have a Master’s degree in Islamic Studies or allied subjects with have at least 55% marks in aggregate or equivalent grade; and qualified NET-JRF/ NET-LS, as per the University guidelines for admission to PhD. Besides, the candidate must be proficient in English, and should appear for the interview conducted by Jamia Hamdard.</p> <p>Selection Procedure: Admission to the PhD programme shall be made on the basis of the interview of NET-JRF/ NET-LS qualified candidates, conducted by Jamia Hamdard. Foreign students possessing the essential qualifications will have to qualify an online test (Aptitude for the subject and English proficiency) before they are granted admission to the PhD programme.</p>	

3. Faculty of Management & Information Technology

S. No	Programme	Seats / Intake	Eligibility Criteria	Criteria for Admission
1	MBA (General) Summer/Winter Session	120	<p>(i) Bachelor's degree in any discipline with minimum 50% aggregate marks core CGPA 5 out of 10 point scale.</p> <p>(ii) Appeared in CMAT/MAT /GMAT/XAT/ GPAT/ATMA. University will accept scores of these tests during 12 months preceding 2015.</p> <p>Note: Those with 2 years' work experience/teaching; Foreign / NRI/Sponsored candidates are exempted from CMAT/MAT/GMAT/XAT/GPAT/ATMA. Their admission will be based on GD followed by interview.</p>	Through CMAT/MAT/GMAT /XAT/GPAT/ ATMA Score and GD & PI
2	MBA (Health & Hospital Management)	60	<p>Bachelor's degree in any discipline with minimum 50% aggregate marks or core CGPA 5 on a 10 point scale.</p> <p>Selection procedure: Candidates need to appear in MAT/CAT/CMAT/GPAT/ATMA. The score of these tests during 12 months preceding 2015 will be considered. Shortlisted candidates based on these tests will be called for GD/P.I.</p> <p>Exemption - Candidates with</p>	Through CMAT/MAT/GMAT /XAT/GPAT/ ATMA Score and GD & PI

			<p>MBBS/BUMS/BDS/BPT/BOT/B. Pharm. are exempted from MAT and other competitive examinations. Mid-career professionals with 3 years of experience are also exempted from these tests. They will be directly called for GD/P.I.</p> <p>Note: Those who have two years' work experience/teaching; and foreign / NRI/Sponsored candidates are exempted from CMAT/MAT/GMAT/XAT/GPAT/ATMA. Their admission will be based on GD followed by interview.</p>	
3	MBA (Pharmaceutical Management)	60	<p>Bachelor's degree in any discipline with minimum 50% aggregate marks or core CGPA 5 on a 10 point scale.</p> <p>Selection procedure: Candidates need to appear in MAT/CAT/CMAT/GPAT/ATMA. The score of these tests during 12 months preceding 2015 will be considered. Shortlisted candidates based on these tests will be called for GD/P.I.</p> <p>Exemption - Candidates with MBBS/BUMS/BDS/BPT/ BOT/B.Pharm. are exempted from MAT and other competitive examinations. Mid-career professionals with 3 years of experience are also exempted from these tests. They will be directly called for GD/P.I.</p>	Through CMAT/MAT/GMAT/XAT/GPAT/ ATMA Score and GD & PI

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			<p>Note: Those who have two years' work experience/teaching; and foreign / NRI/Sponsored candidates are exempted from MAT/CAT/CMAT/GPAT/ATMA. Their admission will be based on GD followed by interview.</p>	
4	BBA	120	<p>10+2 from any recognized board with 50% marks.</p> <p>Shortlisted candidates will have to appear in entrance test or interview conducted by JH</p>	Entrance test/interview
5	MCA	60	<ul style="list-style-type: none"> ▪ Passed B.Tech. / B.E. / B.Sc. (Engg) / BCA / B.Sc. (with Mathematics / IT / CS / Electronics / Physics as one subject passed) examination from a recognized institution/university securing at least 50% marks (or equivalent CGPA) in aggregate. ▪ Passed at least one paper of Mathematics at Senior Secondary (12th level) or Bachelor's level. ▪ Appeared in the Entrance Test/Interview conducted by Jamia Hamdard. <p>Selection procedure: An Entrance Test//Interview will be conducted based on the BCA syllabus of Jamia Hamdard.</p>	Entrance Test / Interview
6	M. Tech Computer Science - Weekend Programme	60	<p>A candidate seeking admission in M. Tech. Computer Science must have:</p> <ul style="list-style-type: none"> • Passed B.Tech./B.E. or equivalent degree in Computer Science / Computer Science and Engineering / Computer Engineering / Information Technology / 	Entrance Test/ Interview

			<p>Software Engineering/ ICT with atleast 50% marks (or equivalent CGPA) in aggregate.</p> <p>(Or)</p> <p>MCA or M.Sc.(CS), M.Sc.(IT), M.Sc.(Software Engineering), M.Sc. (Electronics) with atleast 50% marks (or equivalent CGPA) in aggregate.</p> <p>(Or)</p> <p>B.Tech./B.E. or equivalent degree in Electronics & Communication / Electronics Engineering / Electrical Engineering with atleast 50% marks (or equivalent CGPA) in aggregate.</p> <ul style="list-style-type: none"> ▪ Appeared in the Entrance Test/interview conducted by Jamia Hamdard. <p>Selection procedure: An Entrance Test/Interview will be conducted based on the syllabus of B. Tech. (CS/IT) / MCA Programs of Jamia Hamdard.</p>	
7	M.Tech. Information Security & Cyber Forensics	30	<p>50% or equivalent CGPA in B.Tech./BE in Computer Science/Computer Science & Engineering/Computer Engineering/Information Technology/Electronics & Communication/ Electronics Engineering or equivalent degree (OR) 50% or equivalent CGPA in MCA or in M.Sc in IT/Computer Science/Information Science & Technology/Electronics/Software Engineering or equivalent degree.</p>	Entrance Test

			<p>Appeared in the Entrance Test conducted by Jamia Hamdard.</p> <p>Selection procedure: An Entrance Test will be conducted based on the syllabus of B. Tech. (CS/IT) / MCA programmes of Jamia Hamdard.</p>	
8	M. Tech. Computer Science	30	<p>Passed B.Tech. / B.E. or equivalent degree in Computer Science / Computer Science and Engineering / Computer Engineering / Information Technology / Software Engineering / ICT with atleast 50% marks (or equivalent CGPA) in aggregate.</p> <p>(Or)</p> <p>MCA or M.Sc.(CS), M.Sc.(IT), M.Sc.(Software Engineering), M.Sc.(Electronics) with atleast 50% marks (or equivalent CGPA) in aggregate.</p> <p>(Or)</p> <p>B.Tech. / B.E. or equivalent degree in Electronics & Communication / Electronics Engineering / Electrical Engineering with atleast 50% marks (or equivalent CGPA) in aggregate.</p> <p>Appeared in the Entrance Test/Interview conducted by Jamia Hamdard.</p> <p>Selection procedure: An Entrance Test/Interview will be conducted based on the syllabus of B.Tech. (CS/IT) / MCA.</p>	Entrance Test/ Interview

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9	M. Tech. Bio-informatics	18	<p>Passed B.Tech. or M.Sc or equivalent degree in: Bioinformatics / Information Technology / Computer Science / Bioelectronics / Biophysics / Biomathematics / Biotechnology / Biochemistry / Life Sciences, or Pharmacy, or in any allied disciplines (as decided by Jamia Hamdard), or MCA degree, with at least 50% marks (or equivalent CGPA) in aggregate.</p> <ul style="list-style-type: none"> ▪ Appeared in the Entrance Test/Interview conducted by Jamia Hamdard. <p>Selection procedure: An Entrance Test/Interview will be conducted to test the knowledge of the candidates in Bioinformatics, Computer Science, Mathematics, Statistics, Physics, Chemistry, Biology, Biochemistry, Biotechnology.</p>	Entrance Test/ Interview
10	B. Tech. (Computer Science)	120	<p>Candidate seeking admission to this program must have passed Senior Secondary (12th / Intermediate) examination with Mathematics and Physics compulsory, and one subject out of the following: Computer Science, Chemistry, Electronics from CBSE or any other Board recognized by Jamia Hamdard as equivalent thereto, securing atleast 50% marks or equivalent CGPA in aggregate.</p> <p>Selection will be based on merit in Paper-1 (B.E. / B. Tech.) of JEE (Main), conducted by CBSE.</p>	Through JEE Paper 1 (Main) Rank/Score

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11	B. Tech. Electronics and Communicatio n Engineering	60	-do-	Through JEE Paper 1(Main) Rank/Score
12	BCA/B.Sc. (IT)	60	A candidate must have passed Senior Secondary (12 th Standard/Intermediate) examination with Mathematics as one of the passed subjects from CBSE or any other Board recognized by Jamia Hamdard as equivalent thereto, securing at least 50% marks or equivalent CGPA in aggregate (OR) passed Senior Secondary (12 th Standard/Intermediate) examination with Commerce background having one paper Accountancy, securing at least 50% marks or equivalent CGPA in aggregate; for these candidates a non-credit additional mathematics paper will be floated in the first semester. The admission to the BCA/B.Sc. (IT) programme will be on the basis of merit of the qualifying examination and/or interview to be conducted by Jamia Hamdard	Merit of the qualifying examinatio n and/or Interview
13	PhD Management		As per PhD guidelines for admission in PhD program.	As per PhD guidelines for admission in PhD program.
14	PhD Health Management		As per PhD guidelines for admission in PhD program..	As per PhD guidelines

				for admission in PhD program.
15	PhD Pharma. Management		As per PhD guidelines for admission in PhD program.	As per PhD guidelines for admission in PhD program.
16	PhD Computer Science		<ul style="list-style-type: none"> ▪ MCA / M.Sc. in Computer Science / IT or M.Tech. / ME in Computer Science/IT /Computer Engineering (or in allied field), with at least 60% marks (or equivalent CGPA) in aggregate from any University/Institution recognized by the Association of Indian Universities (AIU)/UGC/AICTE. ▪ If a candidate is qualified in NET-JRF/NET-LS/GATE or equivalent National Level Test conducted by Government agencies such as MHRD, UGC, CSIR having a valid score/card, he/she need not appear in the Written Test and may be shortlisted for the Interview conducted by Jamia Hamdard. <p>Selection Procedure: For Indian candidates (including Teachers of Jamia Hamdard) not holding NET-JRF/NET-LS/GATE or equivalent National Level test conducted by Government Agencies such as MHRD, UGC, CSIR, admission to PhD. Programme in Computer Science and Engineering shall be made on the basis of performance in the</p>	Written Test followed by an Interview

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			Written Test followed by an Interview of the eligible candidates conducted by Jamia Hamdard.	
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4. Faculty of Medicine (Unani)

S. No.	Programme	Seats/ Intake	Eligibility Criteria	Criteria for Admission
1	MD Ilmul Advia	3	<p>Passed BUMS Examination, securing at least 55% marks in the aggregate from Jamia Hamdard or from any other University recognized by Jamia Hamdard; completed the compulsory internship; appeared in the Entrance Test conducted by Jamia Hamdard.</p> <p>Note:</p> <ul style="list-style-type: none"> • 10% weightage of total marks secured in the test will be given to the wards of the employees of Jamia Hamdard. • No stipend is available to the students of MD (Moalajat), MD (Ilmul Advia) and MD (Tahaffuzi-wa-Samaji Tib) from the Department of AYUSH, Ministry of Health and Family Welfare, Government of India. Depending on the availability of resources, Jamia Hamdard may consider providing stipend (Hkm. Abdul Hameed Scholarship) of Rs. 2,500/- per month to some deserving students. • MD Moalajat students may be posted in the Hospital of the University. • Jamia Hamdard Alumini if applying as In-Service candidates and if qualifying for 	Entrance Test and/or interview

			<p>admission as per Jamia Hamdard admission rules and regulations, will be considered as In-service candidates provided the employing institution issues NOC to them.</p> <p>Selection Procedure: The selection will be made on the basis of merit determined by the performance of the candidates in the entrance test conducted by Jamia Hamdard. The question paper will be based on the general syllabus on BUMS. Applicants are advised to refer to the general admission guidelines in this prospectus.</p>	
2	MD Moalijat	3	-do-	Entrance Test and/or interview
3	MD Tahaffusi wa Samaji Tib	3	-do-	Entrance Test and/or interview
4	BUMS Gen &SFS	40	<p>A candidate must have passed <i>Fazil</i> from Madarsa/Institution recognized by CCIM and must have studied Arabic and Falsafa; and appeared in Entrance Test conducted by Jamia Hamdard.</p> <p>Selection procedure: An Entrance Test will be conducted in Urdu language to test the knowledge of the candidates in General Awareness and oriental subjects (Tafseer, Hadees, Fiqah, Usool-e-Fiqah, Mantique, Falsafa, Arabic Adab, Seerat, Tareekh-e-Islam and General Scientific Awareness). The question paper shall comprise of</p>	Entrance Test

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			descriptive questions. There will be an English component in Entrance test to test the knowledge of English language.	
5	BUMS - Through Pre Tib	10	On the basis of merit through AIPMT/NEET conducted by CBSE for MBBS from amongst the candidates who apply for BUMS admission in Jamia Hamdard. Such candidates are required to submit their high school certificate of Urdu / Arabic or Persian language as a subject along with their application on online admission portal of BUMS program on University website. The candidates who will not submit such certificates will be required to appear in the test of Urdu conducted by Jamia Hamdard. Date of the test will be announced later.	Through AIPMT/NEET rank/score, subject to fulfilling eligibility criteria
6	Pre-Tib	10	A candidate must have passed <i>Fazil</i> from Madarsa/Institution recognized by CCIM and must have studied Arabic and Falsafa; and appeared in Entrance Test conducted by Jamia Hamdard. Selection procedure: An Entrance Test will be conducted in Urdu language to test the knowledge of the candidates in General Awareness and oriental subjects (Tafseer, Hadees, Fiqah, Usool-e-Fiqah, Mantique, Falsafa, Arabic Adab, Seerat, Tareekh-e-Islam and General Scientific Awareness). The question paper shall comprise of descriptive questions. There will be an English component in Entrance test to test the knowledge of English language.	

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7	Certificate Course of Unani Dispenser	4	<p>A candidate must have passed <i>Aalim</i> Examination from a Madarsa/Institution recognized by Jamia Hamdard (OR) Intermediate (10+2) qualification in any discipline with knowledge of Urdu.</p> <p>Selection procedure: Admission to Certificate Course of Unani Dispenser will be made through merit in the qualifying examination-cum-interview. The weightage of interview conducted by Jamia Hamdard shall be 15%.</p>	Merit of qualifying examination-cum- interview
	Total seats	73		

5. Faculty of Nursing

S. No.	Programme	Seats/ Intake	Eligibility Criteria	Criteria for Admission
1	M. Sc. Nursing Obs. & Gynaecology	6	<ul style="list-style-type: none"> ▪ Passed B.Sc..Nursing / B.Sc. (Hons) Nursing / Post Basic B.Sc.. Nursing with minimum of 55% marks in aggregate from an Institution recognized by Indian Nursing Council. ▪ A Registered Nurse and Registered Midwife Certificate or equivalent with any State Nursing Registration Council. ▪ At least one year of work experience prior or after Post Basic B.Sc. Nursing/B.Sc.-Nursing (after registering as RN and RM). ▪ Appeared in the Entrance Test conducted by Jamia Hamdard. <p>Selection procedure: The applicants for admission to the MSc-Nursing programme shall have to appear in the Entrance test. The</p>	Entrance Test

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			test paper will comprise of questions based on general syllabus of B.Sc. (Hons.) Nursing.	
2	MSc Nursing (Psychiatric Nursing) (Gen. SFS)	6	-do-	Entrance Test
3	MSc Nursing (Community Health Nursing) (Gen. SFS)	5	-do-	Entrance Test
4	MSc Nursing (Medical Surgical Nursing) (Gen. SFS)	6		
5	MSc-Nursing (Peadiatric) (Gen. SFS)	2	-do-	Entrance Test
6	Post-Basic B.Sc. Nursing	20	<p>A candidate must have</p> <ul style="list-style-type: none"> ▪ DGNM qualification from Nursing School/College recognized by Indian Nursing Council ▪ 10+2 or Senior Secondary/Intermediate from CBSE or any other equivalent examination recognized by Jamia Hamdard and appeared in the Entrance Test/Interview conducted by Jamia Hamdard ▪ Registered as RN(Registered Nurse) and RM(Registered Midwife) under State Nursing Council 	Entrance Test and Interview

			<ul style="list-style-type: none"> ▪ Candidate should be able to communicate in English ▪ Candidate should be medically fit <p align="center">Selection Procedure: The applicant for admission to the Post Basic B.Sc. Nursing programme shall have to appear in the Entrance Test and Interview. The questions will be based on DGNM syllabus as per INC</p>	
7	B.Sc. Nursing (Hons)	50	<p>Selection will be made on the basis of merit through AIPMT/NEET conducted by CBSE, among the candidates, who apply for admission to B.Sc. (Hons) Nursing (General and SFS) Degree Course in Jamia Hamdard through Online Jamia Hamdard Application Form.</p> <p>Non AIPMT candidates may also apply. Although AIPMT qualified candidates will be preferred, non-AIPMT applicants may be considered on the basis of merit in qualifying examination-cum-interview. The weightage of interview shall be 15%</p>	Through AIPMT/NEET rank/score, subject to fulfilling eligibility criteria
8	DGNM	40	<ul style="list-style-type: none"> ▪ 10+2 class passed in Science/Arts/Commerce from recognized Board under ASSCE/CBSE/ICSE/SSCE/HSCE or any other Board recognized by Jamia Hamdard as equivalent thereto; must have secured 50% marks in 10+2 examination; must have appeared in entrance test conducted by Jamia Hamdard. ▪ Candidate must have passed in any four 	Entrance Test

			<p>subjects including English (3 subjects + English) from the list given below.</p> <ul style="list-style-type: none"> ▪ The subjects for admission to DGNM are a) Physics, b) Chemistry, c) Biology, d) Mathematics, e) English, f) Commerce, g) Accountancy, h) Economics, i) Business Studies, j) Computer Science/Informatics/Word processing/Multimedia, k) Geography, l) Sociology, m) History, n) Civics, o) Psychology, p) Political Science, q) Home Science. ▪ Candidate must have passed in all the subjects of 10+2 (five subjects as per the CBSE policy). ▪ Candidate should be able to communicate in English ▪ Candidate should be medically fit ▪ Minimum and maximum age for admission in this program of study is 17 and 35 years respectively <p align="center">Selection Procedure: Admission to DGNM course in Jamia Hamdard shall be made through entrance examination and interview conducted by Jamia Hamdard.</p>	
9	PhD (Nursing)	-	The doctoral programme in Nursing has been started with an objective to prepare the Nurses to conduct the research relevant to Nursing practice, education and research including clinical research, further the development of nursing theories to contribute	Entrance Test and Interview

		<p>to nursing science and to display the leadership skills in nursing.</p> <p>Duration (Full Time): Minimum two years after six months mandatory course work</p> <p>Seats: As per the availability of supervisor</p> <p>Eligibility:</p> <ul style="list-style-type: none"> ▪ A post graduate degree in Nursing recognized by Indian Nursing Council (INC) ▪ At least 55% marks in MSc Nursing ▪ Appeared in the Entrance Examination and Interview conducted by Jamia Hamdard ▪ Preference will be given to candidate with working experience <p>Selection Procedure: Admission to PhD-Nursing programme shall be made on the merit determined by the marks in MSc Nursing, Entrance Examination and interview of the candidates conducted by Jamia Hamdard.</p> <p>Registration procedure: Entrance Test and Interview will be conducted by Jamia Hamdard. The list of selected candidates as per University norms will be notified for admission to PhD course, subject to the approval by Board of Research Studies (BRS) of the Faculty of Nursing.</p> <ul style="list-style-type: none"> ▪ A student may select a supervisor based 	
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			<p>on the topic of his/her study in consultation with the Doctoral Committee/BRS of the Faculty which may moderate the topic and change the research supervisor if required.</p> <ul style="list-style-type: none"> ▪ Once the recommendations of the Doctoral Committee/BRS are approved by the competent authority, the admission will be duly notified by the University. 	
	Total seats	135		

6. Faculty of Pharmacy

S. No.	Programme	Seats/ Intake	Eligibility Criteria	Criteria for Admission
1	M. Pharm. (Pharmaceutical Chemistry)	10	<ul style="list-style-type: none"> ▪ Passed B Pharm / B Pharm (Unani) examination or any other examination recognized by Jamia Hamdard or an institution recognized by Jamia Hamdard and AICTE, securing at least 50% marks in the aggregate of theory papers and practicals. ▪ Qualified GPAT (with valid score card) ▪ Appeared in the Entrance Test conducted by Jamia Hamdard <p>Note:</p> <ul style="list-style-type: none"> i. Non-GPAT candidates may be eligible only for seats under NRI / Sponsored category, in case GPAT qualified candidates are not available. ii. For consideration under the Sponsored 	Entrance Test/GPAT

			<p>category, candidates should have a two year full-time work experience in a registered firm / industry / educational institution. If experienced candidates are not available, consideration to fresh candidates may be given.</p> <p>For NRI/ Sponsored category, candidates have to appear in written Entrance Test and Interview (date and time will be announced in due course of time)</p> <p>Selection Procedure: The applicants for admission to the M Pharm programme (General and NRI / Sponsored category) shall have to appear in the written entrance test. The test paper will comprise of questions based on general syllabus of B Pharm. The selection will be made on the basis of the merit prepared by apportioning the following weightages:</p> <ul style="list-style-type: none"> • Weightage of score in GPAT 50% (under general category) • Weightage of Entrance test conducted by Jamia Hamdard 50%. • Weightage of Interview 50% (under NRI/Sponsored category candidates) 	
2	M Pharm (Pharmaceutics)	18	-do-	Entrance Test/GPAT
3	M Pharm (Pharmacog. & Phytochem.)	8	-do-	Entrance Test/GPAT

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4	M Pharm (Pharmacology)	18	-do-	Entrance Test/GPAT
5	M Pharm (Quality Assurance)	8	-do-	Entrance Test/GPAT
6	M Pharm (Pharmacy Practice)	8	-do-	Entrance Test/GPAT
7	M Pharm (Pharmaceutical Biotechnology)	5	-do-	Entrance Test/GPAT
8	M Pharm (Pharmaceutical Analysis)	8	-do-	Entrance Test/GPAT
9	B Pharm	120	On the basis of merit through AIPMT/NEET conducted by CBSE for MBBS, among the candidates, who apply for B Pharm- Regular Or B Pharm- SFS admission in Jamia Hamdard through Jamia Hamdard Application Form.	Through AIPMT/NEET rank/score, subject to fulfilling eligibility criteria
10	B Pharm II yr. (Lateral entry) Gen. & SFS	12	<ul style="list-style-type: none"> ▪ Passed Diploma in Pharmacy examination of Jamia Hamdard or from any other recognized institution with 50% marks in the aggregate. ▪ Passed 10+2 examination from CBSE or any other board recognized by JH as equivalent thereto with PCB. 	Merit determined by marks obtained in D Pharm course and or

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			<p>Selection procedure:For admission to B Pharm II Year (Regular or SFS through lateral entry) will be made on the basis of merit determined by marks obtained in D Pharm course and or Interview.</p>	Interview.
11	D Pharm.	60	<ul style="list-style-type: none"> ▪ Passed Senior Secondary (12th Standard/Intermediate) examination with Physics, Chemistry and Biology from Central Board of Secondary Education or any other examination recognized by Jamia Hamdard as equivalent thereto, securing at least 45% marks in the aggregate and also in the aggregate of Physics, Chemistry and Biology. ▪ Appeared in the interview conducted by Jamia Hamdard. ▪ Completed the age of 17 years on or before 31st December 2015 as per PCI norms <p>Selection Procedure: Admission to D Pharm programme shall be made through merit in qualifying examination-cum-interview (Weightage of interview will be 15%).</p>	Merit in qualifying examination-cum-interview
12	PhD Pharmacology, offered by Faculty of Pharmacy	-	<p>Candidates should have:</p> <ul style="list-style-type: none"> ▪ Passed M Pharm from Jamia Hamdard or from any other institution, recognized by AICTE and Jamia Hamdard in the relevant subject securing at least 55% marks in the aggregate or equivalent grade. 	Written test/GPAT score followed by an interview

		<ul style="list-style-type: none"> ▪ Candidate having MSc degree in Clinical Research with minimum 55% marks or equivalent grade shall be eligible to be considered for admission to PhD programme in Pharmacology subject to the condition that he/she possesses B. Pharm degree. ▪ The candidates from Bioscience/Life Science stream with NET-JRF/NET-LS may also apply for different disciplines in PhD in Pharmacy. ▪ Preference shall be given to GPAT / GATE qualified candidates. ▪ Appeared in the Entrance Test/Interview or both conducted by Jamia Hamdard. <p>Selection procedure: Admission to PhD programme shall be made on the basis of written test/GPAT score followed by an interview of shortlisted candidates, conducted by Jamia Hamdard. The test paper will comprise of questions (75% objective and 25% subjective) based on the MPharm syllabus of respective discipline. The interview will be based on the M Pharm syllabus of the relevant discipline.</p> <p>Foreign students with essential qualification may have to qualify Online test (Aptitude for the subject and English proficiency) before they are accepted for PhD programme. However, Foreign national candidates who</p>	
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			<p>have possessed a PG programme from Jamia Hamdard shall be exempted such eligibility test.</p> <p>Candidates with M Pharm in allied discipline viz Quality Assurance/ Pharmaceutical Biotechnology/ Pharmaceutical Analysis/ Pharmacy Practice shall have to attempt the section of question paper specified/desired by them.</p> <p>Note: Students admitted to PhD programme will be required to qualify in the PhD coursework in prescribed duration of time, as per the PhD guidelines.</p>	
13	PhD (Pharmaceutics)	-	-do-	Written test/GPAT score followed by an interview
14	PhD (Pharmacognosy & Phytochemistry)	-	-do-	Written test/GPAT score followed by an interview
15	PhD (Pharmaceutical Chemistry)	-	-do-	Written test/GPAT score followed by an interview
16	PhD		-do-	Written

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	(Pharmacology with Specialization in Pharmacy Practice)			test/GPAT score followed by an interview
17	PhD (Pharmaceutics with specialization in Quality Assurance)		-do-	Written test/GPAT score followed by an interview
18	PhD (Pharmacognosy & Phytochemistry with specialization in Pharmaceutical Biotechnology)		-do-	Written test/GPAT score followed by an interview
19	PhD (Pharmaceutical Chemistry with Specialization in Pharmaceutical Analysis)		-do-	Written test/GPAT score followed by an interview

20	PhD Pharmaceutic al Medicine	<p>Candidates should have</p> <ul style="list-style-type: none"> ▪ Passed M Pharm from Jamia Hamdard or from any other institution recognized by AICTE and Jamia Hamdard in Pharmacology / Hospital Pharmacy / Clinical Pharmacy / Pharmaceutics or MBBS degree from a recognized institution. Preference will be given to MD / DNB degree holders in Pharmacology / Medicine / Clinical Pharmacology. Candidates with MSc degree in Pharmacology may also be considered. The required percentage is 55% in aggregate in the relevant subject or equivalent grade. ▪ Candidate having MSc degree in Clinical Research with minimum 55% marks or equivalent grade shall be eligible to be considered for admission to PhD programme in Pharmaceutical Medicine. These candidates will require to qualify the Jamia Hamdard Entrance Test, if they have not qualified NET or equivalent test. ▪ The candidates from Biosciences/ Life Science stream with NET-JRF/NET-LS may also apply for different disciplines in PhD in Pharmacy. <p>Selection procedure: Admission to PhD programme shall be made on the basis of Entrance Test followed by an interview of</p>	Entrance Test followed by an interview
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			short listed candidates conducted by Jamia Hamdard. The test paper will comprise of questions (75% objective and 25% subjective) based on syllabus of respective discipline.	
	Total seats	275		

7. Faculty of Science

S. No.	Programme	Seats/ Intake	Eligibility Criteria	Criteria for Admission
1	MSc. Biochemistry (Gen. &SFS)	25	<ul style="list-style-type: none"> ▪ Passed B.Sc in Bio-chemistry or equivalent examination in Biological sciences with Bio-chemistry or Chemistry as one of the subjects securing at least 45% marks in aggregate. ▪ Appeared in the Entrance Test conducted by Jamia Hamdard. 	Entrance Test
2	MSc. Botany (Gen. &SFS)	30	<ul style="list-style-type: none"> ▪ Passed B.Sc. or equivalent examination of a recognized university with Botany/Plant Sciences as one of the subjects securing at least 45% marks in the aggregate. ▪ Appeared in the Entrance Test conducted by Jamia Hamdard. 	Entrance Test
3	MSc. Chemistry (Gen. &SFS)	25	<ul style="list-style-type: none"> ▪ Passed B.Sc. or equivalent examination from a recognized University with Chemistry as one of the subjects securing at least 45% marks in the aggregate. ▪ Appeared in the Entrance Test Conducted by Jamia Hamdard. 	Entrance Test
4	MSc. Biotechnology (Gen. &SFS)	40	<ul style="list-style-type: none"> ▪ Passed B.Sc. examination from a recognized University in Biological Sciences with a minimum of 45% marks in aggregate. The candidates having passed B.Sc. (Agriculture) or BVSc are 	Entrance Test

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			<p>also eligible.</p> <ul style="list-style-type: none"> ▪ Appeared in the Entrance Test conducted by Jamia Hamdard. 	
5	MSc. Toxicology (Gen. &SFS)	30	<ul style="list-style-type: none"> ▪ A bachelor's degree of Science (B.Sc.) with any three of the following subjects: Botany, Chemistry, Zoology, Biochemistry, Biotechnology, Microbiology, Environmental Biology or a subject of Life Sciences securing atleast 45% marks in the aggregate. Candidates who have studied Biology at 10+2 level and have B. Pharm. / B.V.Sc. / B.Sc. (Agriculture) / BMLT and other paramedical or allied sciences degree securing atleast 45% marks in the aggregate are also eligible. ▪ Appeared in the Entrance Test conducted by Jamia Hamdard. 	Entrance Test
6	MSc (Clinical Research)	25	<p>Candidates with any of the following qualifications from a university recognized by Jamia Hamdard, with at least 45% marks in aggregate, shall be eligible for admission to this programme:</p> <ul style="list-style-type: none"> ▪ MBBS / BDS / BAMS / BUMS / BVSc./B.Pharm/B.Sc.-Nursing/BOT/ BPT/ B.Sc.-Medical Lab. Techniques/B.Sc. with Biochemistry/ Biotechnology/ Microbiology/ Zoology/ Bioinstrumentaion or any other life sciences / allied health sciences. ▪ Appeared in the Entrance Test or interview conducted by Jamia Hamdard. 	Entrance Test or Interview
7	PhD	-	Candidates desirous of admission to PhD.	Interview

	(Biotechnology)		<p>programme in Faculty of Science must have:</p> <ul style="list-style-type: none"> ▪ Passed M.Sc. in the relevant subject securing at least 55% marks in the aggregate or equivalent grade. Department of Biotechnology and Department of Medical Elementology and Toxicology accept candidates to PhD. programme who possess MSc degree in Chemistry or any subject of Biological Sciences. ▪ Candidate having M.Sc. degree in Clinical Research with minimum 55% marks or equivalent grade shall be eligible to be considered for admission to PhD. programme in Toxicology and Biotechnology subject to condition that he/she has qualified NET-JRF /NET-LS or equivalent National level test conducted by government agencies such as UGC/ CSIR etc ▪ Qualified NET-JRF /NET-LS or equivalent National level test conducted by government agencies such as UGC/ CSIR Or as mentioned under the Procedure for Admission to PhD. Programme in this Prospectus ▪ The Candidates from Pharmacy stream may also apply for different disciplines in PhD. in Science subject to NET-JRF/NET-LS qualification. ▪ Appeared in Interview conducted by Jamia Hamdard. 	
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8	PhD (Toxicology)	-	-do-	Interview
9	PhD (Chemistry)	-	-do-	Interview
10	PhD (Botany)	-	-do-	Interview
11	PhD (Biochemistry)	-	-do-	Interview
	Total seats	175		

8. Faculty of Engineering & Inter-disciplinary Science

S. No.	Programme	Total Seats		
1	M. Tech. Food Technology	18	<ul style="list-style-type: none"> ▪ B. Tech. in Food/ Dairy /Agriculture /Chemical/ Biotechnology and Mechanical Engineering or MSc in Food Science/Chemistry/ Biochemistry or allied disciplines or BPharm with at least 55% marks in aggregate; appeared in the Entrance Test conducted by Jamia Hamdard. <p>Selection procedure: An Entrance Test will be conducted to test the knowledge of the candidates in Physics, Chemistry, Biology, Maths, Biochemistry, Biotechnology and Food Science of B.Sc. level</p>	Entrance Test
2	PhD Food & Fermentation Technology	-	<ul style="list-style-type: none"> ▪ Candidates having passed MTech (Food Technology), MTech (Biotechnology) MSc (Food Science), MPharm (Pharmaceutics/ Pharmacognosy & Phytochemistry/ Pharmaceutical Biotechnology), MSc (Biotechnology) or 	Interview

			<p>MSc (Biochemistry) with minimum of 55% marks or equivalent grade from a recognized University/Institute.</p> <ul style="list-style-type: none"> ▪ Qualified NET-JRF or equivalent test recognized by the UGC/Jamia Hamdard in case of MSc or qualified GATE in case of MTech or GPAT in case of MPharm with good ranking; appeared in interview conducted by Jamia Hamdard for the purpose. 	
3	PhD Chemo-informatics	-	<p>A candidate must have</p> <ul style="list-style-type: none"> ▪ Master degree with minimum of 55% marks in aggregate in subjects such as Chemistry, Biotechnology, Biochemistry, Microbiology, Toxicology, Pharmaceutical Chemistry, Information Technology and other allied subjects having relevance to Chemoinformatics from a recognized University/Institute ▪ Qualified NET-JRF /NET-LS or equivalent National level test conducted by government agencies such as UGC/ CSIR or as mentioned under the Procedure for Admission to PhD Program in this Prospectus <p>Appeared in interview conducted by Jamia Hamdard</p>	Interview
4	PhD Bioinformatics	-	<p>A candidate must have</p> <ul style="list-style-type: none"> ▪ Masters degree with minimum of 55% marks in aggregate in subjects such as 	Interview

			<p>Bioinformatics, Biotechnology, Biochemistry, Microbiology, Toxicology, Pharmacology, Information Technology and other allied subjects having relevance to Bioinformatics from a recognized University/Institute.</p> <ul style="list-style-type: none"> ▪ Qualified NET-JRF /NET-LS or an equivalent national level test conducted by government agencies such as UGC/ CSIR or as mentioned under the Procedure for Admission to PhD Program in this Prospectus. ▪ Appeared in interview conducted by Jamia Hamdard. <p>Selection procedure: Admission to PhD program shall be made on the basis of interview of the eligible candidates conducted by Jamia Hamdard.</p>	
	Total seats	18		

2.1.3. Provide details of admission process in the affiliated colleges and the university's role in monitoring the same.

JH has no affiliated college. It has an off-campus at Kannur, Kerala, which is approved by the UGC, and is only 3 years old. It offers BA English, BBA, BCA and B. Com.

2.1.4. Does the university have a mechanism to review its admission process and student profile annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?

Yes, the admission and examination process is thoroughly reviewed each year, and the report is submitted to IQAC through the Office of the Vice Chancellor. Based on the review outcome, the University takes decision with regard to its programs - certain programs may be revised or discontinued, while new programs are introduced.

JH is a Muslim minority organization, where 50% seats in all disciplines – except PhD – are reserved for applicants from Muslim minority community. However, weightage is given to candidates belonging to SC/ST/OBC category.

2.1.5. What are the strategies adopted to increase / improve access for students belonging to the following categories:

Although declared as a Muslim minority institute, Jamia Hamdard has followed an all-inclusive policy since establishment. It welcomes students from all sections of the society, and has special provision for SC/ST/OBC candidates.

a. SC-ST:

Weightage of 5% of marks obtained in the Entrance Test / Interview is given to candidates belonging to this class of society, except for admission in MBBS.

b. Women:

University is committed for the education and welfare of girl students, especially belonging to backward classes and minorities. In particular,

- All girl students, irrespective of the category, are provided accommodation exclusively in the main campus to provide an atmosphere of safety and security and also mental peace for the parents/guardians.
- University also provides few scholarships exclusively for girl students, in addition to various schemes of Govt. of India to support girl child: Mrs. Shakila Naqvi Merit Scholarship - for a (Muslim) female student of MSc II year securing highest marks in MSc I year, and Tasneema Fellowship – for a female student of M.Sc.Toxicology II yr, for studies on Regulatory Toxicology.

These efforts are reflected in the fact that the overall percentage of girl students at JH is more than 50% of total intake each year. In few programs, such as Master's programs in Faculty of Science, the proportion of girls is much above the overall percentage.

In addition, Jamia Hamdard has women welfare and protection bodies such as SPOSH and Equal Opportunity Cell to strengthen the confidence of women students enrolled here.

c. Differently-abled

10% weightage in marks (obtained in the Entrance Test / Interview (other than MBBS) is given to the applicants belonging to this class. Two seats have also been reserved for candidates with locomotory disability as per MCI norms.

In addition, the Equal opportunity cell also looks into the matters related to the differently-abled students to ensure their equal participation in all student-related activities. Special facilities, such as ramps, are created in hostels, academic buildings and library for differently-abled students.

d. Economically-weaker sections

University provides the fellowships in various courses to encourage economically weaker students. There are some merit-cum-means scholarships that are given to the students. Apart from this fee concession is also given to the students belonging to economically weaker sections. In addition, university teachers are engaged in promotional activity and career counseling in areas with large population of educationally and economically weaker sections in order to sensitize them.

2.1.6. Number of students admitted in university departments in the last five academic years:

Category	2015-16		2014-15		2013-14		2012-13		2011-12	
	M	F	M	F	M	F	M	F	M	F
SC/ST	19	32	14	24	-	-	-	-	-	-
OBC	122	102	-	-	-	-	-	-	-	-
General	762	797	917	781	896	682	829	697	798	616
Others	-	-	1	-	-	-	-	-	-	-
Total	903	931	932	805	896	682	829	697	798	616

2.1.7. Has the university conducted any analysis of demand ratio for the various programmes of the university departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase / decrease.

There is a comprehensive analysis of demand ratio in various programs being offered by the university. Inputs from this analysis are utilized in designing the strategies every year before the commencement of admission process. For instance, the following data represents the information for admission to 2015-16 session.

Programme	No. of applicants	No. of students admitted	Demand ratio
UG	14543	1002	1:14.51
PG	2628	654	1:04.01
PhD	383	27	1:14.18
M.Phil.	10	7	1:01.43
Diploma	472	153	1:03.08
Certificate	102	18	1:05.67
Overseas programmes offered on campus	-	-	-

Highlights of the analysis indicate:

- An increase in demand of UG Programmes. Presently the Demand Ratio is 14:1. The programmes which are particular in demand include MBBS, BUMS, B. Pharm., B. Tech., BMLT, BP, etc.
- An average Demand Ratio is PG Programmes of study 6:1. The analysis revealed a less demand in programmes offered in Humanities and Management. Besides, few programs were revisited or discontinued in past five years.

2.1.8. Were any programmes discontinued/staggered by the university in the last five years? If yes, please specify the reasons.

The list of programmes discontinued during last five year due to uncertainty in placement:

S.No.	Programme	Year of Discontinuation
1.	MBA Public Health Informatics	2011-12
2.	Certificate Programme in Unani Medicine	2011-12
3.	BOT 3 rd Year Lateral Entry	2012-13
4.	Post Basic B.Sc. Nursing (Restarted in 2013-14)	2012-13
5.	PhD Pharmaceutical Biotechnology	2012-13
6.	PG Diploma in Biotechnological Techniques	2012-13
7.	BPT 3 rd Year Lateral Entry	2013-14
8.	M.Sc. Bioelectronics	2014-15
9.	B. Tech Information Technology	2014-15
10.	B. Pharm Unani	2014-15
11.	B. Pharm Unani SFS	2014-15
12.	B. Pharm Unani Lateral Entry	2014-15
13.	B. Pharm Unani Lateral Entry SFS	2014-15
14.	D. Pharm Unani	2014-15
15.	Integrated MSc PhD in Clinical research Moalijat Unani	2014-15
16.	MD (Unani) Ilmu Advia Inservice Course	2014-15
17.	MD (Unani) Moalijat Inservice Course	2014-15

18.	MD (Unani) Tahaffuzi wa Samaji Tib Inservice Course	2014-15
19.	M.Sc. and PhD in Medical Physiology	2014-15
20.	Certificate Course in Unani Medicine for Foreign National	2015-16
21.	M.Sc. Computer Science	2015-16

2.2. Catering to Student Diversity

2.2.1. Does the university organize orientation / induction programme for freshers? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.

- a. Academic requirements of different courses:

For Undergraduate Students:

Orientation and Induction programmes are organized at the faculty level for all newly admitted batches each year. Some Faculties also invite eminent personalities in their areas from industry / academia / society for interaction with newly admitted students. These programmes are designed keeping in view the specific students' profile and course needs of respective faculties. The major issues covered are: to emphasize the vision and mission of the university, to apprise the students with the available infrastructure facilities, students support facilities, learning resources, traditions of university, placement avenues and scholarship related issues. The program duration is variable, from one day to several days.

For Post Graduate Students:

Orientation and Induction programmes are also organized at the faculty level for all newly admitted PG students in various Faculties, as above.

2.2.2. Does the university have a mechanism through which the “differential requirements of the student population” are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

The differential requirement of students is analyzed at the department level. The Faculty members assess the capabilities of students, and if required, a mentor is assigned to

a/particular group of students. Students with poor communication skills are encouraged to join personality development/English classes co-ordinated by Office of the Foreign Student's Advisor. The key highlights of the methodology include:

- Special counselling of weak students
- Efforts to enhance reading and writing ability
- Seminars to improve communication skills
- Participation in project work
- Access to wi-fi and Sci-finder as an online learning tool
- Giving responsibilities to organize department/faculty level events
- Counselling and placement support

2.2.3. Does the university offer bridge/remedial/add-on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

Jamia Hamdard offers a one year bridge course, Pre-Tibb in the faculty of Medicine (Unani), for students from oriental (Madarsa) background, where they learn basic sciences and after passing this course they become eligible for admission to BUMS programme.

Tutorial classes are part of the time-table in every subject and caters for all the students admitted in different courses.

2.2.4. Has the university conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, physically handicapped, slow learners, etc.? If yes, what are the main findings?

The students who come from Hindi medium schools/colleges and also foreign nationals from certain countries, have been observed to lack proper communication skills, although some of them are very good with regard to their subject knowledge. The University arranges English classes for these students, besides focusing on their overall personality development.

2.2.5. How does the university identify and respond to the learning needs of advanced learners?

The meritorious and outstanding students are identified and are given fellowship in order to encourage them to put more efforts in academics.

The University also provides these students opportunity to work with major companies, where these students are provided fellowship and contingency grant to carry out research work at PG level.

2.3. Teaching-Learning Process

2.3.1. How does the university plan and organize the teaching, learning and evaluation schedules (academic calendar, teaching plan, evaluation blue print, etc.)?

a. Academic Calendar:

The academic calendar is prepared each year involving high level deliberations, and is approved by the academic council. It is prepared and circulated every year before the start of the academic session and commencement of classes, and is strictly followed.

b. Master Plan:

The University has adopted the UGC recommended CBCS, except for those programs which are governed by the councils, such as MCI, CCIM etc. The University is working on the concept of meta-University.

c. Teaching Plan:

A well-organized teaching plan for the whole semester is prepared before the commencement of classes, involving the faculty members at the department level. The same is checked and approved by the respective Dean after modifications, if necessary. It is ensured that the teaching is completed within the stipulated time as per the academic calendar. In case, any teacher goes on leave for official or personal reasons, he/she is required to make up for the time lost through extra classes.

d. Rotation Plan:

Teachers in one Faculty/Department are involved in teaching in other Faculties/Departments.

e. Course Plan:

The syllabus is discussed and reviewed in Board of Studies every few years and is updated.

f. Unit Plan:

The Unit plan is provided before immediately to all students in the beginning of the semester.

g. Evaluation Blue Print:

There is a continuous evaluation system for the students. The internal assessment includes assessment through assignments/presentations and written tests; besides, giving a small weightage to regularity and punctuality of students. There is an end-semester exam after every semester. The dates of internal assessments and end-semester exams are announced well before time in the academic calendar. Most results – except where there is delay due to submission of project etc – the results are declared within 15 days of the end of semester examination.

2.3.2. Does the university provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

Handouts on course schedules and course outlines are prepared by the subject teachers and circulated to the students prior to the commencement of academic session. Deans and the Heads of the Departments circulate these schedules to students and display on notice boards. Academic Calendar and important circulars are also uploaded on university website.

2.3.3. Does the university face any challenges in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.

The academic calendar is designed carefully so that the time loss due to unforeseen circumstances may be compensated, completing the semester / academic year in time. Fortunately, so far no such problems have been faced.

2.3.4. How learning is made student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

The university has always focused on making the teaching and learning process student-centric. Based on the course, different methodologies are inculcated to make the teaching easier and to ensure the participation of students in the process. Students are given opportunity to choose their topic of choice in dissertation / thesis, and also – as per the CBCS system, have the opportunity to choose a certain number of papers (electives) as per their choice.

Experimental work is part of curriculum of all programs, including management. Students are encouraged to do the practical individually, and also in group. In the courses related to industry such as M. Tech. Food Tech, frequent visits to food industry are organized to enhance the interest of students and giving them practical exposure. Similarly, educational tours are organized for the students in Pharmacy, Botany, Clinical Research, and Toxicology etc.

The University also organizes special trips to book fairs etc, and invites companies to demonstrate their product related to e-learning.

The entire campus is wi-fi and internet frequently used as e-learning tool to access e-resources to help in teaching and learning.

2.3.5. What is the university's policy on inviting experts / people of eminence to deliver lectures and/or organize seminars for students?

University frequently invites experts from industry, academia, research institutions and persons of eminence in various fields of study, as well as its alumni to motivate students. This is in addition to external examiners. The university also provides support to the faculty for conducting lectures and seminars. The record of all such events is maintained by the IQAC.

2.3.6. Does the university formally encourage blended learning by using e-learning resources?

The university facilitates the teaching and learning process by various means. The entire campus is wi-fi with 24 h access to e-resources. It has created facility of e-classrooms,

equipped with interactive boards, and latest audio-visual equipments. Beside this, the university library has a vast collection of online e-journals and e-books, easily accessible to the students and the staff of Jamia Hamdard. All PhD thesis submitted to the University are uploaded on UGC website, ‘Shodh-Ganga’, providing access to not only the researchers in the University, but also to scholars across the country.

2.3.7. What are the technologies and facilities such as virtual laboratories, e-learning, open educational resources and mobile education used by the faculty for effective teaching?

Jamia Hamdard has taken up steps to enhance learning by way of

- Smart classrooms
- Using online database and resources, such as various Sci-finder, Scopus, and bioinformatics tools, etc.
- Access to e-journals and e-books related to various disciplines.

2.3.8. Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate its benefits in the university’s educational processes?

The trends and issues related to contemporary developments in the relevant disciplines are monitored by various groups / committees. At the University level, Academic Council deliberates on such issues and recommendations of various academic bodies such as Board of Studies, Faculty Committees, Doctoral Committee, and Board of Research Studies. The Board of Management is the highest body in the University.

2.3.9. What steps has the university taken to orient traditional classrooms into 24x7 learning places?

University has:

- Smart classrooms
- Wi-fi campus, including connectivity to hostels and residents
- e-books and e-journal, besides access to other online e-resources

- Dedicated computers for all students at a designated place/s
- Interaction through e-mail, FaceBook, and WhatsApp

2.3.10. Is there a provision for the services of counsellors / mentors/ advisors for each class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefitted.

Students in each program are usually divided into small groups, with each group assigned a teacher mentor/ counselor to help promote interaction with and among students and teachers. These mentors, as well as other teachers, also assist students in job counseling and placement.

2.3.11. Were any innovative teaching approaches/methods/practices adopted/put to use by the faculty during the last four years? If yes, did they improve learning? What were the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

University has initiated collaboration with companies like BD, which is one of the largest manufacturers of Flow Cytometers frequently used in life science and health research. The facility is freely available to the students and scholars of the University.

University has instituted awards/incentives to teachers for innovation in academics. The awards are distributed on Science day celebrations and other occasions.

2.3.12. How does the university create a culture of instilling and nurturing creativity and scientific temper among the learners?

- Organizes Seminars, Symposia and Workshops at both national and international level to deliberate upcoming trends in concerned disciplines. For instance, since 2009, the University is regularly holding each year a hands-on training and workshop on bioinformatics, besides a number of other similar events, the details of which are kept with IQAC.
- The university has a history of inviting the experts from industry, academia, research institutions, and persons of eminence in various fields to nurture the scientific

temperament among the students. In addition, the university alumni are also invited for lectures in various disciplines.

- Students are encouraged to organize socio-cultural events at faculty level, such as ‘Rx’ in Faculty of Pharmacy, ‘Nerdz’ in Faculty of Engineering and Technology.
- University also organizes visits of students to centres of higher learning and provides selected students/scholars spent some time at institutes of higher learning across India for their dissertation/thesis works.

2.3.13. Does the university consider student projects mandatory in the learning programme? If yes, for how many programmes have they been (percentage of total) made mandatory?

The student projects/dissertation are mandatory in most PG programs in all Faculties.

a. Number of projects executed within the university

Most of these projects are executed within the university. However, students can also do the project or summer training work from other institutions and industry.

c. Role of faculty in facilitating such projects

Faculty members are actively involved in these projects in the capacity of Supervisors / mentors.

2.3.14. Does the university have a well qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?

The university does have a pool of qualified human resource capable of handling and managing the requirements of the curriculum. In the case of shortfall, there is the provision of engaging Guest faculty and Visiting faculty to fulfill specific requirement, such as for teaching bioinformatics.

2.3.15. How are the faculty enabled to prepare computer-aided teaching/ learning materials? What are the facilities available in the university for such efforts?

All faculty members are computer savvy, and use computer-based teaching and learning methodologies wherever required.

2.3.16. Does the university have a mechanism for the evaluation of teachers by the students / alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning process?

The university has a system for evaluation of teachers by student feedback. The students give their opinion about various aspects of the concerned teacher on a prescribed format, without the student’s identity being disclosed. In addition, a direct feedback from topper students is also taken by the authorities. Furthermore, informal feedback from alumni is also solicited.

2.4. Teacher Quality

2.4.1. How does the university plan and manage its human resources to meet the changing requirements of the curriculum?

The university has taken a number of measures to develop the human resources to fulfill the emerging demands of the curriculum. The faculty is encouraged to participate in orientation and refresher programmes as well as in national and international seminars, conferences, symposia, and workshops.

To keep in pace with the recent scientific advancements, the university also facilitates the organization of national and international seminars, conferences, symposia, and workshops. The university organizes interactive sessions between the faculty members and experts from industry and academia in order to increase the exposure of the faculty.

2.4.2. Furnish details of the faculty

Highest Qualification	Professor		Associate Professor		Assistant Professor/ Lecturer/ Tutor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt./M.Ch.	02	-	-	-	-	-	02
PhD.	17	02	12	09	30	27	97
M.Phil.	-	-	-	01	-	01	02
PG	13	07	14	16	35	56	141
Temporary teachers							
PhD.	03	-	01	-	03	02	09
M.Phil.	-	-	-	-	-	-	-
PG	03	02	01	-	33	43	82
Part-time teachers							
PhD.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	-	-	-

2.4.3. Does the university encourage diversity in its faculty recruitment? Provide the following details (department / school-wise).

Faculty	%of faculty from the same university	% of faculty from other universities within the State	% of faculty from universities outside the State	% of faculty from other countries
Professor	-	70	30	-
Associate Professor	-	43	57	-
Assistant Professors and Others	20.8	37.6	41.6	-

2.4.4. How does the university ensure that qualified faculty is appointed for new programmes / emerging area of study (Bio-technology, Bio-informatics, Material Science, Nanotechnology, Comparative Media Studies, Diaspora Studies, Forensic Computing, Educational Leadership, etc.)? How many faculty members were appointed to teach new programmes during the last four years?

Jamia Hamdard started MBBS Programme and appointed renowned/meritorious faculty with proper screening/test, interviews and Trial Teaching Classes. The University has appointed 98 faculty members for its MBBS programme alone during last 4 years, besides other appointments in the University.

2.4.5. How many Emeritus / Adjunct Faculty / Visiting Professors are on the rolls of the university?

- a. Professor Emeritus : Nil
- b. Adjunct Faculty : 06
- c. Visiting Professors : 05

2.4.6. What policies/systems are in place to academically recharge and rejuvenate teachers (e.g. providing research grants, study leave, nomination to national/international conferences/ seminars, in-service training, organizing national/international conferences etc.)?

The university has taken a number of measures to develop the human resources to fulfill the emerging demands of the curriculum. These are as under:

- The faculty is encouraged to participate in orientation and refresher programmes.
- Faculty members are prompted to participate in national and international seminars, conferences, symposia, and workshops.
- The university facilitates organization of national and international seminars, conferences, symposia, and workshops.
- Jamia Hamdard has signed MoUs with several industries, research / academic institutions within and outside India.
- Jamia Hamdard organizes Faculty development programmes for teaching as well as non-teaching staff on regular basis.
- The university organizes interactive sessions between the faculty members and experts from industry and academia.

2.4.7. How many faculty received awards/recognitions for excellence in teaching at the state, national and international level during the last five years?

Year	Number
2011	29
2012	39
2013	39
2014	41
2015	39

2.4.8. How many faculty underwent staff development programmes during the last five years (add any other programme if necessary)?

Faculty Development Programme	Number
Induction programs	02
Re-orientation Programs CME/Workshop/Seminars/ Guestlectures	137
Refresher courses (Microteaching)	21
Capacity building programs	-
Programs by regulatory/apex bodies Staff training conducted by the university MCI, DCI, INC, HRD Programmes (Research Methodology)	214

2.4.9. What percentage of the faculty have

- | | | |
|----|---|-----|
| a. | been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? | 15% |
| b. | participated in external Workshops/Seminars/Conferences recognized by national/international professional bodies? | 40% |
| c. | presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies? | 30% |
| d. | teaching experience in other universities / national institutions and other institutions? | 40% |
| e. | industrial engagement? | 10% |
| f. | international experience in teaching? | 15% |

2.4.10. How often does the university organize academic development programmes (e.g.: curriculum development, teaching-learning methods, examination reforms, content / knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?

Curriculum development, teaching-learning methods, examination reforms, content/knowledge management is a de-centralized process handled by individual faculty/departments. The University gives adequate support for such initiatives.

Continous Medical Education and Faculty Development Program are some of the activities that are conducted on a regular basis by concerned Departments.

2.4.11. Does the university have a mechanism to encourage

a. Mobility of faculty between universities for teaching?

Yes. Teachers are encouraged visiting other Universities and institutions in various capacities. One of the teachers was recently invited by a reputed University, Sri Ramachandra Medical University

b. Faculty exchange programmes with national and international bodies?

There are Faculty-Student Exchange Programmes, for instance, between Rufaida College of Nursing, Jamia Hamdard and Kungsholmens Vastra Gymnasium, City of Stockholm, Sweden. The collaboration enables teachers and students from the College of Nursing to make study visits and observations at Red Cross University, and Karolinska Institute of Stockholm.

Besides, the University also welcomes scholars sponsored by international agencies, such as ICGEB.

2.5. Evaluation Process and Reforms

2.5.1. How does the university ensure that all the stakeholders are aware of the evaluation processes that are in place?

Immediately before the commencement of teaching, students are provided with programme syllabus and bylaws governing the examination and evaluation process. PhD bylaws are also provided and uploaded on University website.

2.5.2. What are the important examination reforms initiated by the university and to what extent have they been implemented in the university departments and affiliated colleges? Cite a few examples which have positively impacted the examination management system.

- The university has comprehensively de-centralized the examination and admission process from the academic session 2014-15. The admissions and examinations of each faculty is supervised by the respective Dean, resulting in greater Autonomy and Accountability at Faculty level.
- All examination related preparations start immediately after about one month of the beginning of each semester. Examinations are completed and result is declared as per the academic schedule.
- The internal assessment has been introduced in the modular form (excluding the cases where the statutory council does not give such provision). The internal assessment comprises of three sessional tests for each paper in every semester,

assignment/presentation, and also a certain weightage for punctuality and regularity of the student.

2.5.3. What is the average time taken by the University for Declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode / media adopted by the University for the Publication of examination results (e.g. Website, SMS, email, etc.).

Jamia Hamdard has always been punctual in declaring results. The average time of declaration of examination result is from 10 to 15 days. Delays have occurred, though very rarely, mainly due to the external examiners not completing the evaluation in time. In these cases, the concerned Dean keeps on sending reminders to such external examiners to speed up the process. The de-centralization of examination, however, has substantially minimized this problem.

2.5.4. How does the university ensure transparency in the evaluation process? What are the rigorous features introduced by the university to ensure confidentiality?

To maintain transparency, the internal assessment answer sheets are routinely shown to the concerned students. There is also the provision of showing the semester exam answer sheet on request of the student. The student is also free for applying for the re-counting and re-evaluation of answer sheet if he/she not satisfied with the marks.

To maintain the confidentiality, apart from regular confidentiality measures, the panel of examiners for setting question paper is kept highly confidential. In addition, the answer sheets are coded before being sent for evaluation. Question papers set up by the examiners are printed in strict confidentially under the supervision of the concerned Dean and Controller of Examinations.

University has very recently started generating QR code on its marks sheet and degree certificates, which can be used for student data verification purpose by an outside agency.

University is also in the process of installing low strength jammers at the time of examination.

In recent years, following cases of malpractices have been reported and action has been taken:

S. No.	Faculty	Year	No. of students caught in malpractices	Punishment given
1.	Faculty of Management & IT	2011	25	Concerned Paper cancelled
2.	-do-	2012	02	Entire examination cancelled
3.	-do-	2012	04	Entire examination of one student cancelled; for other three, the concerned paper was cancelled
4.	-do-	2012	01	Concerned subject paper was cancelled
5.	-do-	2013	13	Concerned subject paper was cancelled
6.	-do-	2013	11	Concerned subject paper was cancelled
7.	Faculty of Medicine (Unani)	2013	01	Concerned subject paper was cancelled
8.	Faculty of Management & IT	2014	13	Concerned subject paper was cancelled
9.	-do-	2014	09	Concerned subject paper was cancelled
10.	-do-	2014	06	Concerned subject paper was cancelled
11.	HIMSR	2015	03	Rs.2000/- fine along with warning letter
12.	HIMSR	2015	01	Concerned subject paper was cancelled

13.	Faculty of Management & IT	2015	11	Concerned subject paper was cancelled with Rs.1000/- fine
14.	-do-	2015	07	Concerned subject paper was cancelled with Rs.1000/- fine
15.	-do-	2015	06	Concerned subject paper was cancelled with Rs.1000/- fine
16.	Faculty of Management	2016	05	Concerned subject paper was cancelled with Rs.5000/- fine
17.	Faculty of Engineering & Technology	2016	07	Concerned subject paper was cancelled with Rs.5000/- fine
18.	Faculty of Pharmacy	2016	01	Concerned subject paper was cancelled with Rs.5000/- fine

2.5.5. Does the university have an integrated examination platform for the following processes?

a. Pre-examination processes:

Yes, Date-sheet preparation, preparation of list of student, assigning duties for invigilation, flying squads to check the exam process, etc. are all integrated.

b. Examination process:

Yes, the logistics and management of exam related material is integrated.

c. Post-examination process:

Yes, preparing attendance sheet for appearing students, processing of generic result is integrated.

Marks sheets and degree certificates are got printed by Govt. licensed press only with a number of security features that include:

1. Sookshmakshar
2. Number Arpar

3. High Resolution Boarder
4. Copy-N-Check
5. Mask-A-Print
6. U-Verify
7. Hologram
8. Fluorescent Ink
9. Gold Foil Stamping
10. Barcode
11. QR code – which can be used for verification of student’s database to outside personals only, authorized by the University by providing a PIN.

2.5.6. Has the university introduced any reforms in its PhD. evaluation process?

Following reforms are made in the evaluation of PhD. thesis;

- University encourages only NET / GPAT etc qualified candidates only for admission.
- All admitted PhD students are required to go PhD coursework as per UGC Regulation 2009.
- During her/his tenure of PhD, scholar is required to get his work approved and defend by DC and BRS, as well as deliver at least two seminars.
- Supervisors are allocated to the scholar as per UGC recommendations
- Record of attendance is mandatory to be submitted at the time of PhD thesis submission
- Thesis is accepted only after it has been checked on an antiplagiarism software, such as ‘Turnitin’ and ‘iThenticate’, and a joint undertaking is taken by the student and the supervisor in this regard.
- University accepts the spiral-bound copy of thesis at the time of submission. Comments / remarks of examiners on the thesis quality and work are communicated to the scholar/supervisor, the response of the scholar is usually sent back to the same examiner, and a corrected copy of the thesis is accepted in hard bound form.

2.5.7. Has the university created any provision for including the name of the college in the degree certificate?

The university does not have any affiliated college. However, as per MCI norms, the name of Medical College – Hamdard Institute of Medical Sciences and Research – is printed on documents.

2.5.8. What is the mechanism for redressal of grievances with reference to examinations?

All examination related grievances are entertained by the Controller of Examinations and addressed as per bylaws.

2.6. Student Performance and Learning Outcomes

2.6.1. Has the university articulated its Graduate Attributes? If so, how does it facilitate and monitor its implementation and outcome?

The university carefully articulate its Graduate Attributes in its all programs. These attributes are effectively communicated to students during face to face interactions and also through university prospectus. Development of Graduate attributes are essential parts of course & curriculum structuring exercises at departmental and university level. The pedagogy adopted by all the teachers also articulate its Graduate Attributes. No. of placements also indicate the implementation of Graduate Attributes.

2.6.2. Does the university have clearly stated learning outcomes for its academic programmes? If yes, give details on how the students and staff are made aware of these?

Yes, the University has clearly stated learning outcomes for its academic programs. Each department has a committee called Board of Studies which clearly indicates the learning outcomes for each paper while designing the syllabus for same. The proceedings, approved by the Academic Council, are communicated to all teachers and students by the Head of the Department.

2.6.3. How are the university’s teaching, learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?

All the departments of university design teaching learning and assessment strategies keeping in view the challenges and requirements of course. Jamia Hamdard has adopted holistic pedagogy of class room learning, hands on training, self-learning, field learning, group task, faculty students interaction, seminars, participation in conduction of academic events periodical sessional test assignments and exams etc. are the tools of continuous evaluation and assessment of the progress of students.

2.6.4. How does the university collect and analyse data on student learning outcomes and use it to overcome the barriers to learning?

University has given autonomy to all academic departments to collect and analyse data on students’ learning outcomes. Each Head of the Department collects these data and if any barriers come across it is rectified by departmental committee.

2.6.5. What are the new technologies deployed by the university in enhancing student learning and evaluation and how does it seek to meet fresh/ future challenges?

University has created state-of-the-art classrooms as central facility and planning to create more such facility which will help to meet the future challenges.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1. Promotion of Research

3.1.1. Does the University have a Research Committee to monitor and address issues related to research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

Jamia Hamdard has consistently put in efforts to deliver high quality research work. The university efficiently monitors the research at different levels. The departmental committee for research, Doctoral committee (DC), draws its composition from the senior faculty members of the department, one or two experts from the concerned field as well as the Advisor, Research. The deliberations of the DC are then vetted at the Faculty level through Board of Research Studies (BRS) whose composition is approved by the Vice chancellor and has representation from the various faculty members of different designation from within as well as outside the universities. Also, utmost care is taken to incorporate the renowned scientists and industrial representatives, within the framework of the departmental need to make the research outcomes better. Recommendations of the BRS regarding matters pertaining to research including the admission of student in the research programmes, course work, research topic and research projects etc. are deliberated and recommended to Academic Council for further action.

The university has constituted a dedicated Office of Advisor (Research) for consistently monitor Research and promotion. The ambit of this research monitoring spreads to the teachers as well, wherein faculty members up to the level of Associate Professor present the research proposal to the Advisor Research and such sessions are often chaired by the Hon'ble Vice Chancellor. The outcomes are often better research proposals with enhanced possibility of acceptance. What is the policy of the University to promote research in its affiliated/constituent colleges?

3.1.2. What is the policy of the University to promote research in its affiliated/constituent colleges?

University does not have an affiliated college.

3.1.3. What are the proactive mechanisms adopted by the University to facilitate the smooth implementation of research schemes/projects?

Research schemes and projects are handled by the office of the Research additionally supported by the Finance Section and the Office of the Registrar.

- **Advancing funds for sanctioned projects:** University has the policy of advancing funds to the ongoing projects in order to overcome the delays at the end of the funding bodies and ensures that the project does not suffer and is implemented timely.
- **Providing seed money:** A special programme named Research Promotion Grants, under the aegis of the office of the Research advisor has been conceived and seriously implemented to support the newly appointed younger faculty to deliver in the chosen area of their research. The seed money which is exclusively to be used for experimental work has greatly helped them in initiating their research career.
- **Simplification of procedures related to sanctions/ purchases to be made by the investigators**

There is a dedicated section under the Finance and Accounts Department of the University to provide all necessary support related to project work. This has helped in to develop a simplified procedure for procurement, purchase of equipments etc. The salient features of the said scheme include: Prioritising the processing of the research proposals and other related matters.

- University has adopted GFR (Govt Financial Rules) regarding purchases and other financial matters which has radically modified the obsolete purchase rules of the University which has brought flexibility and freedom in purchase matters.
- University has policy to delegate financial powers to concerned coordinators in certain mega projects like SAP wherein the money is utilized for getting the best research outcomes focused at the departmental growth.
- **Autonomy to the principal investigator/coordinator for utilizing overhead charges:** University has a policy of giving complete autonomy to PI for the

utilization of overhead charges which are then judiciously spent on enhancement of infrastructural facilities for smooth conduction of projects.

- **Timely release of grants:** There are no delays in release of funds are done in accordance with requirements of the PIs.
- **Timely auditing:** University has separate internal audit to facilitate proper auditing of the projects and this greatly helps in utilizing the funds in appropriate manner for upgradation of the department.
- **Submission of utilization certificate to the funding authorities:** University provides full support for timely preparation and onward transmission of utilization certificate (UC) to funding agencies. UC are prepared under the signature of the Registrar of the University, Finance Officer and PI.

3.1.4. How is interdisciplinary research promoted?

The University has undertaken concerted efforts towards promoting the interdisciplinary research and has a policy for promotion of interdisciplinary research. University has established a Faculty of Interdisciplinary Sciences & Technology earlier known as Faculty of Engineering and Interdisciplinary Sciences which promotes education and research in interdisciplinary sciences. The faculty provides opportunities to researchers and academicians having specific expertise to cross the boundaries of their respective subject areas and think across them. It encourages researchers to work as a conglomerate and pool their resources and bring about proposals which are viable and socially relevant and offer better solution to the chosen research problem. Many departments are running projects of interdisciplinary nature and are mostly conceived as doctoral research work which has supervisors and co supervisors from the associated Departments. The involvement of various partners is need driven and all are expected to deliver in the area of their respective expertise. Moreover, the University has a policy of appointment of co-supervisors of different specialization from premier research institutes and laboratories in India like AIIMS, DRDO, IIM, Jammu, NII, IIT, JNU and others and have been able to garner support in context with the expertise as well as the use of sophisticated research equipments which exist there. Additionally, various faculty members have been recognised as co supervisors for students registered and working at other

universities. A significant number of Jamia Hamdard has entered into MoUs for research collaboration with organizations of National and International repute which include Universities, institutes and industries.

3.1.5. Give details of workshops/training programmes/ sensitization programmes conducted by the University to promote a research culture on campus.

The University recognizes the need of such programmes and has ensured that various Departments are involved in carrying out such deliberations. The Office of Research Advisor particularly takes to organizing such sensitizing programmes from time to time. The celebrations like National Science Day and conduction of public lectures by eminent scientists is a routine practice which keep up the research environment charged and upholds the university’s commitment towards furthering research. The University through the various departments regularly organize workshops/conferences where delegates from different colleges/Universities participate. Additionally, Office of Research (Advisor) regularly organizes Interaction Programmes, Short term courses on Research. The presence of BD Sciences – Jamia Hamdard academy adds impetus to this.

Name of workshops/ training programmes/ sensitization programmes	Year	Dates (From-To)	Venue	Sponsoring Agency
7 th Bioinformatics Symposium Cum Hands-On On “High Performance Bioinformatics and Biomedicine’	2015	8 th - 9 th December	Convention Center, Jamia Hamdard, New Delhi	DBT
Two Days Workshop on Recent Advancements In Molecular Modelling And Drug Design	2015	21 st - 22 nd November	Faculty of Pharmacy, Jamia Hamdard, New Delhi	Jamia Hamdard, New Delhi
Antibiotic Awareness Week	2015	16 th – 21 st November	Department of Pharmacology, Jamia Hamdard, New Delhi	Jamia Hamdard, New Delhi
HIMSR IRIA CME On Advances in Radiology Physics	2015	November	HIMSR, Jamia Hamdard, New Delhi	Jamia Hamdard, New Delhi
Workshop on Written	2015	20 th October	HIMSR, Jamia	Jamia Hamdard, New

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Assessment Techniques			Hamdard, New Delhi	Delhi
Continuing Medical Education(CME) Cum Practical Hands On Training Workshop For Teaching Faculty And Students Of Faculty Of Medicine On “Neonatal Resuscitation”	2015	3 rd October	Department of Gynecology Obstetrics and Pediatrics at PSM Seminar hall, 2nd floor, faculty of Medicine (U), Jamia Hamdard, New Delhi	Jamia Hamdard, New Delhi
Continuing Medical Education(CME) Cum Practical Hands On Training Workshop For Teaching Faculty And Students Of Faculty Of Medicine On “Electronic Foetal Monitoring (EFM)”	2015	3 rd October	Department of Gynecology Obstetrics and Pediatrics at PSM Seminar hall, 2nd floor, faculty of Medicine (U)	Jamia Hamdard, New Delhi
Isarcon -2015	2015	October	HIMSR, Jamia Hamdard, New Delhi	Jamia Hamdard, New Delhi
Workshop on World Mental Week Celebrations	2015	October	HIMSR, Jamia Hamdard, New Delhi	Jamia Hamdard, New Delhi
CME Cum Workshop On ‘Contraception Update and PPIUCD Insertion Technique’	2015	17 th September	Hamdard Convention Centre, Jamia Hamdard, New Delhi	Jamia Hamdard, New Delhi
Teaching Methodology Leadership and Personality Enrichment Program	2015	16 th April to 18 th April	HAHC, Jamia Hamdard, New Delhi	Jamia Hamdard, New Delhi
Basic Course Workshop in Medical Education Technologies	2015	16 th – 18 th April	MAMC, New Delhi	MAMC, New Delhi
CME In Dermatopathology	2015	7 th April	HIMSR, Jamia Hamdard, New Delhi	Jamia Hamdard, New Delhi
Workshop On ‘Research Paper-Publication, Citation Analysis and Impact Factor’	2015	24 th March	Convention Center, Jamia Hamdard, New Delhi	Jamia Hamdard, New Delhi
Basics of Pharmaceutical Biotechnology	2015	24 th March	Faculty of Pharmacy, Jamia Hamdard, New Delhi	Dept of Pharmacognosy, Jamia Hamdard, New Delhi
CME on ‘Diagnosis And Management Of	2015	7 th March	Hamdard Convention Centre, Jamia	Jamia Hamdard, New Delhi

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Cervical Intraepithelial Lesions' As Organizing Secretary Under The Aegis Of ISCCP			Hamdard, New Delhi	
Workshop on Clinical Research and Bioethics	2015	24 th February	HIMSR, Jamia Hamdard, New Delhi	HIMSR, Jamia Hamdard
3 Day SPSS/AMOS User Training	2015	13 th -15 th February	Computer Centre, Jamia Hamdard	SPSS Company, Bangalore.
One Day Seminar on InNovemberations In Pharmaceutical Teaching and Learning Environment – New Paradigms	2015	17 th January	Department of Pharmaceutics, Faculty of Pharmacy, Jamia Hamdard, New Delhi	Jamia Hamdard and Erica Institute, New Delhi
6 th Seminar Cum Hands-On Training Program On 'Bioinformatics and Biologicals'	2014	27 th - 28 th November	Convention Center, Jamia Hamdard, New Delhi	DBT
Teaching Methodology	2014	26 th -27 th September	HAHC, Jamia Hamdard, New Delhi	Jamia Hamdard, New Delhi
Certification Course On IPR	2014	18 th - 20 th September	Faculty of Pharmacy Jamia Hamdard, New Delhi	IPA Delhi Branch
Certification Course in CTD Dossier Writing	2014	14 th -18 th July	Faculty of Pharmacy, Jamia Hamdard, New Delhi	IPA, Delhi Branch
Workshop in Avoidance & Management of Cataract Surgery Complications	2014	30 th March	I-care Hospital NOIDA	I-care Hospital NOIDA
CME Cum Workshop on Postpartumcontraception: A Way to Meet The Unmet Need As Organizing Centenary	2014	14 th March	HIMSR and HAHC Hospital	Jamia Hamdard, New Delhi
Two "Free Health Checkup and Treatment Camps" For Refugees And Victims Of Riots.	2014	11 th January 12 th January	Village TAODI -7 Biswa, Tehseel Modinagar, UP Village Balwa, Khatoali, Muzaffar Nagar, UP	Jamia Hamdard, New Delhi
CME And Workshop On "Diagnostic Microbiology: Newer Trends and Advances"	2013	21 st December	HIMSR, Jamia Hamdard, New Delhi	Department of Microbiology, HIMSR, Jamia Hamdard, New

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				Delhi
One Day CME In Diagnostic Pathology	2013	7 th September	HIMSR, Jamia Hamdard, New Delhi	Jamia Hamdard, New Delhi
5 th Bioinformatics Seminar Cum Hands on Training on Multi-Criteria Drug Design.	2013	3 rd – 4 th September	Convention Centre, Jamia Hamdard, New Delhi	DBT
Course on Comprehensive Disaster Risk Management Framework	2013	15 th July- 23 rd August	Convention Centre, Jamia Hamdard, New Delhi	Global Facility for disaster risk Reduction and Recovery & NIDM
CME On ‘PPIUCD And Recent Advances In Hormonal Contraception	2013	6 th April	Department of Obst and Gynae at HIMSR and HAHC Hospital	Jamia Hamdard, New Delhi
NARCHI CME on ‘Antenatal Collapse and Antibiotic Sensitivity’	2013	2 nd April	HIMSR and HAHC Hospital	Jamia Hamdard, New Delhi
Free Health Checkup and Treatment Camp	2013	31 st March	Department of Gynae, Obst and Department of Moalijat	Jamia Hamdard, New Delhi
Free Health Checkup and Treatment Camp.	2013	24 th February	Department of Gynae, Obs and Department of Moalijat	Jamia Hamdard, New Delhi
CME on ‘Vaginal Infections’	2013	16 th February	HIMSR and HAHC Hospital	Jamia Hamdard, New Delhi
Public Awareness Forum on World Cancer Day, Mega Health Camp	2013	10 th February	South Delhi	District Collector, South Delhi
Workshop on ICT Organized for Grade 4 Employees at Jamia Hamdard In Collaboration With IGNOU	2012- 2013	November – March	Jamia Hamdard, New Delhi	IGNOU
Live Demonstration By Students Of Faculty Of Medicine And Nursing On “Method Of Transportation Of Casualty &Triage Management During Any Disaster- A Step To Reduce Risks Of Disaster With Least	2012	27 th December	Hamdard Public School, New Delhi	Jamia Hamdard, New Delhi

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Impact”				
4 th Bioinformatics Conference-Cum-Workshop On “Application of Bioinformatics In Drug Discovery And Development”	2012	19 th - 20 th October	Convention Center, Jamia Hamdard, New Delhi	DBT
Workshop on Teaching Methodology	2012	30 th July	Convention Center, Jamia Hamdard, New Delhi	HIMSR, Jamia Hamdard
Organized Training Program on Transgenic Technology: Methods And Applications	2012	12 th -17 th March	Department of Biotechnology, Jamia Hamdard, New Delhi	UGC
Workshop On “Basic Life Support Skill to Help Save Lives” Organized By American Heart Association	2012	7 th February	Convention Center, Jamia Hamdard, New Delhi	HIMSR, Jamia Hamdard, New Delhi
Free Health and Unani Treatment Camps	2012	5 th February 2 nd February 8 th January	Durga Puja Ground, J.J. Colony, Madanpur Khadar, New Delhi	Jamia Hamdard in Collaboration with “Bhartiya Socialist Republican Trust”
A “Health Awareness Walk” On “Health and Women Related Rights Demonstration on Triage Management and Transportation of Casualty	2011	10 th December	Hamdard Convention Centre, Jamia Hamdard, New Delhi	Dept of Gynae, Obs in collaboration with National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India,
Free Health and Unani Treatment Camps	2011	10 th December	Durga Puja Ground, J.J. Colony, Madanpur Khadar, New Delhi	Jamia Hamdard in Collaboration with “Bhartiya Socialist Republican Trust”
3 rd Bioinformatics Seminar <i>Cum</i> Hands-On Training On “Computational Protein Structure Prediction”	2011	28 th - 29 th November	Convention Center, Jamia Hamdard, New Delhi	DBT
WHO GMP Aspects and Global Regulatory Affairs	2011	16 th – 17 th October	Faculty of Pharmacy, Jamia Hamdard, New Delhi	Centre for Active Learning, Guidance and Solutions and IPA, Delhi branch.
Health Awareness Walk On “Awareness,	2011	12 th October	Hamdard Convention Centre, Jamia	Department of Gynae, Obs in collaboration

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Preparedness and Management of Disaster Risk Reduction Demonstration on Triage Management And Transportation Of Casualty			Hamdard, New Delhi	with National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India
Training Program 'Research Methodology' As A Faculty Upgradation Programme	2011	23 rd – 24 th July	HIMSR, Jamia Hamdard, New Delhi	Jamia Hamdard, New Delhi
Workshop On Evidence Based Nursing Practice: Bridging the Gap Between Theory and Practice	2011	21 st - 23 rd March	Convention Center, Jamia Hamdard, New Delhi	Jamia Hamdard, New Delhi
One Day Workshop in Impurity Profiling As Organizing President	2011	19 th February	Convention Center, Jamia Hamdard, New Delhi	IPA
A Training Program on Entrepreneurship Cum Skill Development Programme On Biotechnology	2011	10 th January – 21 st February	Department of Biotechnology, Jamia Hamdard, New Delhi	Ministry of Micro, Small & Medium Enterprises, Okhla, New Delhi
Free Health Checkup and Treatment Camp	2010	10 th December	Department of Gynae, Obs, Department of TST	Jamia Hamdard, New Delhi
Vaccination Camp	2010	14 th November	Faculty of Medicine and Faculty of Nursing, Jamia Hamdard, New Delhi	Jamia Hamdard with collaboration of Zydus Vaxxicare (Cadila Health Care Ltd.)
Free Health And Unani Treatment Camps	2010	6 th November 9 th October 4 th September	Vivek Sthali Public School, F2, Sangam Vihar, New Delhi	Jamia Hamdard



5-DAYS CERTIFICATE COURSE ON CTD DOSSIER WRITING(14th to 18th July 2014)



CAREER OPTIONS IN IPR DOMAIN(2014)



CLINICAL RESEARCH CONFERENCE-2013

3.1.6. How does the University facilitate researchers of eminence to visit the campus as adjunct professors? What is the impact of such efforts on the research activities of the University?

The University has a provision for appointments of adjunct professor(s) in different departments. Besides this there has been a policy in place wherein the retirees of scientific eminence are taken on board as Advisors who are then entrusted upon the

responsibilities of analyzing the various research activities at the departmental level. The rich experience they share help in sharpening the research tools and this scrutiny helps the scholars and the teachers to develop sturdy and robust research plans which are often appreciated by the funding agencies. Additionally, there is also provision of visits of experts and specialist from industry, premier research institutes of the country and outside the country under which senior faculty from these institute visit the University from time to time. Recently University has signed several MoUs.

In terms of the impact of such efforts the University's research scholars, researchers and research culture get an international exposure. Collaborative projects, publications, joint research papers, patents and long-term associations with the national research institutes like CDRI, CSIR Labs, NII, ICGB, INMAS, and foreign universities and teachers also have been some of the impacts.

3.1.7. What percentage of the total budget is earmarked for research? Give details of heads of expenditure, financial allocation and actual utilization.

Depending upon the requirements of the faculty members and the students to encourage research, the University makes extensive budgetary allocation.

In the present plan, the University has allocated 40% of the total budget for different research heads pertaining to research activities.

S. NO.	Head	Amount(Rs)
1	Travel Grants for attending National / International Seminars, Conferences and Workshops	Rs 10 Lakh
2	Organising National/International Seminars/Conferences/Symposia in the University	Rs 15 Lakh
3	Visiting Professors/Fellows, Faculty Improvement program	Rs 10 Lakh
4	Scholarship to Ph D students	Rs. 10 lak (apprx.)
5	Procurement of Books/Journals, Equipment for Laboratories, and ICT Facilities.	Rs 1 crore

Besides this , allocation of Rs. 2 crores is made every year for laboratory procurements like reagent/chemicals in different faculties

3.1.8. In its budget, does the University earmark fund for promoting research in its affiliated colleges? If yes, provide details.

University does not have an affiliated college.

3.1.9. Does the University encourage research by awarding Post Doctoral Fellowships/Research Associate ships? If yes, provide details like number of students registered, funding by the University and other sources.

The University has instituted a Hamdard Centenary Research Fellowship. This fellowship is open for post-doctoral research work in frontline research in the core competencies of Jamia Hamdard such as pharmaceutical research (all fields), biotechnology (plant biotechnology, vaccinology); biochemistry (protein biochemistry; liver disorders and their prevention); botany (plant molecular biology; plant physiology; medicinal plants); toxicology (cancer chemoprevention; neurotoxicology; ecotoxicology); chemistry (medicinal chemistry; natural product chemistry); nanomedicine; clinical research and or any other discipline of research at Jamia Hamdard.

The university has provision for distribution of scholarships/ free ships to students on merit cum means basis. A number of university scholarships are available for the students, which are as under :

1. Hamdard National Foundation (HNF) Scholarship
2. Khwaja Moinuddin Chishti Ajmeri (Gharib Nawaz) merit-cum-means scholarship
3. Dr. L.M. Singhvi Gold Medallion (or Silver Shield) of accolade
4. Hakeem Abdul Majeed Scholarship (For Pharmacy, Medicine (U), Nursing and Science Faculties)
5. Musharraf Hussain Jafri Scholarship
6. Syed Abdul Karim Scholarship
7. Rais Ahmad Khan Scholarship
8. Prof. Syed Wahiduddin Scholarship
9. Noorul Hasan Memorial Scholarship
10. Late Lady Reshma Parveen Memorial initiative for Learning & Educating Students (R-MILES)
11. Maulana Shah Mustafa Raza Merit Scholarship
12. Late Lady Laiqun Nisa Award for Meritorious Professional (LAMP) Scholarship
13. Mrs Aquil-un-Nisa Alam Scholarship
14. Darul Uloom Mohammadiyah
15. Ashraful Ulama Scholarship
16. Late Haji Mohammad Ilyas Memorial initiative for Learning & Educating Students (M-MILES)

17. Hakim Abdul Hameed Fellowship
18. Maulaha Wahid Hussain Memorial Scholarship
19. Dr. Maqbool Husain Jafri Memorial Scholarship
20. Akhtar Hussain Memorial Merit Scholarship
21. Late Maulvi Shabbir Ahmad Scholarship
22. Late Janab Haji Mohammad Ahmed Khan Education Reward (MAKER) Scholarship
23. Mrs Aquil-un-Nisha Alam Scholarship
24. Jamboonathan Means-cum-Merit Scholarship
25. Mrs Farida Haque Scholarship
26. Noorul Hasan Memorial Scholarship
27. Late Lady Nasira Begum Education Award for Topper (NEAT) Scholarship
28. Hakim S.A. Jamil Qadri Memorial Scholarship
29. Maulana Shibli Nomani Scholarship
30. Noorul Hasan Memorial Scholarship
31. Late Janab Haji Mohammad Ahmed for Top Excellence Award (MASTER) Scholarship
32. Mrs Shakila Naqvi Merit Scholarship
33. Tasmia Merit Scholarship
34. Noorul Hasan Memorial Scholarship
35. Prof. AKM Ghouse Means-cum-Merit Scholarship
36. Anchrom Means-cum-Merit Scholarship
37. Dr. Manoj Warshney Scholarship
38. Khalil Ahmed Merit cum-Means Scholarship
39. Late Mr. C.R. Arora Scholarship
40. Hind Agro Industries Merit Scholarship
41. Tasneema Fellowship
42. Late Haji Mohammad Asif (S/o Late Janab Mohammad Ishaque Sandook Wale, 1319, Pahari Imli, Delhi-6) Reward for knowledge student (MARKS) Scholarship
43. Prof. Masroor Alam Baig Memorial Scholarship
44. Prof. Mohd. Yahya Merit cum means scholarship
45. Silver Jubilee fellowship
46. Daiichi Sankyo – Hamdard fellowship
47. Fellowship under start up grant (seed money) for project fellows

SCHOLARSHIPS GIVEN TO STUDENTS

Year	Number of students benefitted			
	UG	PG	PhD.	Diploma
2011-12	23	41	14	6
2012-13	24	40	10	6
2013-14	25	38	7	6
2014-15	25	44	7	5

The university has allocated some amount as students Aid Fund, which is meant for financial help to the needy students. A student whose parents' income is less than Rs.4.5 lakh per annum and performs satisfactorily in the examination is eligible for assistance for this fund.

A lump sum amount of Rs.4000 – 5000 is also distributed as Students Aid Fund. Numbers of beneficiaries are given as below:

S. No.	Year	No. of beneficiaries
1	2012-13	233
2	2013-14	175
3	2014-15	229
4	2015-16	200

Fee concessions:

Apart from above scholarships, the students are granted fee concession from 25% to 50% in fee on the basis of merit cum means on case to case basis. During the last four year for 2011-12 to 2014-15, Rs.2,74,08,904 has been spent on fee concession given to students admitted under different categories. Year wise details of amount are given below:

Year	Fee Concession amount shown in Rupees		
	Regular courses	SFS courses	Total amount
2011-12	7,94,518	38,85,660	46,80,178
2012-13	10,82,377	58,68,741	69,51,118
2013-14	14,78,632	61,98,125	76,76,757
2014-15	11,96,343	69,04,508	81,00,851
TOTAL	45,51,870	2,28,57,034	2,74,08,904

Foreign Nationals are also granted concession in fee as per rules of the university.

3.1.10. What percentages of faculty have utilized the sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the University monitor the output of these scholars?

In the last four years some faculty members have availed themselves of Academic Pursuits (Sabbatical) excluding those, who have availed themselves of Study Leave for acquiring Ph. D. The University monitors their performance by their publications. All such publications have an academic impact. Nevertheless, most of the teachers publish their research papers/monographs/books without availing of this leave.

However, the University has a policy to grant such leaves to the faculty members provided the teaching strength of the particular Department should remain at least 75% to safeguard teaching.

3.1.11. Provide details of national and international conferences organized by the University highlighting the names of eminent scientists/ scholars who participated in these events.

Various Faculties of the JH University are regularly organizing conferences/seminars/workshops.

Various Faculties of the JH University are regularly organizing conferences/seminars/workshops.

Name of conference	Year	Dates (From-To)	Venue	Sponsoring agency	Names of eminent scientists/scholars who participated
Seminar on International Business & Foreign Trade Policy	2015	November 5 th -6 th	Jamia Hamdard	Jamia Hamdard	Prof. Attam Parkash Ex. Prof. IIFT,MC (IMI), Harvard Business School, USA
28 th Annual Conference, ISARCON 2015	2015	October 29 th -31 st	Convention Centre, Jamia Hamdard	Jamia hamdard	Prof. Mohammad Husain Prof. Sampath Parthi Prof. Yeolekar
Indian Society for Atherosclerosis Research, ISARCON, 28 th Annual Conference, HIMSR, Jamia Hamdard. -2015. Organizing and Cultural Committee, 28 th Annual Conference, HIMSR, Jamia Hamdard.	2015	October 29 th -31 st	Jamia Hamdard	Jamia Hamdard	Dr Mahmood Hussain Prof Parthsasarathy Dr. Shantanu Sengupta Dr. Gundu HR Rao Dr. Bobby B Khan
ISARCON-2015, New paradigm in Atherosclerosis	2015	October 29 th -31 st	HIMSR, Jamia Hamdard	Jamia Hamdard	Dr Mahmood Hussain Prof Parthsasarathy Dr. Shantanu Sengupta Dr. Gundu HR Rao Dr. Bobby B Khan

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Symposium: “Fight the bite reloaded”	2015	October 27 th	HIMSR, Jamia Hamdard	Jamia hamdard	Dr. Navin Khanna Dr. Raman Sadana – Apollo Indraprasta
Conference on “Evidence based practice for quality patient care”	2015	October 8 th	Convention Center, Jamia Hamdard, New Delhi	Jamia Hamdard	Conference on “Evidence based practice for quality patient care”
BNCRP (part-I) provider course sponsored under Indian Academy of Pediatrics NRP FGM Project	2015	August 9 th	Jamia Hamdard	Indian Academy Of Pediatrics NRP FGM Project	Dr. S.S. Bisht Dr. Adarsh Priya Azad
Symposium to celebrate Global Hand washing day	2015	May 5 th	HIMSR, Jamia Hamdard	Jamia hamdard	Dr. Sumi, Associate Prof., ESI Dr. B. Tarai, Consultant Max Saket
4 th National Symposium on Recent advances in analytical Sciences and application	2015	February 9 th -10 th	4 th National Symposium on Recent advances in analytical Sciences and application	Jamia Hamdard	Dr.Taskin Khan
National Seminar on ‘Innovations in Pharmaceutical Teaching – Learning Environment – New Paradigms	2015	January 17 th	Faculty of Pharmacy, JH	Jamia Hamdard	Ms. Ruchi Saxena, Marketing Head, Abbott Pharmaceuticals; Ms. Neetu Munjal, Counselor to Virtual Education
National Seminar on Medicinal Plants Research: Retrospect & Prospects	2014	April 1 st	Jamia Hamdard	UGC-SAP	Dr. H. B. Singh Ex-Chief Scientist Raw Materials Herbarium & Museum, N. Delhi Dr. Neeraj Tando Deputy Director General ICMR, New Delhi Dr. Suman P.S. Khanuja Former Director, Central Institute of Medicinal & Aromatic Plants, Lucknow
Organized National Seminar on “Plant Biotechnology: Challenges and Opportunities in 21st Century”	2014	March 3 rd -4 th	Department of Biotechnology, Jamia Hamdard, New Delhi, India.	UGC-SAP	Dr. Sanjay Kumar Dr. Praveen Verma Dr. Maryam Sarwat Dr. Ajit Kumar Shasany
Organized National Seminar on “Plant Biotechnology: Challenges and	2014	March	Jamia Hamdard	UGC-SAP	Professor S.K. Sopory Professor K.C. Bansal Dr. G.N. Qazi Professor Jitendra P.

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Opportunities in 21st Century” at Department of Biotechnology, Jamia Hamdard, New Delhi, India.		3 rd -4 th			Khurana Professor M.V. Rajam Dr. C. Viswanathan Dr. A.K. Singh Professor Ashwani Pareek Dr. Sanjay Kumar Dr. Praveen Verma Dr. Maryam Sarwat Dr. Ajit Kumar Shasany Dr. Shashi Kumar Dr. Prasanta K. Dash Dr. Pravej Alam Professor Shridhar Dwivedi Dr. R.K. Tyagi Dr. Tapan Kumar Mondal Dr. Manjusha Verma Dr. Kamal Kumar Dr. Madhu Bala Dr. Dharam Chand Jain Dr. Rhitu Rai Dr. Md. Imtaiyaz Hassan Dr. Mohammad Akmal Ms. Usha Kiran
UGC SAP Sponsored National Conference on Chronic Inflammatory Disorders.	2014	13-15 February,	Jamia Hamdard	UGC SAP	Prof. Dwivedi, Dean, HIMS Prof. DK Srivastava, Head Biochemistry, HIMS Prof. Kalpana Luthra, AIIMS Prof. DN Rao, AIIMS Prof. Girish Sharma
National Seminar on Climate Change & Environmental sustainable Development.	2013	December 9 th -10 th	Jamia Hamdard	NESA	Dr. B. C. Tripathy, JNU Prof. M. S. Siddiqui, Hissar Prof. A. K. Bhatnagar, New Delhi Prof. Veena Agarwal New Delhi
National Clinical Research Conference	2013	July 6 th	Hotel Hilton, New Delhi	IPA, Delhi branch	Dr. Divya Vohra Dr. Manju Sharma
Symposium on ‘Childhood Obesity’	2013	April 6 th	Jamia Hamdard	Nutrition Subchapter of Indian Academy of Pediatrics	Prof. HPS Sachdev Prof. A P Dubey Prof. A K Patwari Dr. J P Kapoor
National Conference on QbD: Regulatory Importance	2013	March 23 rd	Indian Habitat Center, New Delhi	IPA, Delhi branch	Prof Bhoop Singh Dr Rajeev Mathur
Organized National Seminar on “Proteomics	2013	March 1 st -2 nd	Jamia Hamdard	UGC-SAP	Dr. Srinivisa Rao Dr. Pramod adava

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Based Biomarkers for Animal and Plant diseases” at Department of Biotechnology, Jamia Hamdard, New Delhi, India.					Dr. Daman Saluja Dr. Deepshikhande Dr. Saleem Javed Prof. M.Z.Abidin Dr. Javed Ahmad Prof. D.N.Rao Dr. A.Ivapandiyan Dr. Syed Mohd Danish Rizvi Dr. Mohd. Saeed Dr. Moaz Ahmed Dr. Dipjyoti Chakraborti Dr. S. Raisuddin
Organized National Seminar on “Proteomics Based Biomarkers for Animal and Plant diseases”	2013	March 1 st -2 nd	Department of Biotechnology, Jamia Hamdard, New Delhi, India.	UGC-SAP	Professor S.K. Sopory Professor K.C. Bansal Dr. G.N. Qazi Professor Jitendra P. Khurana
UGC-SAP sponsored National Seminar on Medicinal Plants and their characterization	2013	February 26 th -27 th	Jamia Hamdard	UGC-SAP	Neelama Sharma Pusa, New Delhi H.B. Singh Ex-Chief Scientist, RHMD Neeraj Tandon Scientist, ICMR, N.Delhi Suman, Former Director, CIMAP, Lucknow
UGC sponsored National Conference on Bioelectronics and Biomedical Technology	2013	January 29th	Jamia Hamdard	UGC	Dr. R.P Tripathi, Directors, INMAS Dr. B.D Malhotra, DTU
International conference on Business, Social Responsibility and Transformation: Indian & International Perspective, in collaboration with FICCI	2013	February 8 th -9 th	Jamia Hamdard	FICCI	Prof. CV Baxi, Former Director, MDI, Gurgaon Mrs. Reva Nayyar, Ias (Retd.), Chairperson, Essel Social Welfare Foundation Dr. Ajay Singh, Dean, IMT, India
25 th Silver Jubilee International Conference on Medicinal Plants & Human Health.	2012	November 28 th -29 th	INSA, New Delhi	NESA	Prof. A. H. Munshi University of Kashmir Dr. Amirt Lal Singh Directorate of Groundnut Research, Junagadh Dr. Veen Gupta Principal Scientist, National Bureau of Plant, Pusa, New Delhi
National level NRSI Silver Jubilee	2012	October 29 th -31 st	Convention Center, Jamia	Jamia Hamdard,	Dr. A.K. Walia, Hon’ble Minister of Health, Govt.

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Conference 'Closing the gap: from Evidence to Action'.			Hamdard, New Delhi	NRSI	of NCT, Delhi The eminent faculty who participated were Dr. Jyoti Sarin, Principal MMCON, Prof. H.C.Rawat, Principal, BFUHS, Dr. A V Raman, Former Principal & Dean, (OMAYAL – ACHI), College of Nursing, Chennai, Prof. Pity Koul, Director, SOHS, IGNOU, Dr. Prakin Suchaxaya, Regional Advisor, Nursing and Midwifery, SEARO, WHO and Ms. Surekha Sama, Secretary, INC, Dr. Bimla Kapoor, IGNOU, Ms. Raminder Kalra, Principal, Holy Family Hospital,
International Conference on Tibbe Islami	2012	April 22 nd	Convention Centre, Jamia Hamdard	Islamic Health Organization	Dr. Shabih H Zaidi, Consultant WHO Dr. Afsar Imam, DAH Foundation, Pakistan Dr. Lali Fatima, AIIMS Janab Mahdi Mahdviopor, Cultural Secretary, Embassy of Iran
Organized National Seminar on "Current Trends in Secondary Plant Metabolites Research" at Department of Biotechnology, Jamia Hamdard, New Delhi, India.	2012	March 19 th -20 th	Jamia Hamdard	UGC-SAP	Dr. A.H. Munshi Dr. Ajay Kumar Dr. Ajit Varma Dr. Altaf Ahmad Dr. Altafhusain Nadaf Dr. Amandeep Dr. Anurag Singh Dr. Ashutosh K Shukla Dr. Asitava Basu Dr. Farhan Jalees Ahmad Dr. Farhat Afrin Dr. Gohar Taj Dr. Huma Mustafa Dr. Humaira Farooqui Dr. Imtiyaz Murtaza Dr. P.K. Varma Dr. Veena Agrawal Prof. Asghar Ali Prof. K.C Upadhyay Prof. M.Z. Abdin Prof. P.S. Srivastava Prof. S.K. Jain Prof. Sarwar Alam Prof. Shahid Ansari

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					Prof. Shakir Ali Professor Rasheeduzzafar
Organized National Seminar on “Current Trends in Secondary Plant Metabolites Research”	2012	March 19 th -20 th	Department of Biotechnology, Jamia Hamdard, New Delhi, India.	UGC-SAP	Professor S.K. Sopory Professor K.C. Bansal Dr. G.N. Qazi Professor Jitendra P. Khurana
UGC-SAP (DRS-I) sponsored National Seminar on Medicinal Plants Research in India	2012	March 16 th -17 th	Jamia Hamdard	UGC-SAP	Prof. M.N.V. Prasad University of Hyderabad Bala Prasad National Medicinal Plant Board Prof. Wazahat Husain Aligarh Muslim University
National Seminar on Lifestyle Disorders and Role of Unani Medicine	2012	March 6 th	Convention Centre, Jamia Hamdard	Jamia hamdard	Dr. Mujeeb Ahmad, CCIM, Bangalore Prof. IH zaidi, Dean, Faculty of Unani Medicine, AMU Aligarh
Healthcare India 2012 International conference	2012	February 20 th -23 rd	Healthcare India 2012 International conference	Department of Chemistry, Jamia hamdard	Bertram Fraser Reid, Dr Mukesh Hariawala, Prof. Javed Iqbal, Dr. Ahmad kamal, Dr. H. M. Sampath Kumar, Dr. B. V. Rao, Prof. S. C. Jain, Dr. Ahmad Kamal
Symposium on Role of medical colleges in making schools/ university tobacco free campus	2011	July 30 th	Symposium on Role of medical colleges in making schools/ university tobacco free campus	Department of Medicine, HIMSR, Jamia Hamdard	Dr.Taskin Khan
Tobacco Symposium	2011	May-June	Jamia Hamdard	MOHFW and SEARO-WHO	Dr. Prof. S.Dwivedi
Symposium on Crimean Congo Hemorrhagic Fever Organized with the help of ICMR	2011	February 24 th	HIMSR, Jamia Hamdard	ICMR	Dr Mahmood Hussain Prof Parthasarathy Dr. Shantanu Sengupta
UGC-SAP sponsored National Seminar Role of GCMS, Flash chromatography and HPTLC in botanical Drug Development	2011	January 17 th	Jamia Hamdard Convention Centre	UGC	Dr VS Chauhan Dr CK Katiyar Dr Imran Ali Dr Rahul Singh Dr Upendra Khurana Prof SS Jamil



PHARMACIST DAY CELEBRATION 2014

3.2. Resource Mobilization for Research

3.2.1. What are the financial provisions made in the University budget for supporting students' research projects?

University provides following fellowship to students:

- Hamdard Centenary Research Fellowship of Rs. 50,000 pm + House rent allowance or accommodation on campus • Research grant- Rs. 50,000 per annum.
- Hamdard Research Fellowships of Rs.4000/- per month is available for 10 PhD. students.
- Maulana Shah Mustafa Raza Merit Scholarship to the student who secures highest marks in the Admission Test for M.A. (Previous).
- Maulana Ahmad Raza Merit Scholarship to the student who secures highest marks in the M.A. (Previous) Examination.
- Tasmia Merit Scholarship of Rs.500 per month for ten months for a M.Sc. final year student of M.Sc. Biotechnology.

- The University funds seminar/conferences/workshop participation of the students to enable them to present their research work.

3.2.2. Has the University taken any special efforts to encourage its faculty to file for patents?

Intellectual Property (IP) Management Cell has been created to invigorate patent and technology transfer activities in the University. IP Management Cell will provide information, orientation and facilities to researchers of Jamia Hamdard for safe guarding the innovators interest. The guidance towards obtaining patents, facilitation of patent searches and getting the approvals from the competent authorities in the University while filing provisional/complete patent specifications will be provided by IP Management Cell. In addition to this the IP Management Cell would also work on various modalities on behalf of Jamia Hamdard for technology transfer/commercialization of patented technologies.

The following Committee has been constituted for a period of three years vide University order AS/IQAC/JH-4/2013 dated 25 July, 2013.

- Hon'ble Vice Chancellor, Jamia Hamdard- Chairman
- Dean, Faculty of Science- Member
- Dean, Faculty of Pharmacy- Member
- Dr. Raj Hirwani, URDIP, Pune- External Expert
- Dr. Indra Dwivedy, IPU, CSIR, New Delhi- External Expert
- Mr. Yashwant D. Panwar, TIFAC, New Delhi- External Expert
- Mr. Hemant Kulkarni- TDB-External Expert
- Finance Officer, Jamia Hamdard- Member
- Law Officer, Jamia Hamdard- Member
- Advisor (Research), Jamia Hamdard- Member
- Director IQAC, Jamia Hamdard- Member
- Dr. Javed Ali, In-charge IP Management Cell Member-Convener

Patents granted/filed/Published by Faculty Members

S. No	Patent Number	Assignee/Patentee	Inventors	Dates of application/Publications/Grant	Title of Invention
1.	Indian Patent Application No. 1136/DEL/2008.	DRDO	Aseem Bhatnagar, Neeraj, Raisuddin Ali, Farhan J. Ahmad, Neeraj Kumar, Priyanka Saxena, Thakuri Singh, Gaurav Kumar Jain, Gaurav Mittal and Mitra Basu.	Date of Filing: 06/05/2008 Published on: 21/01/2011	Atropine Inhalation Formulations.
1.	Indian Patent Application No. 1742/DEL/2009.	Jamia Hamdard	Javed Ali, Nitin Saigal, Sanjula Baboota, Alka Ahuja and Mushir Ali.	Date of Filing: 24/08/2009 Published on: 04/03/2011	A controlled release pharmaceutical Formulation.
2.	Indian Patent Application No. 1862/DEL/2009.	Jamia Hamdard	Shadab Ahmad Pathan, Sohail Akhtar, Syed Mohammed Abbas Zaidi, Gaurav Kumar Jain, Roop Krishen Khar and Farhan Jalees Ahmad.	Date of Filing: 09/09/2009 Published on: 18/03/2011	Novel Formulations/composition of Safranin.
3.	Indian Patent Application No. 1395/DEL/2009.	Jamia Hamdard	Gaurav Kumar Jain, Nilu Jain, Sushama Talegaonkar, Farhan Jalees Ahmad and Roop Krishen Khar.	Date of Filing: 13/07/2009 Published on: 25/05/2012	Controlled release Mucoadhesive nanocomposites.
4.	Indian Patent Application No. 2299/DEL/2009.	DRDO	Aseem Bhatnagar, Farhan J. Ahmad Neeraj, Shaheen Sultana, Gaurav Mittal and Rashid Ali.	Date of Filing: 09/11/2009 Published on: 31/07/2015	Inhalable formulation for heavy metal poisoning.
5.	Indian Patent Application No. 1339/DEL/2010.	DRDO	Bhatnagar Aseem, Sultana Shaheen, Ahmad Farhan Jalees, Mittal Gaurav, Talegaonkar Sushma, Sultana Sarwat, Singh Thakuri, Neeraj Kumar and Rashid Ali.	Date of Filing: 09/06/2010 Published on: 16/12/2011	Treatment of heavy metal poisoning by inhaled phosphonates.
6.	Indian Patent Application No. 2107/DEL/2010.	Jamia Hamdard	Gaurav Kumar Jain, Farhan Jalees Ahmad and Sachin Gahoi.	Date of Filing: 03/09/2010 Published on: 09/03/2012	Solid pharmaceutical composition of nanoparticles.

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7.	Indian Patent Application No. 1343/DEL/2010.	CCRUM	R.K.Khar, Farhan Jalees Ahmed, Shadab Ahmad Pathan and S. M. Abbas Zaidi.	Date of Filing: 10/06/2010 Published on: 16/12/2011	Pharmaceutical compositions based upon phospholipid complexed microparticles of <i>Delphinium denudatum</i> (jadwar) extract & preparation thereof.
8.	Indian Patent Application No. 1731/DEL/2010.	Jamia Hamdard	Abdul Rauf, Md. Aamir Mirza, Sushma Talegaonkar, Zeenat Iqbal, Mohd. Samim, Asim Bhatnagar, Roop K. Khar and Farhan J. Ahmad.	Date of Filing: 23/07/2010 Published on: 17/02/2012	A nasal inhalation apparatus for pulmonary delivery of DPI to animal.
9.	Indian Patent Application No. 13/DEL/2010.	Jamia Hamdard	Shadab Ahmad Pathan, R. K. Khar, Farhan Jalees Ahmad, Gaurav Kumar Jain, Sohail Akhtar and S.M. Abbas Zaidi.	Date of Filing: 04/01/2010 Published on: 08/07/2011	Nanocompositions of thymoquinone.
10.	Indian Patent Application No: 2095/DEL/2011.	Holista Biotech SDN BHD and Jamia Hamdard	Qazi Ghulam Nabi, Ahmad Farhan Jalees, Samim Mohd, Cooper Deborah and V. Marnickavasagar M. Rajendran.	Date of Filing: 25/07/2011 Published on: 01/02/2013	Collagen nanostructures.
11.	PCT/MY2012/0002 10.	Holista Biotech SDN BHD and Jamia Hamdard	Qazi Ghulam Nabi, Ahmad Farhan Jalees, Samim Mohd, Cooper Deborah and V. Marnickavasagar M. Rajendran.	Date of Filing: 23/07/2012 Published on: 31/01/2013	Collagen nanostructures.
12.	Indian Patent 248830.	Jamia Hamdard	Mohd Aqil, Roop K. Khar and Farhan Jalees Ahmad.	Date of Grant: 29/08/2011	A release pharmaceutical preparation for colon delivery.
13.	Indian Patent Application No. 2752/DEL/2011.	Jamia Hamdard	Mohd Aqil, Farhan Jalees Ahmad and Asgar Ali.	Date of Filing: 22/09/2011 Published on: 22/03/2013	Aloe vera oil: a new skin permeation enhancer.
14.	Indian Patent 249119.	Jamia Hamdard	M. Aqil, Yasmin Sultana, Asgar Ali and Farhan Jalees Ahmad.	Date of Grant: 30/09/2011	Polymeric diffusing matrix containing a potassium channel opener.
15.	Indian Patent 249172.	Jamia Hamdard	Rajesh Khanna, Suraj Prakash Agarwal and R.K. Khar.	Date of Grant: 10/10/2011	Fulvic acids and humic acids as novel complexing agents and a process thereof.

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16.	Indian Patent 250538.	Hamdard University	Bahar Ahmed and Anwarul Haque Siddiqui.	Date of Grant: 09/01/2012	A novel Heterocyclic Compound Xanthoxy Propaolamines.
17.	Indian Patent 250983.	Jamia Hamdard	M. Aqil, Bhavna, Farhan Jalees Ahmad and R.K. Khar.	Date of Grant: 14/02/2012	A pharmaceutical composition for transdermal/transmucosal delivery.
18.	Indian Patent Application No. 306/DEL/201 2 A.	Jamia Hamdard	Abdin Malik Zainul, Ahmad Farhan Jalees Ahmad, Hejazi Mohammad Saeid, Alvari Amene and Rafsanjani Mehrnaz Sadat Ohadi.	Date of Filing: 03/02/2012 Published on: 10/04/2015	Novel formulation of hepatoprotective herbal extracts/bioactives and composition thereof.
19.	Indian Patent Application No. 305/DEL/2012 A.	Jamia Hamdard	Abdin Malik Zainul, Samim Mohammad, Hejazi, Mohammad Amin, Rafsanjani Mehrnaz Sadat Ohadi and Alvari Amene.	Date of Filing: 03/02/2012 Published on: 10/04/2015	Novel Inorganic Metallic Nano-Particulate Gene Carrier For Effective Biotransformation And Composition Thereof.
20.	Indian Patent Application No. No.80/DEL/201 2 A.	Jamia Hamdard	Sushama Talegaonkar, Azeem Adnan, Neelu Jain, M. Lalit Negi, Farhan J. Ahmad and R. K. Khar.	Date of filing :10/01/2012 Published on: 01/05/2015	Composition for regulated release of neurotherapeutic agent and a process therefore.
21.	Indian Patent 255262.	DRDO	Farhan Jalees Ahmed, Roop Krishan Khar, Premashish Kar, Krishan Sawroop and Aseem Bhatnagar.	Date of Grant: 07/02/2013	Oral formulations for enhancing gastric emptying and sphincter relaxation instantly and a process of preparation thereof .
22.	Indian Patent Application: 2100/DEL/201 3.	Jamia Hamdard	Sushama Talegaonkar, Lalit K Negi, M Tariq, Roop K. Khar, F. J. Ahmad and Z. Iqbal.	Date of Filing: 12/07/2013 Published on:16/01/20 15	A novel self micro emulsifying composition with Pgp inhibitory activity for enhanced oral bioavailability of anticancer agent.
23.	Indian Patent 8835509.	Arbro Pharmaceutical s Ltd., Jamia Hamdard (Hamdard University),	Kanchan Kohli, Sunny Chopra, Saurabh Arora, Roop K. Khar and Kolappa K. Pillai.	Date of Grant: 16/09 /2014	Self emulsifying drug delivery system for a curcuminoid based composition.
24.	US2011029490 0 A1.	Jamia Hamdard (Hamdard University), Ar bro Pharmaceutical s Ltd.,	Kanchan Kohli, Sunny Chopra, Saurabh Arora, Roop K. Khar and Kolappa K. Pillai.	Date of Filing: 26/0 4/2011 Published on: 01/12/2011	Self emulsifying drug delivery system for a curcuminoid based composition.
25.	Indian Patent Application No. 725/DEL/2013.	Jamia Hamdard	SK Jain, Shabnam Malik and Deepshikha Pande-Katare.	Date of Filing: 13/03/2014	A novel biomarker for early detection of liver cancer.
26.	Indian Patent Application No. 1515/DEL/201 4A.	Jamia Hamdard	Sushama Talegaonkar, Lalit M Negi and M.Jaggi.	Date of Filing: Jan., 2014 Published	Cancer cell targeting and modulation of multi drug resistance with hyaluronated liposomes.

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				on: 11/12/2015	
27.	Indian Patent Application No. 2460/DEL/2014.	Jamia Hamdard	Mohammad Sarwar Alam, Syed Nazreen, Hinna Hamid and Syed Shafi.	Date of Filing: 29/08/2014	An andrographolide compound and process of preparation thereof.
28.	Application # 725/DEL/2013	Jamia Hamdard	S.K. Jain, Shabnam Malik and Deepshikha Pande-Katare	Date of Filing: 2013	A Novel Biomarker for Early Detection of Liver Cancer
29.	Application 2617/DEL/2013 .	Jamia Hamdard	Abdin. MZ, Javed S, Panda BP, Saxena P, Ahlawat S, Ali A	Date of Filing: 2013	An improved bioreactor for suspension and hairy root cultures
30.	1731/DEL/2010	Jamia Hamdard	Dr. M. Samim et. al	Date of Filing: 23.07.2010	A nasal inhalation apparatus for pulmonary delivery of DPI to animal
31.	Indian patent filed. Patent filed No: 2460/DEL/2014	Jamia Hamdard	Prof. M. S. Alam, Dr. Hinna Hamid, Dr. Syed Shafi, Syed Nazreen	Date of Filing: 2014	Andrographolide compound and process of preparation thereof.

3.2.3. Provide the following details of ongoing research projects of faculty

Name of the Faculty Member	Year Wise	Number	Name of project	Name of funding agency	Total grant received
Dr Farhan J Ahmad	2011	01	Platform technology for enhanced radio protective effect of herbs by using nanotechnology approaches	UGC-SAP	55.6 Lakhs
Dr Farhan J Ahmad	2011	01	Development and evaluation of alpha keto glutarate and biphosphonate inhalable nanoparticles as antidotes for inhaled toxic substances.	OPCW, The Hague, Netherlands	25000 Euro
Dr Farhan J Ahmad	2011	01	Pharmaceutical development for supporting clinical and applied research being conducted at INMAS with reference to NBC products and high altitude Gastropathy.	DRDO	13 Lakh
Dr Farhan J Ahmad	2011	01	UGC Research Award	UGC	32 Lakh
Dr Farhan J Ahmad	2015	01	e-pathshala Project in Pharmaceutical Sciences	UGC	28 Lakh
Dr Sayeed Ahmad	2011	01	Tissue culture and DNA fingerprinting of	AICTE	10.5 lacs

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			Piccorrhiza		
Dr M Mujeeb	2011	01	Tissue culture studies on Dioscorea	AICTE	10.5 lacs
Dr Vidhu Aeri	2011	01	Bioactivity guided fractionation of extracts of hepatoprotective and immunomodulatory medicinal plants	NMPB	59.9 lacs
Dr Kanchan Kohli	2012	01	Design of an Optimum solid nanolipid solid vesicular system for oral bioavailability enhancement of poorly soluble lipophilic antihypertensive agent.	UGC	12.37 Lacs
Dr Vidhu Aeri	2012	01	Identification and characterization of novel pharmacophores from asokarista and probing the roll of fermentation on chemical constituents of asoka bark	DST	20 Lacs
Dr Saima	2013	01	PLGA nanoparticles of 5-Flurouracil for targeted delivery to Squamous Cell Carcinoma	DST	24.89 Lacs
Dr Uma Bhandari	2013	01	Study of gut microbiota-induced atherosclerosis and obesity and modulation by Embelin in rats Candidate ID: MRP-MAJOR-PHAR-2013-39022	UGC	13,52,000/- (approved)
Dr Showkat Rasool Mir	2013	01	Systematic development of herbal antidiabetic combination.	UGC	13.91 lacs
Dr Aqil	2014	01	Formulation and Characterization of Nanoemulsion based Transdermal Therapeutic Systems for Management of Hypertension	UGC	24 Lacs
Dr Javed Ali	2014	01	Brain Targeted Mucoadhesive Nanoparticulate Drug Delivery System	UGC	27 Lacs
	2014	01	Epilepsy and Osteoporosis	UGC SAP	100.5 lacs

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Prof. Divya Vohora				DRS Phase 2	
Dr Sushama	2015	01	Design and development of ligand based nanoparticles for tumor targeting	UGC	25 Lacs
Dr Sayeed Ahmad	2015	01	Metabolomic and Pharmacokinetic profiling of IRF of Picrorrhiza	UGC	3.0 Lacs
Dr Sayeed Ahmad	2015	01	Druggability of Phenyl-propanoid rich fraction of green tea as antifungal adjuvant, <i>in silico</i> , <i>in vitro</i> and <i>in vivo</i> approach”	DST	35 Lacs
Dr Sayeed Ahmad	2015	01	Pharmacokinetic profiling of DIP-G-FIT tablet	DRDO	9.9 Lacs
Ms. Maryam Khalid, DIMAGI Enterprises - Project Co-ordinator: Dr. ManjuChhugani	2015	01	A Qualitative Study Assessing the Feasibility and Usability of a Mobile Partograph, A Novel Mobile Tool supporting Safer Deliveries in India.”- 2015	DIMAGI Enterprises, New Delhi	6,14, 350

Name of the faculty	Title of the Ongoing project	National/ International funding agencies	Grant received (Lakhs)
Prof. S.K. Jain	Proteomic approach for identification of lung cancer specific proteins : Development of Molecular Biomarkers and Biosensors for prediction and early detection of lung diseases.	DRDO	30.00
	Proteomic based biomarkers for early detection of hepatocarcinoma.	UGC	5.17
Prof. M.Z. Abdin	Development of standard operational procedures and pharmacopoeial standards of some single unani drugs	Department of AYUSH	29.00
	Optimization of conditions of cell suspension and hairy root culture from <i>Artemisia annua</i> L. plant for enhanced production of artemisinin.	DRDO	29.95
	Development of <i>Artemisia annua</i> L. plants with high Artemisinin contents through genetic modulation of key enzymes of Artemisinin biosynthesis	DST-IPCA	97.64
	Establishing function of osmotin protein in proline biosynthesis in plants through data mining and bioinformatics tools.	UGC	6.00
Prof. Pratima Ray	National Alliance Program for Biodesign and in-vitro diagnostics between Translational Health Science and Technology Institute, Indian Institute	DBT	110.00

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	of Technology and All India Institute of Medical Sciences		
	National Hospital Based Rotavirus Surveillance Network at All India Institute of Medical Sciences, New Delhi	ICMR	103.16
	Indo-US Program on Human Immunity to Chikungunya Viruses	DBT	66.00
	Evaluation of Chikungunya infection in children and adults	DBT	143.8
	Rotavirus strains infecting neonates born in the hospital and diarrheal children admitted at AIIMS, Delhi during 2007-2009 .	ICMR	33.8
Dr. Alka Narula	Mitropagation and transformation for early flowering of <i>Dendrocalamus strictus</i> - an economically important bamboo.	UGC	9.23
	Ectopic expression of Atleafy (Lfy) in <i>Brassica juncea</i> for early flowering.	DST	21.48
	Micropropagation and <i>Agrobacterium tumefaciens</i> mediated transformation of <i>Tylophora indica</i> (Burm. f.) Merrill.	DST	14.16
Dr. Humaira F.	Protein Stabilization by Boron: A Thermodynamic Study of Protein Folding/ Unfolding.	Jamia Hamdard	4.00
Dr. Saima Wajid	Differential Protein Expression In Renal Amyloidosis	ICMR	35.00
	Transcriptome Analysis To Cluster Genes Involved In Breast Carcinogenesis Using Micro And Minisatellites.	Jamia Hamdard	4.00

Name of the faculty	Title of the Ongoing project	National/ International funding agencies	Grant received (Lakhs)
Prof. M. Iqbal	Preparation of electronic herbarium & digital database of the medicinal plants of Unani formations	CCURM	25
Prof. M.P. Sharma	Status survey of floristic diversity of Delhi in the context of rapid urbanization and habitat loss	UGC	8.6
Dr. Shahid Umar	Potassium for enhancing nitrogen utilization efficiency of C ₄ (sorghum) and C ₃ (Wheat plants: Biochemical processes and proteomics approaches	International Potash Institute, Switzerland	US\$ 10000-
Dr. A. Mujib	Analysis of efficacy of in vitro raised plant (<i>Catharanthus roseus</i>) extract in protecting chemically induced carcinogenesis in model rat.	CCRUM/ AYUSH	16

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Dr. A. Mujib	Role of free radical, association of antioxidant enzyme and related biochemical analysis during <i>invitro</i> embryogenesis/morphogenesis in medicinal plants (<i>Allium</i> and <i>Catharanthus</i>)”	UGC	9.36
Dr. Altaf Ahmad	Proteome analysis of nitrogen-efficient & nitrogen-inefficient wheat varieties at elevated CO ₂ and high temperature regimes	ICAR-NICRA	41.12
Dr. Altaf Ahmad	Identification and characterization of metabolic process(s) for improvement in nitrogen use efficiency of wheat	UGC	9
Dr. Altaf Ahmad	Study of transcriphonic and metabolomic changes induced by nitrogen and phosphorus stress in maize roots	DBT	83
Dr. Altaf Ahmad	Development of FRET-based nanosensor for measurement of <i>in vivo</i> flux of lysine and methionine	DBT	23

Name of the faculty	Title of the Ongoing project	National/ International funding agencies	Grant received (Lakhs)
Dr. Ameerunisha Begum	Research Promotion Grant	Jamia Hamdard Research Promotion	2
	Nano composites as catalysts for generation of hydrogen gas from water in PEMFC	Extramural research DST National	37.8
Dr. Mohd Samim	Size dependent toxicity study of TiO ₂ nanoparticles and its toxicity modulation by herbs	UGC National	6.76
	Nanoencapsulation of MiDMSA	DRDO National	3.5
	Size and shape dependent antifungal studies of silver nanoparticles	DST National	17.9
	Formulation of Nanocurcumine and its application for the treatment of Brain Ischemia	DST National	47.46
Dr. Hinna Hamid	Small molecule inhibitors of glycogen synthase kinase – 3	DST-Fast Track National	17.36
Dr. Syed Shafi	Development of Novel Pyrrole based marine natural product like libraries	DST-Fast Track National	27
Dr. Sameena Bano	Synthesis of nanoformulation of lycopene and resveratrol and development of their drug delivery system for cancer treatment	DST-Fast Track National	23
Dr Neha Gupta	Correlation of persistent inflammatory pap smear with HPV testing, via and colposcopy	Jamia Hamdard/1 Year	0.6

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Name of the faculty	Title of the Ongoing project	National/ International funding agencies	Grant received (Lakhs)
Dr. Shakir Ali & Dr. Rana Zaidi	Studies on the wound healing property of some medicinal plants rich in triterpenoid saponins	UGC MRP	13
Dr. Rana Zaidi	Isolation and characterization of dietary mutagens in food, risk assessment and cancer chemoprevention	UGC MRP	8.08
Dr. Farah Khan	Evaluation of possible role of SHP-1 in obese insulin resistant murine model using fluorescence resonance energy transfer [FRET] approach	ICMR under HRD scheme of DHR	29.74
	Stimulatory effect of some mineral compounds on the immune system in murine model	ICMR	18.24
Departmental projects	Role of boron in cell proliferation and selected compounds in diabetes mellitus and liver cirrhosis.	UGC-SAP DRS-I	62

Name of the faculty	Title of the Ongoing project	National/ International funding agencies	Grant received (Lakhs)
Major project	Pharmacological Evaluation of some Herbal Drugs For Their Anti-oxidant and Anti-diabetic Activity	AICTE, New Delhi	10.5 lakhs

Name of the faculty	Title of the Ongoing project	National/ International funding agencies	Grant received (Lakhs)
Hifzul Kabir	Classical Methods of Tadbeer (Detoxification) of Toxic Unani Drugs & their Comparative Chemical Analysis	Dept. of AYUSH	10
Mohd Asif	Application & Cost Effectiveness of LAMP (Loop Mediated Isothermal Amplification)- Based Technology For Authentication of Medicinal Plants	Dept. of AYUSH	10

Name of the faculty	Title of the Ongoing project	National/International funding agencies	Grant received (Rs.)
Dr. Harleen Kaur	Information and Communication Technologies for Economic Development. Special focus on Intelligent Knowledge Grid Information Retrieval and Diffusion.	DST, India and Ministry of Polish, Poland	10.78,000/-
Dr. Seeja K. R.	Solving the	UGC, New Delhi	12,05,800/-

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	Travelling Salesman Problem with Sparse Graphs		
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Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure	Grant received
Prof.(Dr) Manju Chhugani Dr.Smriti Arora	Enhancing quality of Midwifery Education in Bihar (March 2012-December 2013)	UNFPA	21,26,200/-
Prof.(Dr) Manju Chhugani	Establishment of National Skill Lab-DAKSH at Jamia Hamdard in collaboration with Liverpool School of Tropical Medicine and Ministry of Health and Family Welfare, Government of India (July 2014-(Ongoing)	DIFID	Rs. 1 Crore
Prof.(Dr) Manju Chhugani	A Qualitative study for Assessing the Feasibility and Usability of a Mobile Partograph – A Novel Mobile Tool supporting Safer Deliveries in India” in collaboration with DIMAGI India. (1/12/14 to 31/12/16) Ongoing	DIMAGI Software Enterprizes	Rs. 6,14,350/-

Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure	Grant received
Dr. Heena Tabassum	Targeting mitochondria in ischemic stroke and traumatic brain injury	DBT 18.11.2014 to 17.11.2017	Rs. 44,20,000

3.2.4. Does the University have any projects sponsored by the industry / corporate houses? If yes, give details such as the name of the project, funding agency and grants received.

Name of the faculty	Name of project	Year in which given	Sponsoring agency (Industry/Corporate)	Total grant received
Dr Saeed Ahmad	Evaluation of Hepatoprotective and anti-inflammatory activities of some Herbal formulations	2011	Dabur India Ltd	19 lacs
Professor M.Z. Abdin	The nutrient management technology developed in the Department for higher artemisinin yield and 1000 tissue culture raised seedlings of	2011	M/s Ipca Laboratories Ltd., Mumbai	6.00 Lakhs

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	<i>Artemisia annua L.</i>			
Professor S.K. Jain	Development of S.Typhoid Rapid or Elisa test kit by using r-49KDa OMP to conduct initial studies	2010	J Mitra & Co Pvt. Ltd	2.00 Lakhs
	To check out the suitability of the antigen in proposed test kit	2010	M/s Oscar Medicare Pvt. Ltd	Rs. 19,500/-

3.2.5. How many Departments of the University have been recognized for their research activities by national/ international agencies (UGC-SAP, CAS; Department with Potential for Excellence; DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.

Significant outcomes or breakthroughs achieved by this recognition

Name of department	Year in which given	Funding agency (UGC-SAP, DST-FIST, DBT, ICSSR, ICHR, ICPR etc)	Quantum of assistance received	Two significant outcomes or breakthroughs achieved by this recognition
Pharmaceutics	2011-2016	UGC-SAP	55.24 lacs	Super critical Fluid Particle Generation Lab was established
	2011	DST-FIST	25 lacs	Ph. D. Lab was upgraded
Pharmacognosy and Phytochemistry	2015-2020	UGC-SAP DRS Phase II	130.5 lacs	In process
	2009-2014	DST-FIST	56 lacs	Pharmacognosy werthe upgraded with latest equipment
	2010-2014	UGC-SAP DRS -I	65 lacs	GCMS Lab was established for oil estimation
	2009-2012	AICTE-MODROB	15 lacs	Analytical labs were upgraded
Pharmacology	2009-2014	UGC SAP DRS Phase 1	70 lacs	<ul style="list-style-type: none"> • Neurobehavioral Pharmacology laboratory was developed • Combination therapy in epilepsy investigated and findings published in reputed International journals
Pharmacology	2015-2020	UGC SAP DRS Phase 2	100.5 lacs (sanctioned)	Thrust area: Epilepsy and Osteoporosis (currently ongoing)

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Biotechnology	2011-2015	UGC-SAP	65 lacs	Confocal Lab was established
Biochemistry	2012-2016	UGC-SAP DRS-1	62 lacs	Basics labs were developed in Liver disease
Botany	2011-2015	UGC-SAP DRS-1	39,64,809	Research labs were upgraded
Medical Elementology and Toxicology	2011-2015	UGC-SAP	70 lacs	Research labs were upgraded

3.2.6. Research projects completed and grants received during the last four years (funded by National/International agencies).

COMPLETED PROJECT

Name of the faculty	Title of the Ongoing project	National/ International funding agencies	Grant received (Lakhs)
Dr Farhan J Ahmad	Development and evaluation of alpha keto glutarate and biphosphonate inhalable nanoparticles as antidotes for inhaled toxic substances	International/OPCW, The Hague, Netherlands	25,000 Euro
Dr Farhan J Ahmad	Pharmaceutical development for supporting clinical and applied research being conducted at INMAS with reference to NBC products and high altitude Gastropathy.	National/DRDO	13 Lakhs
Dr Kanchan Kohli	Development of Nanoparticulate Based Drug Delivery System to Enhance Oral Bioavailability and Stability of Lycopene	National/AICTE	18 Lakhs
Dr Sanjula	Nanoparticulate systems of Corticosteroids with keratolytic agents for the treatment of psoriasis	National/AICTE	18 Lakhs
Dr Sanjula Baboota	Nanocurcumin: A novel approach for the treatment of cancer	National/UGC	10.27 lacs
Dr Javed Ali	Nanoparticulate drug Delivery system of an antiparkinson drug for targeted brain delivery	National/AICTE	10.75 Lakhs
Dr Javed Ali	Bioadhesive Nasal Nanoparticulate Drug Delivery System for the treatment of osteoporosis	National/ICMR	12.165 Lakhs
Dr Sushama	Nanostructured Formulation Approaches For Effective Delivery Of Some Anticancer Drugs Based On P-Glycoprotein	National/DBT	24.96 Lakhs

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	Modulation		
	Design and development of novel drug carrier systems constituting herbal Potentiators for treatment of cancer	National/AICTE	18 Lakhs
Dr Farhan J Ahmad	Designed and development of Nanoparticulate drug delivery system for the treatment of lymphatic filariasi	National/AICTE	17 Lakhs
Prof. Divya Vohora	Evaluation of some newer antiepileptic drugs on biochemical markers of bone turnover and bone mineral density and an investigation on preventative treatment for some conventional antiepileptic drugs in rodents	National/ICMR	30 Lakhs
Prof. Divya Vohora	Evaluation of combined therapy of β -adrenergic receptor antagonist with antidepressant and antianxiety agents with special reference to depression, anxiety and stress	National/AICTE	7.25 Lakhs
Dr. Abul Kalam Najmi	Evaluation of a renin inhibitor on experimentally induced myocardial infarction and cardiac remodeling	National/AICTE-CAYT	10.5 Lakhs
Dr. Abul Kalam Najmi	Investigation on protective effects of aliskiren on doxorubicin induced cardiotoxicity and nephrotoxicity	National/UGC	8.41 Lakhs
Dr Mohd Akhtar	Evaluation of guggulipid extract in animal model of focal cerebral ischemia in rats	National/UGC	12.425 Lakhs
Prof. K. K. Pillai/ Prof. Divya Vohora/ Dr. R. Khanam	Combination therapy in Epilepsy: Search for suitable adjuncts	National/UGC SAP DRS Phase I	70 Lakhs
Dr Sayeed Ahmad	Standardization and Development of Chromatographic Fingerprints of some Classical Unani Cardioprotective Drugs	National/AYUSH,UPC(C CRUM)	22.72 Lakhs
Dr Sayeed Ahmad	Development of standard operational procedure of compound Unani formulations mentioned in NFUM	National/AYUSH,UPC(C CRUM)	25 Lakhs
Dr Sayeed Ahmad	Development and evaluation of sugar free capsule dosage form of some Khamiras used in cardiac disorders	National/AYUSH CCRUM – EMR	10.0 Lakhs

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Prof SH Ansari	Development of Standard operational procedure and chromatographic finger print of some Unani compound formulations	National/AYUSH CCRUM – UPC	29.0 Lakhs
Dr M Mujeeb	Standardization and development of standard operational procedure of some compound Unani formulations described in national formulary of Unani medicines	National/AYUSH CCRUM – UPC	26.0 Lakhs
Dr. Bahar Ahmed	Antihypertensive activity and testing of safety profiles of novel heterocyclic compound and the process of preparation thereof	National/UGC	10 Lakhs
Dr Asif Husain	Studies on novel heterocyclic and fused heterocyclic system: Search for potential Antitubercular and Anticancer agents.	National/UGC	10.06 Lakhs
Prof. Dr. Mrs Manju Chhugani	Enhancing Quality of Midwifery Education in Bihar’ supported by UNFPA and JH. Lesson plan booklets on various subjects, practical manual and teacher’s guide for ANM tutors were prepared	UNFPA	21 Lakhs
Dr. Mymoona Akhtar	Synthesis of novel heterocyclic agents, their molecular studies and their anti-mycobacterial activity	National/AICTE	10.5 Lakhs
	Development of herbal formulation from drugs used in Unani system of medicine for acne vulgaris	National/CCRUM	12 Lakhs
	Induction of apoptosis in cancer cells by novel synthetic five membered heterocyclic agents	National/AICTE	10 Lakhs
	Design and development of Antimalarial Agents: their synthesis, biological evaluation and SAR Studies	National/UCG	9.75 Lakhs

Inter-institutional collaborative projects and grants received

(i) All India collaboration

Name of the faculty	Title of the Inter-institutional collaborative projects	All India collaboration/ International collaboration	National /International funding agencies	Grant received
Dr Vidhu Aeri	Bioactivity guided fractionation of extracts of hepatoprotective and immunomodulatory medicinal plants, NMPB	AMITY University, Noida	NMPB	59.9 Lakhs

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Dr Farhan J Ahmad	Nationally Coordinated Project “Development and Evaluation of few Novel Drug Delivery Systems”	INMAS, Delhi IIT, Delhi RBTB Hospital, Delhi GB Pant Hospital, Delhi	DRDO	10 lakhs
	Pharmaceutical development for supporting clinical and applied research being conducted at INMAS with reference to NBC products and high altitude Gastropathy	INMAS, DRDO	DRDO	13 Lakhs
Dr Sayeed Ahmad	Study of Transcriptomic and Metabolomic changes induced by Nitrogen and Phosphorus Stress in Maiz root	IARI, Pusa	DBT	79.88 Lakhs
	Evaluation of Tadaveer of some Unani formulation/ drugs	Faculty of Medicine	AYUSH CCRUM	30.0 Lakhs
	Development of quality standards and clinical evaluation of herbomineral formulation used in urolithiasis	Faculty of Medicine	AYUSH CCRUM	29.0 Lakhs
	Screening and evaluation of Anti-HIV activity of some Indian medicinal plants	Jamia Millia Islamia	AYUSH CCRUM	26.0 Lakhs
	Determination of Anti-Cancer activity of medicinal plants of Indian origin	Jamia Millia Islamia	AYUSH CCRUM	30.0 Lakhs
Dr Mrs Smriti Arora, Ms. Fareha Khan, Ms Ashin	Training Course on Health Care Technique of Traditional Chinese Medicine For Developing Countries 22nd July 2015 – 15th September 2015	International collaboration (Beijing, China)	Sponsored by Ministry of Commerce of the People’s Republic of China	TA/DA was provided
Prof Dr Mrs Manju Chhugani, Ms Veena Sharma, Ms. BinduShaiju, Ms Ashin, Ms Merlin, Ms	Faculty – student exchange programme	International collaboration (kungsholmens vastra gymnasium, vastra gymnasium, city of stockholm,	Kungsholmens vastra gymnasium, city of stockholm,	36 Lakhs

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Sheny Daniel		city of stockholm, sweden)	sweden	
Prof Dr Mrs Manju Chhugani	The national skills training centre – daksh, Jamia Hamdard 27 oct 2014	All India Collaboration	NHM, GOI	49 lacs
Prof Dr Mrs Manju Chhugani	Eco Club of Government of India November 2013	All India Collaboration	Govt. of India	20,000/annum

(ii) International

Name of the faculty	Title of the Inter-institutional collaborative projects	All India collaboration/ International collaboration	International funding agencies	Grant received
Dr Farhan J Ahmad	Development and evaluation of alpha keto glutarate and biphosphonate inhalable nanoparticles as antidotes for inhaled toxic substances	INMAS /DRDO	OPCW, The Hague, Netherlands, 2011-14	25,000 Euro

3.3. Research Facilities

3.3.1. What efforts have been made by the University to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?

- The University already has two central instrumentation facility at Faculty of Science and at Faculty of Pharmacy to promote research in emerging areas.
- Has established a state of art UPLC/MS/MS Facility with a nano UPLC System for Proteomic work and for work on complex herbal preparation from Ayurveda and Unani Systems of Medicine.
- University provides extra funds for the maintenance of infrastructure.
- Has a policy to sign MoU for research in emerging areas with international universities of repute and research laboratories.
- Provides paid leave and encourages faculty for pursuing research on emerging / cutting edge technology.

**LIST OF INSTRUMENTS
CENTRAL INSTRUMENTATION FACILITY (CIF)**

Faculty of Pharmacy, Jamia Hamdard

S. No.	Name of the instrument
1	Double Beam UV Spectrophotometer
2	Double Beam UV Spectrophotometer
3	High Performance Liquid Chromatograph- Quaternary pump
4	High Performance Liquid Chromatograph-Binary pump
5	Differential Scanning Calorimeter
6	Dissolution Test System
7	High Performance Thin Layer Chromatograph
8	High Performance Thin Layer Chromatograph
9	HPLC grade water purifier
10	Double Beam UV Spectrophotometer
11	Texture Analyzer
12	Elisa Reader
15	Fluorescence Spectrophotometer
16	NMR Spectrophotometer
17	LC-MS/MS with nano UPLC
18	LC-MS/MS With macro UPLC

CENTRAL INSTRUMENTATION FACILITY (CIF),

Faculty of Science, Jamia Hamdard

S. No.	Name of the instrument
1.	Atomic Absorption Spectrophotometer (AAS)
2.	Chns Analyzer
3.	Centrifuge Rt-6000
4.	Elisa Reader
5.	FT-IR
6.	Gel Doc. System
7.	HPLC
8.	HPTLC

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9.	Aas Sample Digester
10.	Rt-PCR
11.	Scintillation Counter (Ls-6500)
12.	Spectropolarimeter (Cd)
13.	Vis Spectrophotometer
14.	Ultra-Centrifuge Le-80
15.	UV-Vis Spectrophoto. Λ -20
16.	UV-Vis Spectrophoto. Dv-80
17.	Amicom Sample Concentrator
18.	Gene Gun Pds -1000
19.	Elix-20/Milli-Q Water Filtration Unit
20.	2D-Gel Electrophoresis
21.	Nanodrop Spectrophotometer
22.	Mettler-Toledo Balance Mx-5
23.	Sartorius Micro El Balance
24.	Solvent Filtration Unit
25.	Sonicator



3.3.2. Does the University have an Information Resource Centre to cater to the needs of researchers? If yes, provide details of the facility.

University is member of various e- Resource Centers and the information is available with Central Library. This information is sent to faculty on regular basis

University has a separate ‘computer centre’ with good connectivity for the students and faculties so that all can access as per their needs. The following are the e-Resources subscribed.

e- Resources Subscribed In - 2014

S.No.	Subscriptions Title of Journal
01.	J-Gate Plus
02.	Indian Journals
03.	SCOPUS

3.3.3. Does the University have a University Science Instrumentation Centre (USIC)? If yes, have the facilities been made available to research scholars? What is the funding allotted to USIC?

It is called CIF (Central Instrument Facility). It has been made available for all students. Some Funds are generated from the users. In addition University provides maintenance money for running CIF.

3.3.4. Does the University provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists (national/international)?

The University provides residential facility to research scholar with computer labs in each faculty with wifi internet facility.

Presently the existing infrastructure is sufficient to cater the needs of PDF/ Research Associate. The existing infrastructure is regularly reviewed and updated by the University.

3.3.5. Does the University have a specialized research centre/ workstation on-campus and off-campus to address the special challenges of research programmes?

There are On-campus research centres. Each Department has its own well equipped research laboratories in specialized areas like Biotechnology, Nanotechnology, Toxicology, Biochemistry, Chemistry However, University does not have a off-campus research centre

3.3.6. Does the University have centers of national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

Several Departments, Libraries and Laboratories of the University have emerged as important academic resource centers which are regularly visited by the researchers from different parts of the country and abroad.

- The Central Library maintains old Records Section containing Persian and Arabic texts of importance which are helpful to the researchers working on various themes. It is also a repository of several Unani Literatures.
- The Seminar Libraries of Departments of Pharmacy, Science, Medicine, Chemistry and Nursing, and others have got excellent collections which are used by the researchers.
- The Department of Wild Life Sciences facilitates researchers and officials in Bio-diversity and Wild Life Conservation.

3.4 Research Publications and Awards

3.4.1 Does the University publish any research journal(s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.

Yes, Indian Journal of Federal Studies, ISSN No. : 0976-8408

Editorial Board

Prof. T.K. Oommen (Jawaharlal Nehru University, New Delhi)

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Published by

Centre for Federal Studies

Hamdard University

Hamdard Nagar

New Delhi - 62, India

Editorial Policy

The objectives of the Centre are:

The objective for setting up this research centre was to explain and assess federalism as a socio-cultural theory recognising pluralism as the basis of accommodation and peaceful co-existence; as a political principle finding a pattern of constitutional diffusion of power; and exploring how interdependence can be the functioning principle of administrative arrangements, coordinating the legitimate distribution of power, authority and responsibility between governments and their various organs and institutions. The work at the Centre, in its studies and researches, has been in the above context. As an inter-disciplinary research centre, the Centre for Federal Studies has sought to contribute to a better understanding of the above

issues in a comparative setting of different federal polities.

Besides institutional research, publications of books and publication of a bi-annual research journal, organisation of seminars/ conferences and workshops, the Centre also imparts research guidance to scholars working for their PhDs in Federal Studies. Research is undertaken at the Centre on theoretical, practical and allied aspects of comparative federalism, state politics, constitutionalism and political developments in federal systems around the world.

THEMATIC THRUST:

Since Federalism has been evolving into a dynamic theory of nation-building and state-formation, the basic thrust of research at the Centre of Federal Studies has so far been on harmonization of state-society relations and finding ways of coordination and power-sharing in an accommodating manner among socio-cultural groups. The work at the Centre has been in the context of federalism as a socio-cultural theory recognising pluralism as the basis of accommodation and peaceful co-existence; as a political principle finding a pattern of constitutional diffusion of power; and exploring how interdependence can be the functioning principle of administrative arrangements, coordinating the legitimate distribution of power, authority and responsibility between governments and their various organs and institutions.

The Centre has believed that the process of nation state building in a plural society, like in India, can be aptly termed as Federal Nation-Building---- the process that weaves together the culturally discreet groups in a union type federal polity which articulates the federal qualities (diversity) of the society while retaining the respective identities and integrities of the constituting units. Thus, the emphasis so far has been on the study of unity of polity and plurality of society. Since the objective is to bridge the gap between polity and society, a multi-disciplinary approach is taken in the studies of social-federalism at this Centre. As an inter-disciplinary research centre, the Centre for Federal Studies seeks to contribute to a better understanding of the above issues in a comparative setting of different federal polities. The studies focus on the working of federal nation building in India, taking in the examples of similar workings in Europe, Canada, the USA, Australia and other Asian counries. Particular emphasis is given to studies of plural-federal polities

Now that the Centre has done considerable work in the above areas, it is felt that the ambit of research be widened to include policy areas in governance, issues

concerning equitable and practical distribution of powers and responsibilities between different tiers of governance, devolution and decentralisation in governance, Federal Dimensions of the Governmental Role in areas such as: Quality Governance, Result-oriented Action Plans for providing responsive administration, Financial and Infra-structural Constraints in Governance, and other areas of Fiscal Federalism. All these studies are comparative in nature, analysing the Indian polity with other federal polities.

3.4.2 Give details of publications by the faculty: Year-wise publications

FAULTY OF PHARMACY

Department of Pharmaceutics

	Year					Total
	2011	2012	2013	2014	2015	
National	08	08	12	16	03	47
International	62	82	55	107	71	377
Total	70	90	67	123	74	424

Department of Pharmacology

	Year					Total
	2011	2012	2013	2014	2015	
	31	39	35	38	36	179

Department of Pharmaceutical Chemistry

	Year					Total
	2011	2012	2013	2014	2015	
	68	43	50	43	28	232

Department of Pharmacognosy and Phytochemistry

	Year					Total
	2011	2012	2013	2014	2015	
	54	96	90	71	74	385

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HIMSR

Department of Microbiology

	Year					Total
	2011	2012	2013	2014	2015	
	-	01	08	04	06	19

Department of Anaesthesia

	Year					Total
	2011	2012	2013	2014	2015	
	-	02	05	02	02	11

Department of Pathology

	Year					Total
	2011	2012	2013	2014	2015	
	-	09	18	22	18	67

Department of Ophthalmology

	Year					Total
	2011	2012	2013	2014	2015	
	-	-	01	05	02	08

Department of Dentistry

	Year					Total
	2011	2012	2013	2014	2015	
				02	02	04

Department of Pharmacology

	Year					Total
	2011	2012	2013	2014	2015	
	-	-	02	5	8	15

Department of Physiology

	Year					Total
	2011	2012	2013	2014	2015	
	01	-	03	04	07	15

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Department of Rehabilitation Science

	Year					Total
	2011	2012	2013	2014	2015	
	7	8	15	8	7	45

Department of General Surgery

	Year					Total
	2011	2012	2013	2014	2015	
	-	-	7	9	2	19

Department of Anatomy

	Year					Total
	2011	2012	2013	2014	2015	
	-	2	2	1	1	06

Department of Anaesthesia

	Year					Total
	2011	2012	2013	2014	2015	
	-	2	5	2	2	11

Department of Biochemistry

	Year					Total
	2011	2012	2013	2014	2015	
	-	-	1	2	1	4

Department of Community Medicine

	Year					Total
	2011	2012	2013	2014	2015	
	-	1	1	4	17	23

Department of Ear, Nose, Throat

	Year					Total
	2011	2012	2013	2014	2015	
	-	-	3	2	1	6

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Department of Medicine and TB chest

	Year					Total
	2011	2012	2013	2014	2015	
	-	4	6	8	6	24

Department of Pediatrics

	Year					Total
	2011	2012	2013	2014	2015	
	-	1	2	3	2	08

Department of Forensic Medicine

	Year					Total
	2011	2012	2013	2014	2015	
	1	1	1	2	4	09

Department of Obstetrics & Gynecology

	Year					Total
	2011	2012	2013	2014	2015	
	-	1	7	11	11	30

Department of Paramedical Science

	Year					Total
	2011	2012	2013	2014	2015	
	-	1	5	4	9	19

FACULTY OF ENGINEERING AND INTERDISCIPLINARY SCIENCES

Department of Food technology

	Year					Total
	2011	2012	2013	2014	2015	
	-	4	3	4	-	11

FACULTY OF ISLAMIC STUDIES SOCIAL SCIENCE
Department of Federal Science

	Year					Total
	2011	2012	2013	2014	2015	
	3	5	3	1	3	15

Department of Islamic Science

	Year					Total
	2011	2012	2013	2014	2015	
	3	1	4	6	2	16

FACULTY OF MANAGEMENT AND INFORMATION TECHNOLOGY
Department of Management

	Year					Total
	2011	2012	2013	2014	2015	
	09	32	20	15	10	86

Department of Computer Science

	Year					Total
	2011	2012	2013	2014	2015	
	23	38	17	28	28	134

FACULTY OF NURSING
Department of Nursing

	Year					Total
	2011	2012	2013	2014	2015	
	3	18	19	14	39	93

FACULTY OF MEDICINE (UNANI)

Department of Amraz-E- NiswanQabalatWaAtfal (Gynaecology, Obstetrics & Pediatrics)

	Year					Total
	2011	2012	2013	2014	2015	
	1	4	1	1	2	9

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Department of Tahaffuzi-Wa-Samaji Tibb (Community Medicine)

	Year					Total
	2011	2012	2013	2014	2015	
	9	15	6	9	9	48

Department of Moalijat (Medicine)

	Year					Total
	2011	2012	2013	2014	2015	
	2	16	8	26	16	68

Department of Tahreeh Wo Munaful Aza (Anatomy And Physiology)

	Year					Total
	2011	2012	2013	2014	2015	
	1	3	3	2	3	12

Department of Kulliyat (Principles Of Medicine)

	Year					Total
	2011	2012	2013	2014	2015	
	1	1	1	1	2	6

Department of Jarahiyat (Surgery)

	Year					Total
	2011	2012	2013	2014	2015	
	2	4	1	4	2	13

Department of IlmulAdvia (Unani Pharmacology)

	Year					Total
	2011	2012	2013	2014	2015	
	18	51	10	3	8	90

FACULTY OF SCIENCE

Department of Medical Elementology & Toxicology

	Year					Total
	2011	2012	2013	2014	2015	
	35	54	34	31	39	193

Department of Botany

	Year					Total
	2011	2012	2013	2014	2015	
	30	36	28	40	49	183

Department of Biotechnology

	Year					Total
	2011	2012	2013	2014	2015	
	33	39	39	47	28	186

Department of Biochemistry

	Year					Total
	2011	2012	2013	2014	2015	
	16	18	29	28	22	113

Department of Chemistry

	Year					Total
	2011	2012	2013	2014	2015	
	11	20	19	20	21	91

Centre for Translational & Clinical Research

	Year					Total
	2011	2012	2013	2014	2015	
	2	1	1	3	5	12

DETAIL OF PUBLICATIONS

School of Interdisciplinary Studies

DEPARTMENT OF FOOD TECHNOLOGY

[2014]

1. F.M.Allai, Azad,Z.R.A.A., B.N.Dar, T.Ahmad (2014) Shelf-life study of Sugar Cane Juice: Effect of Different Treatments. *Advances in Food Sciences*,36,(4) ISSN-1431-7737
2. Vasudha Sharma and H.N.Mishra (2014) Unstructured kinetic modeling of growth and lactic acid production by *Lactobacillus plantarum* NCDC414 during fermentation of vegetable juices. *LWT-Food Science and Technology*,59, 1123-1128. ISSN-0023-6438
3. Ishrat Majeed, S.A.Ashraf, M.F.Ahmad, M.A.Khan, Z.R.A.A.Azad (2014) conventional heat treatment on fatty acid profile of different edible oils using gas chromatography. *International Journal of Biosciences*,Vo-4,No-1, pp-238-243 ISSN-2220-6655
4. Ajay Kumar Sharma, Rajeev Kumar, Z.R.A.A.Azad, P.G.Adsule (2013) Use of fine wine lees for value addition in the ice cream, *Journal of Food Science and Technology*, page 10-13 ISSN-0022-1155

[2013]

1. M.F.Ahmad, F.A.Ahmad, Z.R.A.A.Azad, M.I.Alam, J.A.Ansari, B.P.Panda (2013) Edible Mushroom as Health promoting Agent. *Advance Science Focus*, Vol-1, pp-1-8 ISSN-2330-0760
2. M.F.Ahmad, B.P.Panda, Z.R.A.A.Azad (2013) Simultaneous Bio prospecting of *Ganoderma Lucidium* OE -52 with Ganoderic acid b and C2 by submerged fermentation process, *Advances Science focus*,Vol-1,pp-1-4, ISSN-2330-0760
3. M.F.Ahmad, F.A Ahmad, Z.R.A.A.Azad, M.S.Alam,S.A. Ashraf, (2013) Nutraceutical is the need of hours, *World journal of of Pharmacy and Pharma ceutical Sciences*, 2(5),2518-2525 ISSN-2278-4357

[2012]

1. Z.R.A.A. Azad (2012) Role of smoking on the textural characteristics and shelf-life of buffalo meat, *Journal of Industrial Research and Technology*,2(2), 98-103 ISSN-2229-9467
2. Z.R.A.A. Azad (2012) Effect of packaging materials on the shelf-life and sensory characteristics of Buffalo meat during refrigerated storage , *Journal of Industrial Research and Technology*,Vol-2(1,pp-51-57) ISSN-2229-9467

3. Vasudha Sharma and H.N.Mishra (2012) Fermentation of vegetable juice mixture by probiotic lactic acid bacteria, Nutra Food
4. Ajit K Singh, Vasudha Sharma and K C yadav (2012) Journal of Food Science and Technology, 3,(2) ISSN-2278-2249

School of Humanities and Social Sciences

CENTRE FOR FEDERAL STUDIES

2015

1. S. Mehartaj Begum, (2015). “Promoting Cooperative Governance in India: The Case of Protection and Promotion of Human Rights” African Journal of Public Affairs, 8(1),58. (African Journal of Public Affairs is peer-reviewed journal accredited with the International Bibliography of the Social Sciences and four editions are published in a Year) by University of Pretoria, South Africa.
2. Ajay Kumar Singh (2015). “Exploring Union Model of Indian Federalism”, in Yojana, (A Development Monthly of Government of India, Ministry of Information and Broadcasting), 35-40. (ISSN- 0971-8400).
3. Rajendra Kumar Pandey (2015). ‘Anti-terror Measures and Federal Balance in India’, The Indian Journal of Public Administration, LXI(1), 23-39. (ISSN-00195561)

2014

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2. Nisa, S & Ravichandran N (2015). Business Model Evolution and Trade Policy Implication (study of IT industry). Educator, FIMT Journal., Volume 8, pages (53 – 63). ISSN: 2277-9736.

School of Unani Medicine

**DEPARTMENT OF AMRAZ-E-NISWAN QABALAT WA ATFAL
(GYNAECOLOGY, OBSTETRICS & PEDIATRICS)**

INTERNATIONAL

2015

1. Uzma Bano , Akhtar Siddiqui,Azher Jabin,Faseeh uzzaman, Asrar Ahmad, Shafia Mushtaq (2015)” “Concept of prolapsed Inter vertebral disc (Hadba) and its management in Unani Medicine. Indo American Journal of Pharmaceutical Research, ISSN: 2231-6876 Vol 5,Issue
2. Uzma Bano , Azher Jabin , Asrar Ahmad ,Akhtar Siddiqui.(2015),”Therapeutic Uses of Vitex negundu”World journal of Pharmaceutical Research Vol 4 ,Issue 12,589-606
ISSN 2277-7105, IF: 5.990.ICV: 6.2

National:

2014

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2013

1. Suhail Fatima, (2013) “Some Facts about Embryology in the light of Al Quran “Sada-e- Hadi”, in Annual Magazine ,Aligarh Muslim University P 55-57.

2012

1. Suhail Fatima, Nasir Ali Khan (2012) “Access to Health Care to All with Special Reference to Common Cancers of Women –A Health Rights Based Approach “ in Proceedings of UGC Sponsored conference on Science. Ethics and Human’s Rights, held on 10.-11. Feb 2011,PP 288-305
2. Nasir Ali Khan, Suhail Fatima, (2012)“A Study on Preparedness on Natural Disasters Through a Planned Programme on Safety in Schools -A Child Rights Based Approach” “ in Proceedings of UGC Sponsored conference on Science. Ethics and Human’s Rights, held on 10.-11. Feb 2011,PP 288-305
3. Jahanara, Suhail Fatima, Shehla nazeer,Zehra Zaidi (2012)“ Climate Change and Human Rights, “ in Proceedings of UGC Sponsored conference on Science. Ethics and Human’s Rights, held on 10.-11. Feb 2011. PP 16-17
4. Hamida Aaqil, (2012)“ ”Post-Partum Hemorrhage Jiryanuddum Bad Viladat” “Souvenir Ajmal”2011-12.Proceedings of International conference on Unani Pathy & Complementary Medicine in its Prime, PP 27-32

2011

1. Suhail Fatima, Nasir Ali Khan“ Gul e Dhawa A Beautiful Flower-An Important Medicinal Flower”in Indian Journal of Unani Medicine Volume IV Issue 1. Jan-June 2011.PP 45-48

DEPARTMENT OF TAHAFFUZI-WA-SAMAJI TIBB (COMMUNITY MEDICINE)

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1. Abdullah bin Junaid, Reshma Nasreen, Mohammed Junaid Siddiqui, Waquar Ahmed. (2015) A Comparative Analysis of Male and Female Consumer Behaviour Factors for their Cosmeceutical Products types. Journal of Accounting & Marketing. 4(2): 132. doi: 10.4172/2168-9601. ISSN 2168-9601.
2. F. Firdaus, M. Mujeeb, R. Sharma, A. Hussain, A.H. Khan, Mohammad Akram (2015) "A Review on Pharmacological and Toxicological Potentials of Cassia occidentalis Linn." European Journal of Biomedical and Pharmaceutical Sciences, 2(6): 260-265. SJ Impact Factor-2.062. ISSN: 2349-8870
3. Farheen Zaidi, Rubi Anjum, Fatima Zaidi. (2015) Antenatal Depression: A noteworthy risk Factor of Post Partum Depression. International Journal of Innovative Research and studies, 4(5): 168-177. ISSN 2319-9725
4. Paras Wani, F. Talat, M. J. Siddiqui, Arshi Riyaz, Arti Mal. (2015) A Study to Assess Immunization Status of Children Attending A&U Tibbia College & Hospital. Indo American Journal of Pharmaceutical Research. 5(1): 479-482. ISSN 2231-6876.
5. Shabnam Ansari, F. Zaman, MA Siddiqui, Sadia Nikhat, Shafia Mushtaq. (2015) Gilbert’s Syndrome-A case with Interpretation and Management in Unani Medicine. International Journal of Pharmacognosy. 2(2): 98-101. ISSN (Online): 2348-3962
6. Yasmin Shamsi, Azhar Jabeen, Sadia Nikhat, Shafia Mushtaq. (2015) Extensive Intramuscular cysticercosis without any neurological involvement: A rare case report. International Journal of Scientific Reports, 1(8): 313-316. ISSN 2454-2156.
7. Sadia Nikhat, Mohd. Fazil. (2015) An Analytical review on Nutool (Irrigation) Therapy. Journal of Drug Delivery and Therapeutics. 5(5): 1-4. ISSN: 2250-1177
8. Tahseen Fatima, Mohammad Akram, Aisha Parveen (2015) “Practical Aspects of Tadabeer-e-Mashaikh in Present Health Scenario” Indian Journal of Unani Medicine, 8(1): 53-58. ISSN: 0974-6056
9. Tahseen Fatima, Mohammad Akram, Aisha Parveen, MC Kapilashrami (2015) “A Study to assess the efficacy of Tadabeer-e-Mashaikh on Health Related Quality of Life of Elderly People living in Old Age Home of Delhi” Indian Journal of Unani Medicine, 8(1): 72-77. ISSN: 0974-6056

[2014]

1. Paras Wani, Aisha Aijaz, M.J. Siddiqui and Mohd. Talat Zaheer (2014). A case study to assess role of Hijamah (Cupping) in management of Samn-e-Mufrat (obesity)- A case report. *Elixir Physio. & Anatomy* 76: 28179-28181. ISSN: 2229-712x.
2. Paras Wani. M.J. Siddiqui, Mohd. Talat Zaheer, Shabbir Ahmad. (2014). A study to assess the knowledge attitude and practices of the Unani medicine in the new comers of A&U Tibbia College. *Human Physiology*, 66: 20700-20704. (ISSN 2229-712x).
3. Sadia Nikhat, Mohd. Fazil. (2014) Hirudotherapy in the Modern World-an Updated Review. *Asian Journal of Complementary and Alternative Medicine*, 2(5): 1-6. (Scientific Journal Impact Factor-3.335). ISSN 2347-3894
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[2013]

1. Sadia Nikhat, Mohd. Fazil. (2013) Determination of the Shelf-life and Expiry date of Herbal Compound Drugs-A Review. *International Journal of Scientific Research and Management*. 1(8): 415-420. ISSN 2321-3418
2. Sadia Nikhat, Mohd. Fazil. (2013) Kayi (Cauterization): A Tribute to Unani Scholars. *Medical Journal of the Islamic Academy of Sciences*. 21(2): 83-90. ISSN 1016-3360

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4. MT Zaheer, Paras Wani, MJ Siddiqui, SA Bhat. (2013). “Hijamah (Cupping) in the light of Prophetic Medicine-A Review”. *Indian Journal of Unani Medicine*, 6(1): 29-33. ISSN: 0974-6056
5. Sadia Nikhat, Mohd. Fazil. (2013) Health Protective and other Biological Activity of Saunf (*Foeniculum vulgare*). *Indian Journal of Unani Medicine*. 6(1): 89-94. ISSN: 0974-6056
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[2012]

1. Aisha Parveen, Paras Wani, Mohammed Junaid Siddiqui (2012). Evaluation of Knowledge of Perception and Coping Strategies of Perimenopausal Women through Self-instructional Module (SIM). *International journal of scientific and technology research*, 1(7) : 42-45. ISSN 2277-8616. (SJ Impact Factor-3.023)
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6. Paras Wani, M.J. Siddiqui, M.T. Zaheer, Gazanfar Wani. (2012) Assessing Alternative Technique Visual Inspection with Acetic Acid (VIA) for screening of Carcinoma of Cervix in Situ for low resource countries like India”. *International journal of scientific and technology research*, 1(6): 1-4. ISSN 2277-8616.
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9. Fatima Chaudhary, Khalid Umer Khayyam, Mohd. Junaid Siddiqui, Rubi Anjum, Sazina Muzammil. (2012). Effect of teaching on dental practice in fifth standard of MCD primary school children of south Delhi, India. *Indian Journal of Science*, 1(2): 92-94. ISSN 2319-7730.
10. Mohd. Fazil, Sadia Nikhat. (2012) Common Sports Injuries and Role of Ilaj bil-Tadbeer. *Indian Journal of Unani Medicine*. 5(1): 131-134. ISSN: 0974-6056
11. Sadia Nikhat, R. Anjum, KU Khayyam. (2012) The Concept of Cancer in Unani Medicine-With Special Reference to Cervical Cancer. *Indian Journal of Unani Medicine*. 5(1): 113-116. ISSN: 0974-6056.
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2. Rubi Anjum, Sadia Nikhat, MJ Siddiqui MJ, Shazia Jilani. (2011) Dalak (Massage): A Unique Regimen of Unani System of Medicine, *Hamdard Medicus*, 54(4): 41-45. ISSN 0250-4723
3. .Fatima Chaudhary, Khalid Umar Khayyam, M. Junaid Siddiqui, Rubi Anjum and Sazina Muzzamil (2011), Impact of Teaching on Dental Knowledge in Fifth Standard of MCD Primary School Children of South Delhi. *Journal of Applied Pharmaceutical Science*,1(7): 91-93.ISSN: 2231-3354

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8. SA Azmi, A. Wadud, I. Ahmad, M. Usman, Mohd. Akram. (2011) Concept and management of Air Pollution in Unani Medicine, 4(1): 9-12. ISSN 0974-6056.
9. Sadia Nikhat, Mohd. Fazil. (2011) Hasbah ka ilaj Tibb-e-Unani mein. Jahan-e-Tibb, 4(1): 39-44.

DEPARTMENT OF MOALIJAT (MEDICINE)

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1. Shah Alam, Mohammad Akhtar Siddiqui and Mohammad Maaz. (2015). Concept of chronic kidney disease and its management in Unani medicine- A review. International Journal of Current Research, 7(12), 24785-24788. ISSN: 0975-833X
2. Shazia Anjum, Atiya Anjum, Shazia Jilani, Mohammad Junaid Siddiqui. (2015). Evaluation of Mizaj of the subjects of Nonsoecific neck pain. Indian Journal of Unani Medicine; 8(1)34-38. (ISSN NO.0974-6056)
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4. Uzma Bano, Azher Jabeen, Asrar Ahmed, Akhtar Siddiqui. (2015). Concept of Prolapsed Lumbo Sacral Inter vertebral Disc (Hadba) and its management in Unani Medicine. Indo American Journal of Pharmaceutical Research, 5(3), 1105-1108 ISSN: 2231-6876
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6. Parveen S, Ansari S. (2015) Testo Induced Ovulation Successfully In Women of Polycystic Ovarian Syndrome. Indo American Journal of Pharm Research, 5(06), 430-34. ISSN NO: 2231-6876

7. Ansari S, Siddiqui MA, Zaman F. (2015). Therapeutic principles of liver diseases in Unani medicine. *Journal of Research and Education in Indian Medicine*, 21, 101-5. ISSN 0970-7700
8. Siddiqui MA, Ansari S. (2015). Efficacy of a Unani Formulation on Viral Load in Chronic Hepatitis B. *Indo American Journal of Pharm Research*, 5(04), 1487-90. ISSN 2231-6876
9. Ansari S, Fasihuzzaman, Md. Siddiqui A, Nikhat S and Mushtaq S. (2015) Gilbert's Syndrome- A Case With Interpretation And Management In Unani Medicine. *International Journal. of Pharmacognosy*, 2(2), 98-101. ISSN (Online): 2348-3962, ISSN (Print): 2394-5583
10. Siddiqui MA, Ansari S. (2015) Therapeutic effect of a unani formulation on hepatitis b surface antigen in chronic hepatitis b: a case series. *Asian J Pharmaceutical and clinical Research*, 8(5),76-78. ISSN - 0974-2441
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DEPARTMENT OF BIOCHEMISTRY

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DEPARTMENT OF CHEMISTRY

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6. S Khan, **S Jetley**, Z Jairajpuri, M Husain. Fibromatosis Colli - A Rare Cytological Diagnosis In Infantile Neck Swellings *JCDR* 2014;8:FD08-FD09. (ISSN: 2249-782X)
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5. **M Husain**, FF Hajini, P Ganguly, S Bukhari. Laparoscopic repair of adult Bochdalek's hernia BMJ Case Reports 2013; doi:10.1136/bcr-2013-009131 (**ISSN 1757-790X**).
6. S Khan, **MJ Hassan**, M Husain, S Jetley. Chronic constipation: An unusual presentation of a Giant Serous Cystadenoma of ovary. Bangladesh Journal of Medical Science 2013;12:108-109 ISSN 2223-4721
7. **S Khan**, S Jetley, M Husain. Spectrum of histopathological lesions in Cholecystectomy specimens: A study of 360 case at a teaching hospital in South Delhi. Archives of International Surgery 2013;3(2):102-105 **ISSN 2278-959**

3.4.3. Books with ISBN with details of publishers : (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers)

S.No.	Authors/editors (list all)	Title	ISBN	Year of publication	Publishers including city
1	Dr. Zakirhusain Shaikh,	Master Companion: Concise Text in Community Medicine, First Edition	9789374735770	2015	AITBS India publishers, Delhi
2	Dr. Zakirhusain Shaikh,	Master Update 2015: Recent Advances in Community Medicine	9789380316604	2015	Ahuja Publishing House Delhi
3	M. Samim	Chemical and Biological Studies with metal nanoparticles	13;978-3-659-71847-2, 10:3659718475,	2015	Lambart Publishing house, Germany
4	Dr Imran/ Dr.Sukhvinder	Know your orthopaedics	978-93-85247-31-6,	2015	Educreation Publishing, New Delhi
5	Biswas, R.	Is 'Fuzzy Theory' An Appropriate Tool For Large Size Problems?	978-3-319-26717-3	2015	Springer. Heidelberg
6	Kaur, H. and Tao Xiaohui	ICT and Millennium Development Goals: A United Nations perspective	978-1-4899-7439-6	2015	Springer, US
7	Bhasin, H	Algorithms	0199456666	2015	Oxford University Press, Delhi
8	Varshney M M, Husain A.	A Text book of Medicinal Chemistry (1-238)	978-93-84588-27-4	2015	IK International Publishers, New Delhi.
9	Husain A, Siddiqui S, Siddiqui A A.	Advanced Entrance Guide for Pharmacist Exam (1-1021)	93-8426604-3	2015	Birla Publications Pvt. Ltd., New Delhi.
10	Dr Sayeed Ahmad	A Laboratory Manual of Pharmacognosy	978-93-84588-89-2	2015	IK International, New Delhi
11	Dr Amit Goel	Aesthetic surgery	ISBN 978-8123924977	2015	CBS Publisher & Distributors P. Ltd., Delhi
12	Iqbal, M., Ahmad, A.	Current Trends in Medicinal Botany	978-93-82332-50-3	2014	I.J. International Publishing House Pvt. Ltd., New Delhi
13	Dr. Shakir Ali	The Cell :Organisation , Function and Regulatory Mechanisms	9788131773284	2014	Pearson Education, New Delhi

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14	Bhasin, H	Programming in C#	0198097409	2014	Oxford University Press, Delhi
15	Adil Asghar and Brijender Singh	Concise Anatomy and Physiology for paramedical, nursing, pharmacy and physiotherapy students	978-93-81714-71-3	2014	Scientific International Pvt. Ltd., Delhi
16	Dr. Azra S Hasan	Clinical Learning e-book	E9788131235645	2014	Elsevier
17	Anees A. Siddiqui.	Precise chemistry of natural products and heterocyclic compounds	978-81-239-2375-8	2014	CBS Publisher, Darya Ganj, New Delhi
18	Sarwat M, Ahmad A, Abdin MZ	Stress Signaling in Plants: Genomics and Proteomics Perspective	978-1-4614-6371-9	2013	Springer-Vellag, New York
19	Aslam, J., Srivastava, P. S., Sharma, M. P.	Somatic Embryogenesis and Genetic Transformation in Plants	978-81-8487-227-9	2013	Narosa Pub. House, N. Delhi
		Somatic embryogenesis and Gene Expression	978-81-8477-228-6	2013	Narosa Publishing House, New Delhi
20	Umar, S., Anjum, N.A., Khan, N.A	Nitrate in Leafy Vegetables: Toxicity and Safety Measures	978-93-82332-21-3	2013	I.K. Publishing House, New Delhi
21	Sarwat, M., Ahmad, A. Abdin, M.Z.	Stress Signaling in Plants: Genomics and Proteomics Perspective	978-14614-6371-9	2013	Springer, New York
22	Mohd. Vaseem Ismail, QS Ahmad	Operations Research	9789381159651	2013	Luxmi Publications Pvt. Ltd. New Delhi India
23	G.K. Jain, Farhan J. Ahmad, S.P. Vyas, R.K. Khar	“The Theory and Practice of Industrial Pharmacy (Lachman)”, Revised Edition	10: 8123922892 ISBN-13: 978-8123922898	2013	CBS Publishers, New Delhi
24	Anees A. Siddiqui and Seemi Siddiqui.	Experimental Pharmaceutical Chemistry	978-81-239-2259-1	2013	CBS Publisher, Darya Ganj, New Delhi
25	Sarwat M, Ahmad A, Abdin MZ	Stress Signaling in Plants: Genomics and Proteomics Perspective, Volume 1	978-1-4614-6371-9	2013	Springer Publishers, Switzerland
26	Waseem Ahmad Siddiqui	Advances in Protein Chemistry	-	2013	OMICs Group eBooks, 731 Gull Avenue, Foster City. CA 94404, USA
27	Dr P C Dikshit	Textbook of Forensic Medicine & Toxicology	81-88867-96-9	2013	PEEPEE Publishers, Delhi
28	Dr Amit Goel	Review of surgery	978-8123922003	2012	CCBS Publisher & Distributors P. Ltd., Delhi
29	M. Aqil	Practice of Hospital, Clinical and Community Pharmacy	978-81-312-2831-9	2012	Elsevier India, Delhi NCR
30	Anjum, N.A., Umar, S. and Chan, M.T.	Ascorbate-Glutathione Pathway and Stress tolerance in Plants	978-90-481-9403-2	2012	Springer-Dordrecht, Netherlands
31	Anjum, N.A., Umar, S. and Ahmad, A.	Oxidative Stress in Plants; Causes consequences and Tolerance	978-93-81141-02-1	2012	I.K. International Pub.House, New Delhi

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32	Anjum, N.A., Pereira, M.E., Ahmad, I., Duarte, A.C., Umar, S. & Khan, N.A.	Phytotechnologies: Remediation of Environmental contaminants	978-14-39875-18-6	2012	CRC Press, Boca Raton FL, USA
33	Anjum, N.A., Ahmad, I., Duarte, A.C., Umar, S. & Khan, N.A.	The Plant Family Brassicaceae: Contribution Towards Phytoremediation	978-94-007-3912-3	2012	Springer. Netherlands
34	Kaur H, Alam A, YaeghoobiKaebbeh, Edabati O.M.	Micro-Firewalls for Dynamic Network Security Framework – A Secure Hybrid Architecture	978-3-659-24930-3	2012	Academic Publishing, Germany
35	Dr. Uma Bhandari	A Textbook of Pharmacology	978-93- 80682- 02- 0	2011	Biotech Pharma Publications, Chennai, India
36	Anees A. Siddiqui.	Introduction to organic mass spectrometry	978-81-239-1937-9	2011	CBS Publisher, Darya Ganj, New Delhi
37	Ahmad, P. & Umar, S.	Antioxidants: Oxidative Stress Management in Plants	978-93-80012-38-4	2011	Studium Press, New Delhi
38	Ahmad, A, Siddiqi, TO, Iqbal, M.	Medicinal Plants in Changing Environment	81/85589-14-3	2011	Capital Publishing Co, New Delhi
39	Mohd. Vaseem Ismail, QS Ahmad	Pharmaceutical Biostatistics	8189747851	2011	Birla Publications Pvt. Ltd. New Delhi India
40	Dwivedi S	‘Tambakoo Chitrawali’- pictorial atlas on tobacco in Hindi	-	2011	GNCT Delhi
41	Dwivedi S	Hridayvani’ – collection of poems related to heart in Hindi	-	2011	Pratibha Pratisthan, New Delhi
42	Bhavya Alankar, Ashish Dixit, Ratnesh Kumar	Digital Electronics GATE	978-1-928658-2-0		Techguru Publishers, Indore

3.4.4. Chapters in Books

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Monograph on medicinal plants

Sl. No.	Monographs title	Publisher Name	ISSN	Vol. No.	Year of publication
1	<i>Cinnamomumzeylanicum</i> Nees (oil)	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 11	2013
2	<i>Cucumismelo</i> Linn. var. <i>utilissimus</i> Duthie & Fuller	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 11	2013
3	<i>Cucumissativus</i> Linn.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 11	2013
4	<i>Pavoniaodorata</i> Wild	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 11	2013
5	<i>Acalypha indica</i> Linn.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 12	2014
6	<i>Aconitum ferox</i> Wall. ex Ser.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 12	2014
7	<i>Aconitum violaceum</i> Jacq. ex Stapf	Indian council of Medical Research (ICMR), Ansari	0972-7213	Vol. 12	2014

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		Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India			
8	<i>Aegle marmelos</i> (Linn.) Corr. (Fruit)	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 12	2014
9	<i>Desmodium gangeticum</i> (Linn.) DC	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 12	2014
10	<i>Heliotropium indicum</i> Linn.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 12	2014
11	<i>Lilium polyphyllum</i> D. Don ex Royale	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 12	2014
12	<i>Merremia tridentate</i> (Linn.) Hall.f.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 12	2014
13	<i>Adhatoda zeylanica</i> Medik	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 13	2015
14	<i>Amomum aromaticum</i> Roxb.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No.	0972-7213	Vol. 13	2015

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		4911, Ansari Nagar, New Delhi-110029, India			
15	<i>Angelica archangelica</i> Linn.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972- 7213	Vol. 13	2015
16	<i>Anogeissus latifolia</i> (Roxb. ex DC.) Wall. ex Guill. & Perr.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972- 7213	Vol. 13	2015
17	<i>Apium graveolens</i> Linn.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972- 7213	Vol. 13	2015
18	<i>Butea monosperma</i> (Lamk.) Taub.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972- 7213	Vol. 13	2015
19	<i>Cajanus cajan</i> (Linn.) Millsp. (Seed)	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972- 7213	Vol. 13	2015
20	<i>Cajanus cajan</i> (Linn.) Millsp. (Root)	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972- 7213	Vol. 13	2015
21	<i>Caotropis procera</i> (Ait.) Dryand. f. ssp. Hamiltonii (Wight) Ali (Stem bark)	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar,	0972- 7213	Vol. 13	2015

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		New Delhi-110029, India			
22	<i>Caotropis procera</i> (Ait.) Dryand. f. ssp. Hamiltonii (Wight) Ali (Root)	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972- 7213	Vol. 13	2015
23	<i>Cichorium intybus</i> Linn. (Leaf)	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972- 7213	Vol. 13	2015
24	<i>Cichorium intybus</i> Linn. (Fruit)	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972- 7213	Vol. 13	2015
25	<i>Coriandrum sativum</i> Linn.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972- 7213	Vol. 13	2015
26	<i>Datura metel</i> Linn.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972- 7213	Vol. 13	2015
27	<i>Foeniculum vulgare</i> (Linn.) Mill.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972- 7213	Vol. 13	2015
28	<i>Gaultheria fragrantissima</i> Wall. (Oil)	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972- 7213	Vol. 13	2015

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		India			
29	<i>Magnifera indica</i> Linn.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 13	2015
30	<i>Pandanus odoratissimus</i> Linn. f.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 13	2015
31	<i>Rosa × centifolia</i> Linn.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 13	2015
32	<i>Sphaeranthus indicus</i> Linn.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 13	2015

Sl. No.	Monograph title	Publisher Name	ISSN	Vol. No.	Year of publication
1	<i>Acalypha indica</i> Linn.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 11	2013
2	<i>Aconitum ferox</i> Wall.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 11	2013
3	<i>Aconitum violaceum</i> Jacq. Ex Stapf.ex	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box	0972-7213	Vol. 11	2013

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		No. 4911, Ansari Nagar, New Delhi-110029, India			
4	<i>Aegle marmelos</i> (Linn.) Corr. (Fruit)	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 12	2013
5	<i>Desmodium gangeticum</i> (Linn.) DC. (Fruit)	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 12	2014
6	<i>Heliotropium indicum</i> Linn.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 12	2014
7	<i>Lilium polyphyllum</i> d. Don ex Royle	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 12	2014
8	<i>Merremia tridentate</i> (Linn.) Hall.f	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 12	2014
9	<i>Cinnamomum zeylanicum</i> Nees (Oil)	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 12	2014
10	<i>Cucumis melo</i> Linn. Var. <i>utilissimus</i> Duthie & Fuller	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari	0972-7213	Vol. 12	2014

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		Nagar, New Delhi-110029, India			
11	<i>Cucumis sativus</i> Linn.	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 12	2014
12	<i>Pavonia odorota</i> Willd	Indian council of Medical Research (ICMR), Ansari Nagar, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India	0972-7213	Vol. 12	2014

Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, EBSCO host, etc.)

SNIP SJR

S. No.	Name of Journal	SNIP	SJR
1.	Drug Development and Industrial Pharmacy	0.95	0.73
2.	Expert Opinion on Drug Delivery	1.34	1.29
3.	International Journal of Biological Macromolecules	1.25	0.79
4.	Journal of Drug Targeting	0.83	0.89
5.	Current Drug Delivery	0.67	0.55
6.	Expert Review of Neurotherapeutics	0.86	0.89
7.	Drug Delivery	0.63	0.59
8.	AAPS PharmSciTech	1.16	0.71
9.	Disaster Medicine and Public Health Preparedness	0.85	0.45
10.	Advanced Science Letter	0.27	0.14
11.	Acta Chromatographica	0.39	0.19
12.	BioMed Research International	0.58	0.61
13.	Journal of Pharmaceutical Innovation	0.56	0.29
14.	Arabian Journal of Chemistry	1.49	0.52
15.	Journal of Planar Chromatography	0.41	0.34
16.	Science of Advanced Materials	0.80	0.52
17.	International Journal of Pharmaceutics	1.47	1.19
18.	Journal of Nanoparticle Research	0.83	0.63
19.	Pharmacognosy Magazine	1.13	0.48

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20.	Drug Testing Analysis	-	-
21.	European Journal of Pharmaceutical Science	1.17	0.89
22.	Saudi Pharmaceutical Journal	1.32	0.46
23.	Journal of Chromatographic Sciences	0.76	0.46
24.	Journal of Drug Targeting	0.83	0.89
25.	Journal of Controlled Release	1.98	2.16
26.	Journal of Renewable and Sustainable Energy	0.67	0.39
27.	Journal of Sol-Gel Science and Technology	0.89	0.54
28.	Current Nanoscience	0.51	0.33
29.	Acta Pharmaceutica	0.74	0.35
30.	Autoimmunity Reviews	2.23	1.53
31.	Journal of Dispersion Science and Technology	0.51	0.29
32.	Journal of Advanced Pharmaceutical Technology & Research	1.60	0.79
33.	Systematic Reviews in Pharmacy	-	0.16
34.	Defence Science Journal	0.44	0.22
35.	Der Pharmacia Lettre	0.60	0.26
36.	Journal of Pharmacy Research	0.58	0.19
37.	Der Pharmacia Lettre	0.60	0.26
38.	Journal of Bionanoscience	0.45	0.98
39.	Tropical Journal of Pharmaceutical Research	0.71	0.24
40.	Pharmacognosy Reviews	1.33	0.68
41.	Journal of Applied Pharmaceutical Science	0.54	0.26
42.	Tropical Journal of Pharmaceutical Research	0.71	0.24
43.	Advanced Materials letter	1.02	0.57
44.	Research Journal of Pharmaceutical, Biological and Chemical Sciences	0.24	0.16
45.	Recent Patents on Drug Delivery & Formulation	0.24	0.39

In year 2014 Jamia Hamdard was ranked at the 23rd position for Citations Per Paper with a score of 93.2 amongst 100 top BRICS universities. Only five universities from India were ahead of Jamia Hamdard in this indicator. Recently in 2016, Jamia Hamdard has been selected for prestigious DST – PURSE (Promotion of University Research in Science and Engineering) programme. With an *h*-index = 68, *i*₁₀ index = 878 and *i*₁₀₀ = 24, Jamia Hamdard appeared at the 8th, 2nd, and 5th position, respectively amongst the Universities of India considered by DST for the PURSE Award. With PURSE funding, JH joined the few elite group of 48 Universities which get a large sum of research grants based on the performance in research measured by high quality publications.

Cumulative citations for 5 years- 15162 (Source- SCOPUS).

h-index of last 5 years - 43

3.4.5. Give details of faculty serving on the Editorial Boards of national and international journals

1. Dr Farhan Jalees Ahmad-Member Editorial Board of Recent Patents on Drug Delivery & Formulation Bentham Publications.
2. Dr. Javed Ali –Editor in Chief - International Journal of Pharmaceutical Investigation (IJPI)
3. Dr. Javed Ali –Editorial committee-Recent patent on Drug Delivery and Formulations
4. Dr Farhan Jalees Ahmad -Editor of the Newsletter of Jamia Hamdard
5. Dr Farhan Jalees Ahmad -Editor, Pharmaphilic Journal
6. Dr. Javed Ali -Editorial Board Member - Journal of Young Pharmacists
7. Dr. Javed Ali - Editorial Board Member - The Scientific World Journal
8. Dr. Yasmin Sultana- Associate Editor (BMC Biotechnology)
9. Dr. Yasmin Sultana Editorial Board Member-Journal of drug discovery, development and delivery
10. Dr. Sanjula Baboota - Assistant Editor- International Journal of Pharmaceutical Investigation (IJPI)
11. Dr. Sanjula Baboota - Editorial board Member - BioMed Research International
12. Dr. Sanjula Baboota -Editorial board Member- The Scientific World Journal
13. Dr. Mohd. Aqil- Editor- Journal of Pharmacy and Bioallied Sciences
14. Dr. Mohd. Aqil-Member, Editorial committee-Recent patent on Drug Delivery and Formulations
15. Dr Sushama Talegaonkar- Editorial Board Member- International Journal of Pharmacy and Pharmaceutical Sciences.
16. Dr Sushama Talegaonkar-Editorial Board Member -International Journal of Pharmacy and Pharmacology
17. Dr Sushama Talegaonkar- Editorial Board Member- Journal of Drug Delivery and Therapeutics
18. Dr Sushama Talegaonkar- Editorial Board Member -Pathobiology and Toxicology.
19. Dr Sushama Talegaonkar- Editorial Board Member -Peak Journal of Pharmacy and Pharmaceutical sciences
20. Prof. Divya Vohora -Editorial Board Member- Behavioral Neurology
21. Prof. Divya Vohora- Editorial Advisory Board Member- Current Psychopharmacology, Bentham Science Journal

22. Prof. Divya Vohora -Editorial Board Member, Recent Patents on CNS drug discovery, Bentham Science Journal
23. Prof Divya Vohora -Editorial Board Member, World Journal of Orthopaedics
24. Prof Divya Vohora -Editorial Board Member, American Journal of Experimental Biology
25. Dr. Abul Kalam Najmi-Editorial Board Member, Journal of Pharmacy and Bioallied Sciences
26. Prof S. H. Ansari- Editor In Chief, Journal of Natural Remedies
27. Prof S. H. Ansari- Editorial Board Member, IJSPER
28. Dr Sayeed Ahmad- Associate Editor, Journal of Natural Remedies
29. Dr Sayeed Ahmad- Associate Editor, Annals of Phytomedicine
30. Dr Sayeed Ahmad- Associate Editor, Journal of Medicinal Plant Research
31. Dr Sayeed Ahmad- Guest Editor, Journal of Pharmacy and Bioallied Sciences (Special issue on Herbal Drugs and Botanicals, Dec-2015)
32. Dr Vidhu Aeri- Editorial Board Member, Journal of Natural Remedies
33. Dr Sandhya Bawa- Editorial Board Member, Journal of Pharmacy and Bioallied Sciences
34. Dr. Mymoona Akhtar- Editorial Board Member, International journal of pharmaceutical chemistry and analysis
35. Prof. Manju Chhugani- Editorial Board Member, International Journal of Nursing & Midwifery Research (IJoNMR)
36. Ms. Urmila Bhardwaj- Editorial Board Member, International Journal of Nursing & Midwifery Research (IJoNMR)
37. Ms. Urmila Bhardwaj- Editorial Board Member, International Journal of Nursing Science Practice and Research
38. Ms. Veena Sharma- Editorial Board Member, International Journal of Nursing & Midwifery Research (IJoNMR)
39. Ms. Veena Sharma- Editorial Board Member, Journal of Psychiatry Nursing (ISSN 2277-9035)
40. Ms. Seema Rani- Editorial Board Member, International Journal of Nursing & Midwifery Research (IJoNMR)
41. Ms. Seema Rani- Editorial Board Member, Journal of Psychiatry Nursing (ISSN 2277-9035)
42. Dr. Mrs Smriti Arora- Editorial Board Member, International Journal of Nursing Education

43. Dr. Mrs Smriti Arora- Editorial Board Member, International Journal of Pediatric Nursing
44. Dr. Mrs Smriti Arora- Editorial Board Member, International Journal of Nursing Science Practice and Research
45. Dr. Mrs Smriti Arora- Editorial Board Member, International Journal of Obstetrics, Perinatal and Neonatology Nursing
46. Dr. Mrs Smriti Arora- Editorial Board Member, International Journal of Nursing & Midwifery Research (IJoNMR)
47. Ms. Bindu Shaiju- Editorial Board Member, International Journal of Nursing & Midwifery Research (IJoNMR)
48. Ms Jahanara Rehman - Editorial Board Member, International Journal of Nursing & Midwifery Research (IJoNMR)
49. Ms. Fareha Khan- Editorial Board Member, International Journal of Nursing & Midwifery Research (IJoNMR)
50. Mr Naseem Mancheri- Editorial Board Member, International Journal of Nursing & Midwifery Research (IJoNMR)
51. Ms. Merlin Mary James- Editorial Board Member, International Journal of Nursing & Midwifery Research (IJoNMR)
52. Ms. Mikki Khan- Editorial Board Member, International Journal of Nursing & Midwifery Research (IJoNMR)
53. Ms. Mikki Khan- Editorial Board Member, International Journal of Pediatric Nursing
54. Ms. Asha T Aniyani- Editorial Board Member, International Journal of Nursing & Midwifery Research (IJoNMR)
55. Ms. Somibala Thokchom- Editorial Board Member, International Journal of Nursing & Midwifery Research (IJoNMR)
56. Ms. Jamal Fatima - Editorial Board Member, Journal of Nurse Midwifery and Maternal Health
57. Ms. Jamal Fatima - Editorial Board Member, International Journal of Pediatric Nursing
58. Ms. Jamal Fatima - Editorial Board Member, Journal of Psychiatry Nursing (ISSN 2277-9035)
59. Prof. M. Iqbal, Member, Edit Board, Annals of Phytomedicine, Hyderabad (since 2012)
60. Prof. M. Iqbal, Member, Edit Board, Climate Change & Environmental Sustainability, New Delhi (since 2013)
61. Prof. M. Iqbal, Member, Edit Board, International Journal of Environmental Botany, Lucknow (2013-2016)

62. Dr Rambha Pathak. Assistant editor in Clinical Communique and Medical Education
63. Prof. S. Dwivedi, Emeritus Editor – Proceedings of 23rd Annual Conference of Indian Society for Atherosclerosis Research held at UCMS 9 University of Delhi) & GTB Hospital, Delhi on 13-14th November, 2010
64. Prof. Ranjit Biswas: INFORMATION-An International Interdisciplinary Journal, An SCI-Expanded indexed, JCR (Thomson Reuters) indexed journal, published from Japan, http://www.information-iii.org/editorial_board.html
65. Prof. Ranjit Biswas: Information Security Journal: A Global Perspective. A journal indexed by ACM Guide, CSA Technology, published from Brazil. <http://www.tandfonline.com/action/journalInformation?show=editorialBoard&journalCode=uiiss20#.VpUVovl97IU>
66. Prof. Ranjit Biswas: Notes on Intuitionistic Fuzzy Sets (published from Sofia). http://www.ifigenia.org/wiki/Notes_on_Intuitionistic_Fuzzy_Sets#Editorial_board
67. Harsh Bhasin: Editor of special Issue on Applicability of Soft Computing in NP hard problems of the Journal of Computer Sciences and Applications, 2015, ISSN (Online):2328-725X, DOI:10.12691.
68. Parul Agarwal: Co-Editor of special Issue on Applicability of Soft Computing in NP hard problems of the Journal of Computer Sciences and Applications, 2015, ISSN (Online):2328-725X, DOI:10.12691.
69. Parul Agarwal: Co-Editor of special Issue on Applicability of Soft Computing in NP hard problems of the Journal of Computer Sciences and Applications, 2015, ISSN(Online):2328-725X, DOI:10.12691.
70. Dr. P.C Dikshit, Editor, Indian Journal of forensic medicine and pathology.
71. Dr. P.C Dikshit, Editor, Medicolegal update.
72. Dr. Amit Sharma, Editor, Indian Journal of forensic medicine and pathology.
73. Dr. Amit Sharma, Editor, Indian Journal of medical and health sciences.
74. Dr. Amit Sharma, Editor, International weekly medical research journal
75. Dr. Amit Sharma, Editor, Austin journal of forensic science and criminology.
76. Dr. Chandra Mohan Kumar, Editorial board member of Indian Journal of Child Health; ISSN No:2349-6118
77. Dr. Chandra Mohan Kumar, Advisory board member in National Journal of Medical and Dental Research. ISSN (print): 2320-0367, ISSN (online): 2320-0375
78. Preeti Tyagi, Associate Editor, Indian Journal of Clinical Anatomy and Physiology.
79. Prof. S. Raisuddin, Editor-in-Chief, Journal of Trace Element Analysis (Columbia Scientific Publishing, USA)

80. Prof. S. Raisuddin, Editor, International Journal of Advanced Agricultural Research (BluePen Journals, UK)
81. Prof. S. Raisuddin, Editorial Board Member, Phytotherapy Research (SCI journal published by Wiley)
82. Prof. S. Raisuddin, Editorial Board Member, Biomarkers (SCI journal published by Taylor & Francis)
83. Prof. S. Raisuddin, Editorial Board Member, Ecotoxicology (SCI journal published by Springer)
84. Prof. S. Raisuddin, Editorial Board Member, CLEAN- Soil, Air, Water (SCI journal published by Wiley- VCH)
85. Prof. S. Raisuddin, Editorial Board Member, Toxicology International (India).
86. Prof. S. Raisuddin, Editorial Board Member, Oriental Journal of Pharmacy & Experimental Medicine (South Korea)
87. Prof. S. Raisuddin, Editorial Board Member, African Journal of Agricultural Research (Nigeria)
88. Prof. S. Raisuddin, Editorial Board Member, Agricultural and Biological Research (India)
89. Prof. S. Raisuddin, Editorial Board Member, Journal of Translational Toxicology (American Scientific Publishers)
90. Prof. S. Raisuddin, Editorial Board Member, Biosensor, Biomarkers & Diagnostics (Symbiosis, USA).
91. Dr. Suhel Parvez, Editorial Board Member, Biology and Medicine (OMICS Group Publisher)
92. Dr. Suhel Parvez, Editorial Board Member, Journal of Natural Science Biology and Medicine (Medknow Publications and Media Pvt. Ltd)
93. Dr. Suhel Parvez, Editorial Board Member, International Journal of Research in Phytochemistry and Pharmacology (JK Welfare & Pharmascope Foundation)
94. Dr. Suhel Parvez, Editorial Board Member, Open Journal of Pharmacology (ROSS Science Publisher)
95. Dr. Suhel Parvez, Editorial Board Member, Global Advanced Research Journal of Environmental Science and Toxicology (Global Advanced Research)
96. Dr. Suhel Parvez, , Editorial Board Member, International Scholarly Research Notices: Toxicology (Hindawi Publishing Corporation)
97. Dr. Suhel Parvez, Editorial Board Member, Journal of Natural Medicines for Neurodegenerative Disorders (HATASO Enterprises)

3.4.6. Faculty serving as members of steering committees of international conferences recognized by reputed organizations/societies

- Prof Farhan J Ahmad, Evaluation of Scientific Papers on FIP Symposium, Hyderabad.
- Prof. Divya Vohora is Member, Executive Committee, International Society of Pharmacoeconomics and Outcomes Research (ISPOR), India chapter
- Prof. Divya Vohora served as Member, Science Advisory Board (SAB), BIT 1st Annual Meeting of Neurotalk, June 25-28, Singapore
- Dr. Javed Ali Chairman, Evaluation of Scientific Papers on Recent Development in Drug Delivery Systems, 2nd Annual International Conference on Pharmaceutical Sciences, Athens Institute for Education and Research, Athens, Greece
- Dr Mrs. Manju Chhugani , Joint Secretary, NRSI
- Ms. Mikki Khan, Treasurer, NRSI
- Prof C M Kumar, Treasurer ISARCON 2015 organized by Indian Society for Atherosclerosis Research.

3.4.7. Provide details of Research awards received by the faculty/students

3.4.7.1. Faculty Awards

1. Dr. Sanjula Baboota awarded with Certificate of appreciation from Jamia Hamdard for Publications in high impact factor Journals.
2. Dr. Sanjula Baboota awarded with Certificate of appreciation from Jamia Hamdard for Publications with high citations.
3. Dr. Javed Ali awarded with Certificate of appreciation from Jamia Hamdard for Publications in high impact factor Journals.
4. Dr. Javed Ali awarded with Certificate of appreciation from Jamia Hamdard for Publications with high citations.
5. Dr BP Panda: Dr P.D Sethi award for 2nd best HPTLC research paper in 2011
6. Dr. Mymoona Akhtar- AICTE Career Award 2011
7. Dr. Javed Ali -UGC Research Award 2012-2014
8. Dr. Aqil- UGC Research Award 2012-14
9. Dr. Ozair Alam-DST Young Scientist 2012
10. Prof. Farhan J Ahmad Awarded with Bharat Jyoti Award for the year 2011 in recognition for his work in the field of Pharmaceutical Sciences and Nanomedicine.
11. Prof. Farhan J Ahmad Awarded with UGC Research Award (2012) for carrying out research on nanoherbal formulations.

12. Prof. Farhan J Ahmad Appointed as member of honorary board of pharma experts at INMAS, DRDO.
13. Prof. Farhan J Ahmad Awarded with Appointed as Member of honorary board of Unani Pharmacopoeial Commission (2012)
14. Dr. Mymoona Akhtar- DST Young Scientist 2012
15. Dr. Aqil- Best Faculty Award at the Academic Brilliance Awards-2013, presented by EET CRS, Noida (Delhi NCR) on 30 April 2013.
16. Dr. Yasmin- Awarded Role Model Award by the President of India in 2013. Role Model Award is given to persons with disability who can be an exemplar for disabled citizen by way of his/her achievements in their chosen field.
17. Dr Abul K Najmi received excellence in Research Award 2013 awarded by Academic Brilliance Awards Committee
18. Dr Sayeed Ahmad ,PD Sethi Best paper Award on HPTLC for year 2013 for the manuscript “Chester K, Tamboli ET, Parveen R, Ahmad S. (2013) Genetic and metabolic diversity in stevia rebaudiana using RAPD and HPTLC analysis. *Pharm Biol*, 51(6):771-7, given by Anchrom Mumbai with Rs 10000 cash and certificate.(
19. Dr. Saima- DST Young Scientist Award, 2014, by SERB, DST, Delhi
20. Dr M Akhtar is recipient of 2nd Academic Brilliance Awards 14 for Excellence in research presented by Education Expo 2014
21. Dr Sayeed Ahmad,Al Ameen College of Pharmacy Award (2014) for the best paper in Pharmacognosy section of IJPER 2014 publications
22. Dr Sushama UGC Research Award, 2014-16
23. Dr. Zeenat Iqbal- Young scientist award from SPER
24. Dr Sayeed Ahmad,UGC-Research award 2015
25. Mr. Abul Kalam was awarded Best poster for the paper [Kalam A, Anwar MJ, Radhakrishnan KV, Vohora D. “Phenytoin and sodium valproate but not levetiracetam produces alterations in bone mineral density and bone turnover markers in female mice”] presented in 6th International Conference on IACS and Recent Advances in Cardiovascular Sciences, Jan 31-1 Feb, DIPSAR, New Delhi.
26. Prof. Farhan J Ahmad Awarded with Certificate of appreciation from Jamia Hamdard on Publication in high impact factor Journals (2011-12)
27. Prof. Farhan J Ahmad Awarded with Certificate of appreciation from Jamia Hamdard on Publication in high impact factor Journals (2011-12)
28. Professor M.Z. Abdin “Vigyan Ratan Award” for the year 2011-12 for the significant scientific achievements in the field of Biotechnology by Uttar Pradesh Council for Science & Technology (U.P.C.S.T), Govt. of Uttar Pradesh, UP, India. (2014)

29. Professor M.Z. Abdin Spectrum Public-Private Partnership Excellence Award by BioSpectrum, 134 Infantry Road, Bangalore, India. (2011)
30. Dr. Alka Narula, Awarded first prize in Poster presentation (Sahni S, Kapil (nee Soni) Kshipra, Hussain S, Narula Alka and Singh HB) in International Conference on Biotechnology in Human Welfare, held at Kakatiya University, Warangal (AP) (February 7-9, 2013)
31. Dr. Alka Narula, Awarded second prize for the poster presentation (Kapil (nee Soni) Kshipra, Hussain S, Sahni Sumit, and Narula Alka) in National Seminar on Plant Sciences: New Technologies, Conservation and Environment, held at Aligarh Muslim University, Aligarh (February 23-24, 2013)
32. Dr. Alka Narula, Awarded best prize for the poster presentation (Chakotiya Ankita Singh, Chawla Raman, Thakur Pallavi, Goel Rajeev, Negi Nitisha, Priyadarshi Smruti Sagar, Narula Alka, Arora Rajesh, Sharma Rakesh Kumar) in International Conference and Exhibition on Traditional & Alternative Medicine (OMICS group Conferences) held at Hyderabad (December 9-11, 2013)
33. Dr. Alka Narula, Awarded best poster prize (Kapil (nee Soni) Kshipra, Sahni Sumit, and Narula Alka) in National Symposium on Advances in Plant Molecular Biology and biotechnology, held at IISER, Pune (March 10-12, 2014)
34. Dr. Alka Narula, Awarded poster prize (Thakur Pallavi, Nagpal Raghav, Siddiqui Sana, Iqbal Shoaib, Goel Rajeev, Chawla Raman, Narula Alka, Arora Rajesh, Sharma RK) in Xth Annual Conference Indian Association of Medical Microbiologists, held at Sharda University (February 1, 2014)
35. Dr. Alka Narula, Awarded poster prize (Thakur Pallavi, Nagpal Raghav, Iqbal Shoaib, Siddhartha Komal, Chawla Raman, Narula Alka, Arora Rajesh, Sharma RK) in Xth Annual Conference Indian Association of Medical Microbiologists, held at Sharda University (February 1, 2014)
36. Dr. Alka Narula, Awarded best poster prize (Thakur Pallavi, Chawla Raman, Nagpal Raghav, Tanwar Ankit, Shah Ishrat Kaur, Singh Namita, Grover Shyam Sunder, Goel Rajeev, Narula Alka, Arora Rajesh, Sharma Rakesh Kumar) in Perspectives and trends in Plant Sciences and Biotechnology held at Punjab University, Chandigarh (February 22-25, 2014)
37. Dr. Altaf Ahmad was awarded INSA-DFG Fellowship (2013) for visiting Germany under the International Scientist Exchange Programme of Indian National Science Academy (INSA).
38. Prof. M. Iqbal, Vigyan Gaurav Award (2011) of the Uttar Pradesh Council of Science & Technology for extraordinary contribution of scientific research.
39. Prof. M. Iqbal, Bharat Jyoti Award (2012) of the India International Friendship society for world-wide promotion of Indian science.

40. Prof. M. Iqbal has been elected as Fellow of International Society of Environmental Botanists (FISEB), Lucknow (2013).
41. Prof. M. Iqbal, Fellowship, International Society of Plant Morphologists (FISPM) awarded in (2014).
42. Prof. M. Iqbal has been nominated as Vice President, International society of Environmental Botanist (2013-2016)
43. Prof. M. Iqbal was included in a NAAC Peer Team for Accreditation & Assessment of Hutatma Rajguru Mahavidyalaya, Pune, Maharashtra for purpose of Accreditation (2014)
44. Dr. Mahmooduzzafar, has been elected as Vice President of Federation of Central Universities Teacher Association (FEDCUTA).
45. Prof. M. Iqbal invited speaker and Chairman of technical Session in the International Workshop on “*Environmental Changes and Conservation of Plant Diversity*” Baku, Azerbaijan (April 2013)
46. Prof. M. Iqbal selected as Member of Central Panel for Islamic Development Bank (IDB) programs in India (Jan. 2014 – Dec. 2017).
47. Prof. M. Iqbal, worked as an Expert for the Croatian Science Foundation, Opatia, Croatia (2011)
48. Prof. M. Iqbal, worked as an Expert for the National Research Development and Innovation Office (NKFIH), Hungary (2015)
49. Prof. M. Iqbal appointed as Member, Board of Studies, Interdisciplinary Biotechnology Unit, Aligarh Muslim University, Aligarh (2015-2017).
50. Prof. M.P. Sharma, Member of Project Evaluation Committee UGC (2010-11)
- 51.** Prof. M.P. Sharma, Member, Board of Studies in Botany, HNB Garhwal University (2011-2013)
52. Dr. Hinna Hamid (Asst. Professor) was awarded Fast track scheme for Young scientists, Department of Chemistry, Jamia Hamdard, New Delhi By DST-SERB.
53. Dr. Syed Shafi (Asst. Professor) was awarded Fast track scheme for Young scientists, Department of Chemistry, Jamia Hamdard, New Delhi By DST-SERB.
54. Dr. Sameena Bano (Post doctoral fellow) was awarded Fast track scheme for Young scientists, Department of Chemistry, Jamia Hamdard, New Delhi By DST-SERB
55. Dr. Saqlain Haider was awarded Best Poster Award at the National Conference on Advances in Chemical Sciences organized by M D I University, Rohtak from 1-2nd March, 2013.
56. Mr. Yakub Ali was awarded Best poster award (National Symposium on “Recent Advances in Analytical Sciences and Applications” at Jamia Hamdard, New Delhi) on February 9 – 10, 2015.

57. Dr. Mahboob Alam was awarded Best poster award (National seminar on recent advances in chemistry and their impact on environment- Feb 15-16-2011. Dept. of Chemistry, Punjabi University, Patiala (Poster Presentation) on Feb 15-16, 2011.
58. Mr. Syed Ovais was awarded Best poster award in National Conference 2011 “CHEMISTRY: EDUCATION AND RESEARCH FRONTIERS” (IGNOU).
59. Prof C M Kumar was awarded membership of National Academy of Medical Sciences
60. Dr. Amit goel, Certification of bariatric surgery brazil
61. Dr. Amit goel, Fellow international college of surgeons
62. Prof Shakir Ali , UGC Research Award 2014
63. Dr. Suhail Fatima, Biographical notes published (2013) in ASIAN ADMIRABLE ACHIEVERS-VOL VII” edited and compiled by DR RAVI BHUSHAN,2nd Volume published by Rifacemento International ,IInd Floor, 4384/4A,Tulsidas Street , Ansari Road,Daryaganj, Delhi 110002, PP 173
64. Dr. Suhail Fatima, Biographical notes published (2011) in REFERENCE ASIA: ASIA’S WHO’S WHO OF MEN AND WOMEN OF ACHIEVEMENTS”edited and compiled by DR RAVI BHUSHAN,2nd Volume published by Rifacemento International ,IInd Floor, 4384/4A,Tulsidas Street , Ansari Road,Daryaganj, Delhi 110002, PP 355
65. Prof. M. Junaid Siddiqui, Dr. S. Radha Krishnan Memorial National Teacher Award 2015 by Association of Freelance Journalists and Writers of India on 5th Sep. 2015.
66. Dr. Suhail Fatima, Biographical notes published (2013) in ASIAN ADMIRABLE ACHIEVERS-VOL VII” edited and compiled by DR RAVI BHUSHAN,2nd Volume published by Rifacemento International ,IInd Floor, 4384/4A,Tulsidas Street , Ansari Road,Daryaganj,Delhi 110002, PP 173.
67. Mehra Raj D, “Dr. Sukhbir Prasad Jain Oration” of ASI-2013.
68. Dr. Sana Alam, 1st prize for Best Oral Presentation On , “IMA(ischemia modified albumin) , A newer Biochemical marker for early diagnosis of acute MI.” in ISARCON
69. Dr. Nilima Sharma, Special award of appreciation for oral hygiene day India celebration at the 40th annual conference Indian Society of Periodontology , Hydearabad, 2015.
70. Dr. Nilima Sharma, Special award of appreciation for oral hygiene day India celebration at the 39th annual conference Indian Society of Periodontology , Hydearabad, 2014.

71. Dr. Nilima Sharma, Special award of appreciation for oral hygiene day India celebration at the 38th annual conference Indian Society of Periodontology , Hyderabad, 2013.
72. Dr. Manoj Kumar Agarwala, IADVL Training Fellowships-2015 for Lasers and Aesthetics at Lucknow.
73. Dr. Manoj Kumar Agarwala 1st prize in Quiz Program conducted by Department of Dermatology, Venereology and Leprosy, CMC Vellore during 1st Annual CME: ‘An update in Dermatology for Postgraduates’ on 04th-05th October 2013
74. Dr. Manoj Kumar Agarwala, Young Investigator Award” 2013 at 10th Annual Int'l PC Consortium (IPCC) Research Symposium, 14th-17th February 2013, Salt Lake City, Utah, USA
75. Dr. Manoj Kumar Agarwala, Best e-poster titled on “Atrophie Blanche in Lymphoplasmacytic Lymphoma” at the 41st National Conference of Indian Association of Dermatologists, Venereologists & Leprologists, 25th-27th January 2013, Ahmedabad.
76. Dr. Manoj Kumar Agarwala 1st prize in Dr. H.C. Mohanty quiz competition held on November 3, 2012 during the 36th National Conference of the Indian Association for the Study of Sexually Transmitted Diseases and AIDS, November 02nd -04th 2012, Kochi.
77. Dr Amit Sharma: First Prize in Poster presentation titled Forensic prospects of Next Generation Sequencing technology in 6th International conference on Legal Medicine, Medical Negligence & Litigation in Medical Practice, held at Khajuraho from 26-28 Feb 2015.
78. Dr. Mridu Dudeja, Gold Medal (FMS) 2012
79. Dr. Zeeba S Jairajpuri, Best paper Presentation, International conference on recent Advances in Health Sciences, Kuala Lumpur, Malaysia, 2014.
80. Prof RC Jiloha received STATE AWARD for meritorious services in Mental Health on 20th October 2015.
81. Dr. M. Shobitha received Best poster presentation in ISARCON in 2015.
82. Dr. Suhel Parvez, DST SERB Fast Track Young Scientist Grant- 2013
83. Dr. Suhel Parvez, UGC Research Award 2012

3.4.7.2. STUDENTS / RESEARCH SCHOLARS AWARDS

Students (masters/ doctoral/postdoctoral fellow)

1. Mohammed Anwar, Best poster award in 13th International Conference on Magnetic Fluids, Jan 7-11, 2013, NPL, New Delhi, India. M. Anwar, M. Asfer, G.K. Jain and F.

- J. Ahmad. Aqueous phase transfer of oleic acid coated iron oxide nanoparticles: influence of solvents and surfactants on the stability of ferrofluid.
2. Mohammed Anwar, International Travel Grant Awarded by CSIR to attend The European Summit for Clinical Nanomedicine and Targeted Medicine, June 28 – July 1, 2015, Basel, Switzerland.
 3. Mohammed Anwar, International Travel Grant awarded by organising committee to attend First international translational nanomedicine conference (IT Nano), 26th to 28th July 2013. Boston, MA, USA.
 4. Mohammed Anwar, International Travel Grant Awarded by DST to attend Colloids and Nanomedicine 2012, 15-17th July 2012, Amsterdam, Netherlands.
 5. Mohammed Anwar, Selected for “9th Technology Led Entrepreneurship Programme” held at ICT, Hyderabad from March 15-30, 2012, organised by CSIR.
 6. First Prize for Best Poster in Poster Session at the National Seminar on “Challenges of Pharmaceutical Development in 21st Century”, for presentation titled as, “Sahni, J.K., Iqbal, B., Ali, A., Baboota, S. and Ali, J., “Formulation of Solid Self Nanoemulsifying Drug Delivery System of an Anti Diabetic Drug”, New Delhi 2011.
 7. Second Prize for Poster in Poster Session at the “International Symposium and Congress on Advances in Herbal Sciences and Technology”, for presentation titled, “Abdul Wadood Khan, Sabna Kotta, S. H. Ansari, R. K. Sharma, Aseem Bhtanagar, Amit Kumar, Priyanka Chabra and Javed Ali, “Carbomer 934 based Aloe Vera gel for wound healing”, Kerala, 2011.
 8. Prize for Best Poster in Poster Session at the “26th Annual Conference of IPGA”, for presentation titled, “M.D. Fazil, Shadab M.D., Sanjula Baboota, Jasjeet K. Sahni, Javed Ali, “Intranasal Nanoparticulate Drug Delivery of Acetyl Cholinesterase Inhibitor in The Treatment of Alzheimer’s Disease: *In Vitro* Evaluation”, New Delhi, 2011.
 9. Kanchan Kohli, S. Amin. Solid Lipid Nanoparticles: A Colloidal carrier for oral delivery of cardiovascular agent, International conference on “Recent Advances in cardiovascular sciences and translational medicines held at Amity University on 16th Feb 2012. Best poster presentation award.
 10. First Prize for best poster at IPGA Sponsored National Seminar on “Expectations of Pharmaceutical Industry from Pharmacy Graduates” for presentation titled, “Shadab Md., Sanjula Baboota, Jasjeet Kaur Sahni, Javed Ali, Preparation and Characterization of Bromocriptine Loaded Chitosan Nanoparticles for Intranasal Delivery”, Haryana, 2012
 11. First Prize for poster presentation “Development and pharmacotechnical evaluation of SLN gel. India Pharma Convention, Challenges and issues in Pharmaceutical sector in India. UDF sponsored held at DIPSAR on 12th Feb 2012.

12. First Prize for best poster at 1st Annual Conference of Society of Pharmaceutical Education & Research (SPER), for presentation titled, “Amit Goel, Sanjula Baboota, Jasjeet K. Sahni, Kona S. Srinivas, Javed Ali, Formulation and evaluation of surfactant based solid dispersion of Ezetimibe”, New Delhi, 23 June, 2012.
13. Best Poster Award at 65th Indian Pharmaceutical Congress, for presentation titled, Abdul Wadood Khan, S. H. Ansari, R. K.Sharma, Javed Ali, “Design and Investigation of Lipid based nanoemulsified systems for enhancing bioavailability of the poorly water-soluble grapefruit flavonoid naringenin”, New Delhi, 2013
14. Mr. Malay Bhowmik, PhD Scholar under Prof. Divya Vohora was awarded travel grants by DST and BPS to attend Annual meeting of British Pharmacological Society at London, UK from December 16-18, 2013.
15. 2nd Best poster award for the scientific paper entitled ‘ Formulation design of solid nanoemulsion preconcentrate for enhanced chemotherapeutic effect’ at symposium held at PDM college, Bahadurgarh, Haryana.
16. Gulam Hussain, S. Amin. Transfersomal drug delivery for telmisartan. 1st Poster prize at national conference at PDM College, Bahadurgarh.
17. Ms. Jaya Thomas, PhD Scholar under Prof. Divya Vohora was awarded BPS Bain Memorial Bursary to attend Annual meeting of British Pharmacological Society at London, UK from December 16-18, 2014.
18. Mr. Malay Bhowmik was awarded third prize for the poster paper [Bhowmik M, Yazdani MA, Khanam R and Vohora D “Comparative evaluation of aripiprazole with nafadotride and haloperidol on ethanol induced conditioned place preference and striatal dopamine in mice”] presented in National Symposium on Translational Research in New Drug Development, Jan 12-13, Vallabhbai Patel Chest Institute, University of Delhi.
19. Asif Elahi: Best poster prize in National conference on Chronic Inflammatory Disorders organized by Department of Biochemistry and Medical Biochemistry, Jamia Hamdard, New Delhi.
20. Samina Bashir: Jawahar Lal Nehru Scholarship for Doctoral studies from Jawahar Lal Nehru Memorial fund, w.e.f, 01.01 2014.
21. Samina Bashir: First prize at the international conference IMMUNOCON 2014 organized by the Department of Immunology, School of Biological Sciences, Madurai Kamaraj University.
22. Malik Mobeen Ahmad, DST travel award to participate 35th Mycotoxin Workshop’ Organized by Faculty of Applied Bioscience Engineering, University College Ghent, Ghent University, Belgium and Society for Mycotoxin Research on May 22nd - 24th, 2013

23. Md. Islamuddin, CYTO 2012 International Travel Award to present the work Apoptosis-like programmed cell death in *Leishmania donovani* promastigotes induced by eugenol rich oil from *Syzygium aromaticum* at CYTO 2012 XXVII Congress of the International Society for Advancement of Cytometry, Leipzig, Germany, June 23-27, 2012.
24. Md. Islamuddin, DBT Travel Award to participate at CYTO 2012 XXVII Congress of the International Society for Advancement of Cytometry, Leipzig, Germany, June 23-27, 2012.
25. Md. Islamuddin, Poster Award to Md. Islamuddin UGC-SAP (DRS-1) National Seminar on Proteomic Based Biomarkers for Animal and Plant Diseases” Jamia Hamdard, 1-2 March, 2013.
26. Ms. Garima Chouhan, CYTO 2012 International Travel Award to present the work Antileishmanial activity of traditional medicinal plants is mediated by apoptosis at CYTO 2012 XXVII Congress of the International Society for Advancement of Cytometry, Leipzig, Germany, June 23-27, 2012.
27. Ms. Garima Chouhan, DBT Travel Award to participate at CYTO 2012 XXVII Congress of the International Society for Advancement of Cytometry, Leipzig, Germany, June 23-27, 2012.
28. Ms. Garima Chouhan, INSA Travel Award to participate at CYTO 2012 XXVII Congress of the International Society for Advancement of Cytometry, Leipzig, Germany, June 23-27, 2012.
29. Ms. Garima Chouhan, Outstanding Poster Award at CYTO 2012 XXVII Congress of the International Society for Advancement of Cytometry, Leipzig, Germany, June 23-27, 2012.
30. Mr Sumit Sahni, First prize for Poster presentation at International Conference on Biotechnology in Human Welfare (7-9 Feb, 2013) at Kakatiya University, Warangal (AP).
31. Ms Kshipra Kapil, Second prize for poster presentation at National Seminar on Plant Sciences: New Technologies, conservation and Environment (23-24 Feb, 2013) at Aligarh Muslim University, Aligarh (UP)
32. Dr. Heena Tabassum, DBT Bio-CARe Research Award 2014.
33. Dr. Heena Tabassum, DST Cognitive Science Research Initiative Postdoctoral Fellowship 2013
34. Dr. Heena Tabassum, UGC Women’s Postdoctoral Fellowship 2011-12
35. Dr. Heena Tabassum, Certificate of Recognition for Research Award.
36. Ms. Sadaf Dabeer, best paper ,STOX 2012, jeypore.
37. Ms. Gayatri Bagree , UGC Indira Gandhi PG Single Girl Child Scholarship(2014)

38. Ms. Shafa Khan, UGC Indira Gandhi PG Single Girl Child Scholarship(2012)
39. Ms. Deepu Sharma (2015), IAS-SRF (Indian Academy of Sciences- Summer Research Fellowship)
40. Ms. Akansha Batra (2014), IAS-SRF (Indian Academy of Sciences- Summer Research Fellowship)
41. Mr. Siddharth Guasain (2014), IAS-SRF (Indian Academy of Sciences- Summer Research Fellowship)
42. Ms. Samia Hassan (2014), IAS-SRF (Indian Academy of Sciences- Summer Research Fellowship)
43. Ms. Tajnoor Fatima (2014), IAS-SRF (Indian Academy of Sciences- Summer Research Fellowship)
44. Ms. Sapna Jain (2013), IAS-SRF (Indian Academy of Sciences- Summer Research Fellowship)
45. Ms. Enam Reyaz (2013), IAS-SRF (Indian Academy of Sciences- Summer Research Fellowship)
46. Ms. Ankita Rathore, CCMB-Summer Research Fellowship

3.4.7.3. National and international recognition received by the faculty from reputed professional bodies and agencies

International

1. Dr Sayeed Ahmad, DST BOYSCAST, Availed in 2011 from Albert Einstein college of medicine, New York USA
2. Dr Farhan Jalees Ahmad Received research grant of 25000Euro from OPCW, , Netherlands
3. Dr Sayeed Ahmad, Sultan Qaboos University, Oman (Visiting Scientist, 2012)
4. Dr Sushama Most cited research paper award on the behalf of Elsevier and board of European Journal of pharmaceutics and Biopharmaceutics for research paper "Development and bioavailability assessment of remipril nanoemulsion formulation" 28.3.11 (Declare) Received April 2012
5. Prof. Divya Vohora is Advisory Board, Marks Man Healthcare Solutions
6. Prof. Divya Vohora was appointed as an Expert Member for reviewing research grants received by National Science Center, Krakow, Poland
7. Dr Yasmin Sultana Guest Edited a mini Thematic Issue of Current Drug Therapy, Bentham Science Publishers., On "Recent advances in Vaccine delivery" Volume 9, Number 3, 2015.

8. Dr Sanjula Baboota was appointed as an external reviewer by Israeli Ministry of Science, Technology and Space for assistance in evaluating the research proposal 2015

National

1. Dr Sushama- Awarded Motan Devi Dandiya Prize for Best Publication Award in Pharmaceutical Sciences for biennial 2010 and 2011. On behalf of Prof. PC Dandiya Endowment Trust. 4th Feb 2012
2. Prof Farhan J Ahmad elected as Member Executive Committee, Honorary Secretary and as President for two terms of IPA, Delhi Branch
3. Prof Farhan J Ahmad elected as General Secretary for SPDS, North chapter. Dr. Bahar Ahmad- Recognized for nomination by American Bibliographic Institute, Inc as professional hall of fame 2012
4. Dr Sushama- Awarded Best Oral Presentation in Recent advances in Green Chemistry and chromatographic Sciences, at Manav Rachana International University, Faridabad, 12th to 14th Jan 2012
5. Dr. Zeenat Iqbal- Best oral presentation for research paper “Propolis ethosomal transgel :a bioactive chemopreventive agent. First Annual Conference of Society of Pharmaceutical Sciences and Research (SPER) on “Pharmavision :Raising awareness towards recent advancement in pharmaceutical research”. 23rd June 2012, held at DIPSAR, in collaboration with IFTM, Moradabad, UP, India.
6. Dr. Zeenat Iqbal- Second prize poster presentation, at DST sponsored National Conference on Novel & Emerging Approaches in Pharmaceutical Sciences and Research (NEAPSR-2014) 3rd May 2014 organized by RV Northland Institute of Pharmacy
7. Dr. Zeenat Iqbal- Awarded first prize for poster presentation “Novel formulation design for treating periodontitis-a modifiable CVD risk factor” in 28th Annual conference Indian society for atherosclerosis research & international CME- new paradigms in atherosclerosis & cardio-vascular disorders 2015

3.5 Indicate the average number of successful M.Phil. and PhD. scholars guided per faculty during the last four years. Does the University participate in Shodhganga by depositing the PhD. theses with INFLIBNET for electronic dissemination through open access?

University average number of successful Ph. D. scholars guided per faculty is 1.06 which includes the Departments which have no PhD. Programme or no PhD. degree has been awarded so far. In case of Pharmacy data are as under:

PHARMACEUTICS

Average number of M.Pharm guided per faculty during last 5 years: 11 each faculty

Average number of PhD guided per faculty during last 5 years: 5 each faculty

PHARMACOLOGY

Average number of M.Pharm guided per faculty during last 5 years: 10 each faculty

Average number of PhD guided per faculty during last 5 years: 2 each faculty

PHARMACOGNOSY AND PHYTOCHEMISTRY

Average number of M.Pharm guided per faculty during last 5 years: 06 each faculty

Average number of PhD guided per faculty during last 5 years: 4 each faculty

PHARMACEUTICAL CHEMISTRY

Average number of M.Pharm guided per faculty during last 5 years: 05 each faculty

Average number of PhD guided per faculty during last 5 years: 3 each faculty

Yes. University participate in *Shodhganga* by depositing the PhD. theses with INFLIBNET for electronic dissemination through open access

3.6. What is the official policy of the University to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.

University has a *Guideline for Ethical Conduct of Research and Publication*. To check the plagiarism in research, University has adopted a policy of submitting a soft copy of thesis. Moreover a committee is being constituted to check any research document for plagiarism. There is no more than 0.1 % cases in University so far reported. University is using orkund software to check plagiarism.

3.7 Does the University promote interdisciplinary research? If yes, how many inter Departmental/ interdisciplinary research projects have been undertaken and mention the number of Departments involved in such endeavors?

Yes, the University promotes interdisciplinary projects, various inter Departmental and inter institutional projects have been undertaken in various Departments such as Biotechnology, Pharmaceutics, Pharmacognosy, Pharmacology, Biochemistry, Toxicology, Botany, Chemistry, faculty of Unani Medicine.

3.8. Has the University instituted any research awards? If yes, list the awards.

Yes. The University instituted an award for Publication in high Impact Factor Journal and Reward for Highly cited publication. These awards are announced every year on National Science Day. High value Doctoral and Post-doctoral Fellowships have also been instituted.

3.9. What are the incentives given to the faculty for receiving state, national and international recognition for research contributions?

The Office of Advisor (Research) undertakes the task of estimating the suitable modalities for the incentives to faculty members based on their recognitions in his/her field.

3.10. Consultancy

3.10.1. What is the official policy of the University for Structured Consultancy? List a few important consultancies undertaken by the University during the last four years.

There is Consultancy Revenue sharing policy in place approved by the Academic Council. In all cases faculty members who bring consultancy projects share the major portion of grant.

As a matter of policy the University encourages consultancy services that in turn sharpens the professional skills of the faculty, provides opportunities for a better exposure to the real field problems, enhances the interaction with the industry and helps in maintaining good liaison with the government, semi government and private sector organization officials for the field and site visits as well as training of the students.

All these consultancies are done as per policies adopted by the University and rules. Individual teachers are undertaking consultancies after duly getting permission from the Research Advisor. Some of the Departments offering consultancy are furnished as under:

- Department of Pharmacognosy and Phytochemistry has consultancy projects with Dabur India Ltd (19 lacs), DIPAS (DRDO) (13.4 Lacs)
- Department of Pharmaceutics has given consultancy to Glaxo SKB for formulation development(12 Lakh)

- Department of Pharmaceutics has signed an NDA with Newgen Biopharma Corporation, USA
- Department of Pharmaceutics has given consultancy to Collagen nanoformulations (Holista CollTech Australia Ltd.) and has filed a joint India Patent and a World Patent (PCT)
- Department of Pharmaceutics has given consultancy to Fish oil nanoemulsion (Holista CollTech Malaysia Ltd.)
- Department of Pharmaceutics has signed an NDA with Ubiquinone nanoformulations (Holista CollTech Malaysia Ltd.)
- Department of Pharmaceutics has given consultancy to Artemisinin Gel (IPCA, India)
- Department of Pharmaceutics has signed an NDA with Abbott India Ltd and Dabur India Ltd.
- Department of Biotechnology (Professor M.Z. Abdin) has developed nutrient management technology for higher artemisinin yield and has 1000 tissue culture seedlings raised of *Artemisia annua* L. were transferred to M/s Ipca Laboratories Ltd., Mumbai in a consultancy programme with consultancy amount of Rs. 6.00 Lakhs.
- Department of Biotechnology (Professor S.K. Jain) has developed S.Typhoid Rapid or Elisa test kit by using r-49KDa OMP to conduct initial studies. J Mitra & Co Pvt. Ltd paid a fess of Rs. 2,00,000/- towards consultancy amount to Jamia Hamdard.
- To check out the suitability of the antigen in proposed test kit, M/s Oscar Medicare Pvt. Ltd paid Rs. 19,500/- towards consultancy amount to Jamia Hamdard to prepare more tests for evaluation and clinical trials – Professor S.K. Jain.

3.10.2 Does the University have a University-Industry cell? If yes what is its scope and range of activities?

- The existing expertise available with University set – ups, national labs and institutions can be utilized by the industries for technology assessment, up gradation and absorption in the industry.
- Institutions need to encourage and enhance the activities to boost the country' s economy through developing new knowledge innovations and technologies which can be adopted by industry.

- The professionals from industries can act as adjunct in the institutions and faculty can be deputed to industry to gain industrial experience.
- Improving managerial and administrative abilities of Heads of institutions, Deans, Heads of Departments, senior faculty and officials through specially designed training programmes is an important project activity to support effective implementation of reforms, to improve development, planning and implementation, and monitoring. The expected outcomes are enhanced management capacity, helping the institution to gain increased autonomy, and improved internal and external efficiencies of institutions.

3.10.3. What is the mode of publicizing the expertise of the University for consultancy services? Which are the Departments from whom consultancy has been sought?

The expertise of the University is publicized through University web page, industry-institute interaction through training programmes, workshops, seminars and symposia. Important consultancy services were provided to the following:

The Public Relations Office also takes the responsibility of publicizing such aspects of the University.

3.10.4. How does the University utilize the expertise of its faculty with regard to consultancy services?

The faculty members depending upon their specialization areas and experience are assigned the consultancy projects through the office of Research Advisor.

Initiatives have to come from the faculties. University device rules to facilitate the financial benefits to the faculty. Teachers carrying out consultancy may be given opportunities to use a part of earnings in developing their labs.

3.10.5. List the broad areas of consultancy services provided by the university and the revenue generated during the last four years.

- Quality Control of Herbal Drugs and Botanicals (32.4 lacs)
- Formulation Development (0.21 lacs)
- Neutraceutical Product Development (50.00 lacs)
- Plant Biotechnology (06.00 lacs)
- Efficacy and safety Studies

3.11. Extension Activities and Institutional Social Responsibility (ISR)

3.11.1 How does the University sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience during the last four years.

Universities have been entrusted with the task of giving instructions to the students with a view to make them better citizens to participate in the process of the nation development. Traditionally universities are supposed to perform the role of dissemination of knowledge (teaching) and preservation of knowledge (research), of which the benefits, by and large, remain within the campuses or to the higher strata of the society. With the new vistas of knowledge opening in various disciplines of knowledge, education has become highly specialized, and thus the need of social outreach programmes are conducted under Community Health Nursing at Rufaida Health centre which caters to an urban population of one lakh. The thrust area is vulnerable group like mother and child. Health education and awareness camps are conducted on control of TB and other common communicable diseases. In-service education is given to ANMs and ASHAs at Mother and Child Welfare Health centre, Badarpur on topics like antenatal care, baby care, management of diarrhoea, malnutrition etc.

3.11.2. How does the University promote University-neighborhood network and student engagement, contributing to the holistic development of students & sustained community development?

The University promotes University-neighborhood network by doing the following:

- By establishing mass contact through door to door contact and public meeting.
- Conducting surveys and need assessment, Organizing *health camp, seminars, road shows* and *Nukkad*, meetings, Advocacy through different media.
- The University neighborhood networking is established by involving two partners namely (a) Academic & (b) Activist.

- Academic partners consist of different Departments of Studies belonging to various faculties of the University. They possess in- depth knowledge on different issues pertaining to social change.
- The Activist partners consist of various NGOs, Organisations and Governmental agencies engaged in the task of social change. Suitable and effective strategies developed by them are used to ascertain desirable positive response.

In the Department of Community Medicine ,the Undergraduate and Postgraduate students are routinely allotted families in registered areas of Rural and Urban Health Training centres. Socio-cultural study of families is carried out. The students are taught about ethical issues, doctor patient relation and encouraged to carry out health education activities for promotion of health. The exercise is later evaluated and marks are given for the same.

The Interns posted in Community Medicine engage with the community at different levels such as Family Visits, School Health Programmes and visits to Anganwadi Centres, Health Promotion Melas, and several National Programmes. One major objective of these postings is to familiarize the young student and doctor with the way of life of the community and encourage health promotional thinking and activities.

3.11.3. How does the University promote the participation of the students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International programmes?

National Service Scheme (NSS) helps in promoting community awareness for Traffic Rules, Blood Donation, HIV/AIDS, Family Planning etc. The MSW students have worked as volunteers of NSS in various events organized for community development. The Department of Social Work in collaboration of UNICEF & District Administration organizes programmes on various occasions viz. World Health Day, World Environment Day, World AIDS Day, etc.

National Service Scheme (NSS)

NSS Jamia Hamdard has two units of NSS Volunteers. There is one Programme Coordinator and one Programme Officer. It has adopted a slum “Indira Gandhi Jhuggi Cluster” at Okhla Industrial Area.

The NSS volunteers participate in various awareness programmes such as Pulse Polio Immunization camps, awareness about Hepatitis-B, DPT and BCG immunization, HIV/AIDS, STD, importance of cleanliness, illiteracy eradication programme, plantation and related activities. A 15 day Special camp is organized by NSS volunteers every year in different slums of Delhi for community awareness. NSS Jamia Hamdard is a member of Red Ribbon Club which is HIV/AIDS awareness scheme sponsored by Delhi Government.

N.S.S. Activities from January 2011 to December 2011

1. Blood Donation Camp.

A Blood Donation Camp was organized on 9th February 2011. The camp was inaugurated by Shri Ramesh Kumar- Hon’ble Member Parliament (South Delhi) in the presence of Hon’ble Vice Chancellor. In this programme 250 students participated. They donated their Blood to Rotary Blood Bank. On this occasion N.S.S. Certificates and Trophies were distributed to N.S.S Volunteers by Hon’ble Vice Chancellor Dr. G.N. Qazi and Chief Guest Shri Ramesh Kumar.

2. Training Programme on HIV/ AIDS for Peer Educators.

One Day Training Programme was organized on HIV/AIDS for Peer Educators on 11/02/2011. In this Programme 50 N.S.S. students were trained by the experts of NACO & Delhi AIDS Control Society.

3. Participation in Adventure Programme

Ten students of N.S.S. Jamia Hamdard participated in Adventure Programme along with Dr. Khursheed Ahmad Ansari, Assistant Professor. This Programme was organized by N.S.S from 22.03.11 to 27.03.11 at Jaisalmer.

4. Summer Camp 2011

N.S.S. Jamia Hamdard organized a 10 days special summer camp from 18/05/2011 to 27/05/2011 at Sangam Vihar. In this programme N.S.S. volunteers spread the awareness of Infectious Diseases and Immunization. For this purpose they went door to door in Sangam Vihar Area.

5. Rally on HIV/AIDS

To celebrate world AIDS Day a Rally was organized on 01/12/2011. In which 250 NSS volunteers Participated. The Rally was flag off by Hon'ble Vice Chancellor Jamia Hamdard.

N.S.S. Activities from January 2012 to December 2012

1. NSS Summer Camp

A ten days Special Camp of N.S.S. was organized from 25/03/2012 to 03/04/2012 at Sangam Vihar. In this programme 50 NSS volunteers participated. The theme of camp was Health Awareness.

2. Health Awareness Camp

NSS Jamia Hamdard organized two health aware Camp. One Camp was organised on 28/01/2012 at Sangam Vihar. Other Camp was organized on 26/02/2012 at Tigri, New Delhi-110062. In these Camp NSS Volunteers spread the awareness of Infectious Diseases, HIV/AIDS, Importance of Cleanliness, Importance of Vaccination and Immunization especially in children. They went door to door in the locality.

3. Rally on HIV/ Aids

NSS volunteers organized a Rally on HIV/AIDS to celebrate World Aids Day on 1/12/2012. In this Rally about 200 NSS Volunteers participated. The Rally was flag off by Hon'ble Vice Chancellor. NSS volunteers visited Sangam Vihar & Tughlakabad through this Rally.

N.S.S. Activities from January 2013 to December 2013

1. Summer Camp 2013

A ten days Special Camp of N.S.S. was organized from 17/04/2013 to 27/04/2013 at Sangam Vihar. In this programme 50 NSS volunteers from different faculties of Jamia Hamdard participated. They went door to door to aware the masses about Importance of hand washing, cleanliness and Sanitation. They also educated the public for Blood Donation, Vaccination of infectious diseases, Pulse Polio, Hepatitis B & C, T. B., Diphtheria, Pertusis and Tetanus etc.

2. Volunteer ship Registration Programme

In this programme two hundred volunteer were registered for 2013-14 from different faculties of Jamia Hamdard on 15/07/2013.

3. Health Awareness Camp

A camp was organized by NSS on 24/08/2013. The purpose was awareness of Infectious Diseases, HIV/AIDS, Importance of Cleanliness, Importance of Vaccination and Immunization especially in children. 50 NSS Volunteers participated in this programme.

4. Rally on World Aids Day

A Rally on HIV/AIDS was organized by NSS Jamia Hamdard on 1/12/2013 on the occasion of WORLD AIDS DAY. In this Rally about 200 NSS Volunteers from different faculties participated. The Rally covered about 2.5 Km. area with banners and Slogans on awareness of HIV/AIDS.



N.S.S. Activities from January 2014 to December 2014

1. Summer Camp 2014

A summer Camp of N.S.S. was organized from 22/04/2014 to 26/04/2014 at Sangam Vihar. In this Camp NSS volunteers went door to door to aware the masses about Importance of hand washing, cleanliness and Sanitation. They also educated the public for Blood Donation, Vaccination of infectious diseases, Pulse Polio, Hepatitis B & C, T. B., Diphtheria, Pertusis and Tetanus, the awareness of immunization to children.

2. HIV/AIDS Camps

A HIV/AIDS Awareness Camp was organized at Indira Gandhi Jhuggi Colony on 27/09/2014 to aware the residents about HIV/AIDS.

3. Participation of NSS Volunteers

The Ministry of Youth Affairs Govt. of India organized National Voluntary Blood Donation Day on 01/10/2014. In this regard a Rally of NSS Volunteers was organized at Jawahar Lal Nehru Stadium. Our one Hundred NSS Volunteers from different faculties participated in this rally.

4. Rally on AIDS

A Rally was organized by NSS Volunteers on 01/12/2014 to aware WORLD AIDS DAY. In this Rally two hundred NSS Volunteers participated.



N.S.S. Activities from January 2015 to December 2015

1. Summer Camp 2015

A five days Special Camp of N.S.S. was organized from 26/03/2015 to 30/03/2015 at Sangam Vihar. In this programme 100 NSS volunteers from different faculties of Jamia Hamdard participated. They went door to door to aware the masses about Importance of hand washing, cleanliness and Sanitation. They also educated the public for Blood Donation, Vaccination of infectious diseases, Pulse Polio, Hepatitis B & C, T. B., Diphtheria, Pertusis and Tetanus etc.

2. Participation of NSS Volunteers in Car Free Day Programme organized by Transport Department, Govt. of NCT, New Delhi.

The fifty NSS Volunteers of Jamia Hamdard participated in the programme Car Free Day organized by Transport Deptt., Govt. of N.C.T. Delhi on 22/11/2015 from 8.00 a.m. to 4.00

p.m. Rahgiri, Sports Complex, Dwarka. On this occasion our Volunteers participated in Cycle Rally and formation of Human Chain.

3. Celebration of WORLD AIDS DAY by NSS Volunteers

NSS Jamia Hamdard organized an Awareness Rally on HIV/AIDS on the occasion of WORLD AIDS DAY, 1st Dec., 2015. In this Rally about 250 NSS Volunteers from different faculties participated. The Rally was flag off by Hon'ble Vice Chancellor in the presence of Registrar, Jamia Hamdard, Dr. Firdaus A. Wani, Prof. Syed Mahtab Ali, NSS Programme Coordinator and faculty members.

The Rally covered about 2.5 Km. area with banners and Slogans on awareness of HIV/AIDS.

4. Health Awareness Camp

The Volunteers of NSS Jamia Hamdard organized a Health Awareness Camp at Sangam Vihar on 12/12/2015 (IInd Saturday). In this Camp twenty five NSS volunteers from Faculty of Medicine(U) participated. These students spreaded the awareness of Infectious Diseases, HIV/AIDS, Importance of Cleanliness, Importance of Vaccination and Immunization especially in children. Volunteers went door to door in the street of Sangam Vihar. The Camp was started at 10 a.m. and remained active till 4 p.m.. The Volunteers covered almost 200 houses of Sangam Vihar.

5. Participation of NSS Volunteers in Car Free Day Programme organized by Transport Department, Govt. of NCT, New Delhi.

The Volunteers of Jamia Hamdard participated in the programme of Delhi Govt. "Car Free Day" on 22/12/2015 at VIKAS MARG, New Delhi. NSS Volunteers took part in Cycle Rally and Formation of Human Chain organized by Transport Deptt. Govt. of NCT of Delhi. The programme was inaugurated by Transport Minister of Delhi Govt.

National cadet corps (NCC)

NCC, Jamia Hamdard has two NCC units for boys and one for girls, which provide part time training to students in order to prepare them for job opportunities in the Defence Services and public and private sectors. These units of NCC conduct the following activities:

1. Training Camps: All cadets have to undergo 40 parades in a session, imparted by Officer Commanding (OC), under the supervision of ANO and the Coy Office.

2. Examination: NCC Group Headquarter holds every year ‘B’ and ‘C’ certificate exams for eligible candidates.

3. Camps: Camps are mandatory criteria for certification. Hence Camps of following types are organized:

(Unity and discipline)

Unit name - 7 Delhi Battalion

Ex commanding officer - Colonel R.S. Hooda (sikh light infantry) till November 2015

Present commanding officer - Lieutenant colonel Suveer Srivastav (corps of signals) November, 2015 onwards.

NCC Activities in the session 2010-2011

1. 15.08.2010- 30 NCC Cadets gave Jhanda Salami and reported to Honourable Vice Chancellor ,Dr. GN Qazi on Independence day.
2. 3.10.10-14.10.10- 28 NCC Cadets participated in Common Wealth Games 2010 as Volunteers
3. 27.05.10-5.06.10- 3 NCC Cadets Participated in Combined Annual Training Camp(CATC) held at Kendriya Vidyalaya - 2 at Delhi Cantt.
4. April.2010-One cadet named Mohd. Rizwan appointed as a Lecturer in Government Bhopal Tibbiya College on the basis of B certificate obtained in NCC training.
5. 09.12.2012-18.12.2012- 15 NCC Cadets Participated in Combined Annual Training Camp(CATC) held at Safdurjung Enclave ,New Delhi.
6. 20.01.2011- A meeting held with new C.O of 7 Delhi B.N NCC at the NCC Conference regarding the rules and regulations of NCC and maintenance of records and to submit the attendance of the Cadets appearing for B certificate Exam.

7. 26.01.2011- 30 NCC Cadets gave Jhanda Salami and reported to Honourable Vice Chancellor ,Dr. GN Qazi on Republic day.
8. 14.02.2011-15.02.2011- 17 NCC Cadets appeared for B certificate Exam.
9. 14.02.2011- Meeting with D.O.G NCC at Safdurjung Enclave regarding Camps , Courses and Uniforms.
10. 09.03.2011- Mr. Sayed Samer Hamid(Chief Guest) and Honourable VC Dr. GN Qazi presided over the Annual Function and awarded 30 NCC Cadets B and C certificates.
11. 12.06.2011-21.06.2011- 15 NCC cadets participated in CATC at Baprola ,New Delhi and the following three Cadets achieved recognition which is stated as below
 - Sharfuddin—1st Prize in Essay Competition.
 - Mohd. Faisal—1st Prize in Extempore.
 - Mohd . Faisal and Salman Ahmad selected in Volley ball team and won the trophy.
12. 3.10.2011-18.10.2011- 2 NCC Cadets participated in Amarkantak Camp.
13. 27.11.11- 30 NCC Cadets participated in half marathon organized by Airtel at Nehru Place,New Delhi.
14. 15.12.2011-17.12.2011- 3 NCC cadets attended the ALC Camp at Bhuj (Gujrat) in which one Cadet named Mohd. Azam Zia won 2 prizes-one in Poster making(1st Prize) and one in Debate Competition(2nd Prize)
15. 21.12.2011-NCC annual function held at Convention Centre ,Jamia Hamdard and Mr. Haroon Yusuf(Minister of Power Development and Civil Supplies, Govt. Of Delhi) was Chief Guest and Honourable Vice Chancellor and Registrar presided over the function and 20 NCC Cadets were Awarded.

NCC Activities in the session 2011-2012 and 2012 - 2013

1. 27.12.2011-05.01.2012- 15 NCC Cadets attended CATC Camp at Govt. Sen. Sec School Baprola in which which one Cadet named Mohd. Sadaf Maqbool won two prizes-one in solo song and one in Extempore Competition(2nd Prize)
2. 15.01.2012-26.01.2012- 2 NCC Cadets had attended NIC Camp at Satha (M.P)

3. 26.01.2012- 30 NCC Cadets gave Jhanda Salami and reported to Honourable Vice Chancellor ,Dr. GN Qazi on Republic day.
4. 16.02.2012- 17.02.2012- 24 NCC Cadets appeared for B certificate exam
5. 25.02.2012-27.02.2012-8 NCC Cadet appeared for C certificate exam.
6. 7.04.2012- 10 Cadets Participated in Annual World health Day at AIIMS ,New Delhi organized by WHO in collaboration with Health Fitness Trust ,New Delhi
7. 26.6.2012-15 Cadets participated in International Drug Abuse Day at India Gate,New Delhi organized by Health Fitness Trust and WHO ,New Delhi
8. 11.07.2012- 10 Cadets participated in World Population Day programme at India Gate,New Delhi
9. 15.08.2012- 30 NCC Cadets gave Jhanda Salami and reported to Honourable Vice Chancellor ,Dr. GN Qazi on Independence Day.
10. 15.09.2012- NCC annual function held at Convention Centre ,Jamia Hamdard and Mr. Parwez Hashmi, Minister of parliament was Chief Guest and Registrar Dr. Firdaus Awani presided over the function and 24 NCC Cadets were Awarded B certificates and 8 Cadets were awarded C certificates.



NCC Activities in the session 2013-2014

1. 05.01.2013 - A combined annual training camp was conducted by the unit where our 10 cadets attended.
2. 08.02.2013 - B certificate exam was conducted at the head quarters.
3. 21.02.2013 - C certificate exam was conducted at the head quarters.
4. 16.06.2013 - A combined annual training camp was conducted by the unit where our 15 cadets attended for 10 days residing at NDMC Navyug School in sarojini nagar Delhi.
5. 15.07.2013 - 29 cadets reported for the jhanda salami in the university.
6. 01.08.2013 - Recruitment of the newly enrolled cadets in the Jamaia Hamdard NCC family.

NCC Activities in the session 2014-2015

1. 5.01.2014 - Combined Annual Training Camp was conducted by the unit where our 18 cadets attended for 10 days residing at NDMC Navyug School in sarojini nagar Delhi.
2. 26.01.2014 - 30 cadets reported for the jhanda salami in the university.
3. 18.06.14- Combined Annual Training Camp was conducted by the unit where our 10 cadets attended for 10 days residing at NDMC Navyug School in sarojini nagar Delhi.
4. 15.07.2014 -35 cadets reported for the jhanda salami in the university.
5. 01.08.2014 - Enrollment of newly admitted cadets.
6. 02.10.2014 - 24 cadets participated and helped in cleaning the campus with the honourable vice chancellor.
7. 20.10.2014 Combined Annual Training Camp) was conducted by the unit where our 10 cadets attended for 10 days residing at NDMC Navyug School in sarojini nagar Delhi.
8. 15.10.2014 - – Special National Integration Camp) was conducted at Jaisalmer and our 10 cadets attended it.

9. 19.10.2014 – Special National Integration Camp was conducted at Jammu and Kashmir (Nagrota) and 2 cadets attended it.
10. 25.12.2014 to 15.01.2015 - A Pre- Republic Day camp was conducted.
11. 08.02.2015 - NCC B certificate exam was conducted at the group headquarter.
12. 21.02.2015 - NCC C certificate exam was conducted at the group headquarters.

NCC Activities in the session 2015-2016

1. 17.06.2015 - Combined Annual Training Camp) was conducted by the unit where our 12 cadets attended for 10 days residing at NDMC Navyug School in sarojini nagar Delhi. This camp was basically preparing the cadets to perform at the rajpath on the 21st June which is the yoga day. All 12 cadets participated and performed at rajpath in the morning with the other 15000 paramilitary and 10000 other NCC cadets.
2. 16.09.2015 - Combined Annual Training Camp was conducted by the unit where our 10 cadets attended for 10 days residing at NDMC Navyug School in sarojini nagar Delhi.
3. 06.01.2016 - A special National Integration Camp held at the Punjab (Ropar)

3.11.4. Give details of social surveys, research or extension work, if any, undertaken by the University to ensure social justice and empower the underprivileged and the most vulnerable sections of society?

A survey was conducted at Jagriti Public school SangamVihar on ‘Prevalence of malnutrition in school children’ on 23.9.15 by Post basic second year stuents under the supervision of Ms Priyanka Bansal.

3.11.5. Does the University have a mechanism to track the students’ involvement in various social movements/activities which promote citizenship roles?

Jamia Hamdard community has always come forward in difficult times to help the sufferers of earth quakes, floods or communal riots. Jamia Hamdard Students actively participates in such activities. There are even some student wings and organizations, which are seen in such activities as holding Blood Donation Camps, or collecting winter clothes or blankets to help the poor.

When the students hold such activities under NSS, NCC or Jamia Hamdard, their involvements are properly tracked by them.

3.11.6. Bearing in mind the objectives and expected outcomes of the extension activities organized by the University, how did they complement students' academic learning experience? Specify the values inculcated and skills learnt.

Through the above given activities the students acquire skills at different levels. This beyond-the-classroom experience instills confidence, values of societal responsibilities. It makes them a better citizen and equips them with life skills. The field work and hands-on experience provide them situations where they have to think and act on their own.

3.11.7. How does the University ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the University which have encouraged community participation in its activities.

Following activities were undertaken by Diploma, UG, Post basic nursing and MSc students, at RCN and M and CW Health centre, Badarpur for community development.

- Dec 2012- Health awareness campaign on “ALCOHOLISM & DRUG ABUSE” by DGNM Interns at SangamVihar including 120 beneficiaries.
- Jan 2013- “Adolescent Health”, a group project was done by DGNM III year, at Tughlakabad
- Feb. 2013- Training in Self Defense Techniques conducted by special police unit for women and children, 75 students (B.Sc. 3rd and 4th year students)
- 1.08.13- Group project on ‘prevention and management of malnutrition among under 5 children’
- 1.2.14- MCH Clinic (care camps) was organized to provide comprehensive maternal and child health services to antenatal mothers, postnatal mother and under-5 children at SangamVihar, New Delhi.

- 2014- Eye camp was also organized by faculty and students in coordination with ophthalmologists
- 29-10-14- Apka Dil Apki Marzi- An awareness programme on prevention and control of cardiovascular disorders with special focus on lifestyle modification was organized at Health Centre, PulPrahlapur, New Delhi.
- ‘Nasha Chhodo Swasthya Aur Khushiyo Se NaataaJodo’- an awareness programme on drug addiction was organized.
- 12.8.15 - Role play on ‘ Prevention, Control and management of Diarrhoea’.
- 20.8.15- Role play on ‘ Prevention and Control of TB

3.11.8. Give details of awards received by the institution for extension activities and/contributions to social/community development during the last four years.(University was awarded for the development of Rain Water Harvesting system. Blood donation campus and Health Camps are regularly organized.

3.12. Collaboration

3.12.1. How has the University’s collaboration with other agencies impacted the visibility, identity and diversity of activities on campus? To what extent has the University benefitted academically and financially because of collaborations?

Collaborations with other high quality organizations have accrued following benefits to the University:

- Visibility of the University has enhanced and due to which the ranking of the University has improved.
- The quality of research and publications has improved.
- New patents have been applied and a number of these are in the process.
- A number of foreign universities have shown their interest to collaborate with the University,

- The University has financially benefitted from the projects due to these collaborative researches in the form of receiving overhead charges.

3.12.2. Mention specific examples of how these linkages promote

- **Curriculum development:** These collaborations promote curriculum development in the form of new knowledge and information addition to the existing programmes being taught.
- **Internship:** Large number of students from different institutions and universities visit various Departments for receiving training in new areas and technologies. Similarly, our students also get trained and acquaint themselves with newer technologies.
- **On-the-job training:** A number of faculty and students under various scholarship programs visit different institutes and Industry thereby strengthening the academic and research activities on the campus. The knowledge gained is shared with graduate, post graduate and research scholars.
- **Research & Publication:** Due to collaborative activities the research facilities have improved resulting in good quality of research and publications.
- **Consultancy & Extension:** The increase of visibility of the University due to collaborative research has resulted in faculty getting consultancy/ research projects.
- **Student placement:** Since the University has been recognized by various national and international accreditation bodies, there has been an enriched confidence of the industry and employers. This has led to a better prospect for the graduates who have been successful in procuring jobs in the campus placement.
- **Anyother (please specify):** There collaborations promote:
 - High quality research
 - Publications quality, impact and citation

3.12.3. Has the University signed any MoUs with institutions of national/ international importance/other universities/industries/ corporate houses etc.? If yes, how have they enhanced the research and development activities of the University?

Some of the major areas of academic and research cooperation are listed below:

ON-CAMPUS HEALTHCARE RELATED PARTNERSHIP RESEARCH HUBS

- Clinical Pharmacology Unit of Ranbaxy Laboratories Ltd. (>10 year)
- Hilleman Laboratories (MSD – Wellcome Trust initiative for low-cost vaccines). (>3 years)
- BD-JH FACS Academy for Human Resource Development in the area of cell technology and its application in basic and health sciences. (> 2 years)

COLLABORATION WITH ORGANIZATIONS IN HEALTHCARE SECTOR

- Apollo Hospitals Educational & Research Foundation
- INCLIN Trust International
- Sir Ganga Ram Hospitals Trust
- DBT-Translational Health Science and Technology Institute (THSTI)
- CSIR – CDRI, Lucknow; IITR, Lucknow, IGIB, New Delhi; IIIM, Jammu
- Defense Research & Development Organization (DRDO)
- Institute of Molecular Medicine
- Dabur Research Foundation
- Jamia Millia Islamia (with Dental College)

3.13. Have the University-industry interactions resulted in the establishment/creation of highly specialized laboratories/ facilities?

Many Departments of studies have developed a setup for specialized research in association with industry. For example, Biotechnology, Pharmaceutics, Pharmacognosy and Pharmacology interact with pharmaceutical companies.

3.14 Any other information regarding Research, Consultancy and Extension, which the University would like to include.

- The University organizes “University Extension Lectures” on a regular basis.
- Many teachers individually provide consultancy to industry, research and academic institutes for establishment.
- Many Departments extend the facilities available in the specialized laboratories to the researchers from within the nation and abroad.

3.15. Does the University have an institutionalized mechanism for students’ placement? What are the services provided to help students identify job opportunities, prepare them for interview, and develop entrepreneurship skills?

The Placement Cell helps each student in exploring placement opportunities by inviting various companies for campus recruitment of students who are in the final year of the programme and are likely to graduate at the end of the academic year. The final placements, at the Placement Cell, are a result of very systematic interaction with the industry and continuous career counseling of the students. Right from the beginning of the programme, students are continuously counseled with regard to his/her career aspirations and options, which in turn is vigorously followed up with the potential companies for participating in the placement programme of the Placement Cell. This not only helps the students in getting their ‘dream’ jobs but also assists the visiting placement companies in identifying the ‘right’ candidate for their organization. However, the placement will be governed by Placement guidelines:

The Broad Activities Undertaken by the Placement Cell are:

Formation of Students' Placement Committees for final placement and also for getting industrial training and industry linked project work for students.

- Preparation of Placement Brochure for final placement.
- Pre-placement visits (PPV) to the companies.
- Communication, networking and relationship building with the potential recruiters
- Invitation to potential recruiters to visit the Placement Cell.
- Continuation of placement activities after the stipulated period, till all the students are placed.
- Grooming and training of the candidates for the placements so that their chances of selection increase.
- General follow-up, joining formalities and other administrative activities.

Placement Cell Placement Committee

The placement related activities, at the Placement Cell, are carried out by Placement committee – it comprises of faculties from various departments of the Placement Cell. Student representatives from various branches who are in their final year are also appointed as committee members. The committee is headed by Incharge of the Placement Cell and Manager Corporate Relations acts as a member secretary. The placement committee is usually formed in the month of July.

Student Registration for Placement

Students who are in their final year and interested in availing placement support from Placement Cell, will have to register themselves for placement. Those who don't want any kind of placement support need not register themselves. Registration for placement is done by paying placement registration fees decided by the Placement Cell from time to time.

Placement Brochure

The Placement Cell prepares a Placement Brochure, giving details of the students ready to be placed for the benefit of the students and potential recruiters. This brochure is subsequently shared with potential recruiters. The students registered for placement are included in this brochure.

Placement Eligibility

Students who fail to clear the academic exams & other formalities at the end of course, shall be removed from the placement process and hence will not be eligible for campus placement activities. Any major disciplinary actions will terminate the student from campus placement activities.

Placement Process

Once an organization shows interest in recruitment from the Placement Cell, the students are asked to register their interest for the job. An email informing about the job opening and its details are shared with the student coordinators and placement committee. Placement cell gets as much details as possible about the job profile. The registration of interest is to be done by students from their official mail ID on the provided link, after going through the job profile. It is not compulsory. Only students who register for that particular job profile are considered for the job opening and their names and CVs are shared with the company. It is responsibility of a student to keep his/her resumes updated with placement cell. Once the names of students are submitted, student is not allowed to withdraw from the selection process.

Sometimes companies come for Pre-Placement Talk / Group Discussion / Written Test and the short-listed students are interviewed at the campus or off the campus. Alternately, some companies select students based on their CVs and may invite them for Group Discussions/Interviews at their offices.

To facilitate the placement and summer training of M.Sc. Biotechnology passing-out and passed-out batches in R&D institutions, Universities and Industries a Placement Cell was established in Department of Biotechnology.

First round of placement interview with the company AceProbe Technologies (I) Pvt Ltd was conducted on 21/4/2014. They interviewed around 24 M.Sc. final year students and selected two students Mr. Nadeem Sardoiwala and Mr. Azhar Andrabi as a regular employee.

On 30th April, 2014, Dept. of Biotechnology organized the second round of campus interview with Double Helix Clinical Cytogenetics & Reproductive Immunology Centre to our final year students. The team from the company conducted the initial screening of the sixteen students and selected three students Mr. Kailash Singh, Mohd Islamuddin and Mr. Mujeeb-ur –Rehman as a employee.

The students who have passed out from this department have been selected in various institutions including DRDO, CSIR laboratories, universities (Delhi University, Guru Gobind Singh University, Kashmir University, etc), medical colleges such as PGIMER (Chandigarh), and industry. Many opt for the PhD, and have been taken by premier institutes and research laboratories such as CCMB (Hyderabad), IISc (Banglore), ICGEB (New Delhi), AIIMS (New Delhi), NII (New Delhi), Dabur Research Foundation (Ghaziabad), NICD (New Delhi), NCBS (New Delhi), CDRI (Lucknow), TERI (New Delhi), IARI (New Delhi), JNU (New Delhi), DU, South Campus (New Delhi), IGIB (New Delhi), CDFD (Hyderabad) and laboratories abroad in USA, Germany, and Denmark.

3.15.1. Give the number of students selected during campus interviews by different employers (List of Employer and the number of companies who visited the campus during last four years)

Placement Cell, Faculty of Pharmacy, Jamia Hamdard

Placement Record 2009-10

Placed = **59**

Admission in PhD =16

Admission in M. Pharm. = 49

Admission in B. Pharm. = 10

S. No.	Number of Students Placed	Name of Company / Institution
1.	Fifteen	Ranbaxy Research Lab. Gurgaon
2.	Seven	Medley Pharmaceuticals Ltd. Mumbai
3.	One	Dr. Reddy Lab. Hyderabad
4.	Two	Jubilant Organosis Noida
5.	One	Wokhard Pharma Ltd Pune
6.	Two	Dabur Res. Foundation Ghaziabad
7.	One	Arbro Pharma
8.	One	Nestle Pvt. Ltd.
9.	Ten	Various Teaching Institution in NCR
10.	Two	ICMR – Medical Writing
11.	Four	Apser Pharma (MNC)
12.	Two	Lark Laboratories Ltd.
13.	Two	Indigene Life Sciences Bangalore
14.	One	Macloid Pharmaceutical Ltd. (mkt)
15.	One	Tulip Diagnostics Ltd. (MKT)
16.	One	Lupin Lab. Ltd. (MKT)
17.	Two	Wipro Pharmacovigilance
18.	Two	Religare (Pharmacist)
19.	Three	Holy Family Hospital (Pharmacist)
20.	Two	Apollo Hospital (Pharmacist)
21.	One	Sanjivini Hospital (Pharmacist)
	Total = 59	



Placement Record 2010-11

Placed = **69**

Admission in PhD = 30

Admission in M. Pharm. = 67

Admission in B. Pharm. = 23

S. No.	Number of Students Placed	Name of Company / Institution
1.	Four	Teaching in HIMT College Noida
2.	Four	Teaching in RB North College UP
3.	Three	Teaching in RamEach COP Noida
4.	Two	Teaching in IIMT Meerut
5.	One	Teaching in KIET A.P.
6.	Ten	Ranbaxy Research Lab.
7.	Twelve	E4E Health care Noida
8.	One	Panacea Biotech.
9.	Four	Novartis Healthcare
10.	One	Curdav Pharm. Noida
11.	One	Smart Analytic, KPO Gurgaon
12.	One	Cipla Pharma Goa
13.	Four	Jubilant Organosis R&D Noida
14.	One	Lark Lab. Bahadurgarh
15.	one	Dabur FergeniusKabi Oncology Gurgaon
16.	One	Raptakos, Brett & Co. Ltd.
17.	Two	Walter Bushnelle
18.	One	Smart Analytic, Gurgaon
19.	One	VyomeBiolife Sciences
20.	One	Wokhardt Aurangabad
21.	Three	Aristo Pharm (Mkt)
22.	One	Prozen Delhi (mkt)
23.	One	Raptkos Brett & Co. Ltd. Okhla (Mkt)
24.	One	Novo Nordisk Delhi (mkt)
25.	One	Apothecaries Pvt. Ltd. Delhi
26.	One	Pharmacist in NGO
27.	One	Pharmacist in HelpAge India Ltd.
28.	One	Pharmacist in VIVO
29.	One	Pharmacist in Alshifa Hospital
30.	One	Pharmacist in Religare Pvt. Ltd.
31.	One	Pharmacist in Rockland Hospital Saket
32.	One	Pharmacist in Max Hospital Saket
	Total = 69	



Placement Record 2011-12

Placed = **49**

Admission in PhD = 13

Admission in M. Pharm. = 53

Admission in B. Pharm. = 17

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S. No.	Name of Company	Date of Visited	Students Selected	Class
1.	IndegeneLifesystems Pvt. Ltd Bangalore	23-12-2011	One	M. Pharm
2.	Novartis Healthcare Hyderabad	18-01-2012	One	M. Pharm
3.	Religare Wellness Ltd. Delhi	22-02-2012	Six	B. Pharm D. Pharm
4.	Acclivity Multinet Pvt. Ltd. Delhi	28-03-2012	One	B. Pharm.
5.	Binocs Healthcare Academy Pvt. Ltd.	29-03-2012	One	B. Pharm
6.	BACFO Pharm. (India) Ltd. Delhi	10-04-2012	One	B. Pharm
7.	Jubilant Chemsys Noida	11-04-2012	Two	M. Pharm
8.	Kinapse	03-05-2012	Three	M. Pharm
9.	Meditrain Pharm.	15-05-2012	For Training	B. Pharm
10.	Abbott Healthcare	23-05-2012	Two	M. Pharm
11.	Novartis Healthcare Hyderabad	31-05-2012	One	M. Pharm
12.	Abbott Healthcare	04-06-2012	Four	B. Pharm
13.	Guardian Pharm. Pvt. Ltd.	20-06-2012	Thirteen	B. Pharm D. Pharm
14.	Aristo Pham. Pvt. Ltd.	11-07-2012	Two	B. Pharm
15.	Win Medicare Pvt. Ltd.	19-07-2012	Two	B. Pharm
16.	Mankind Pvt. Ltd.	25-07-2012	One	B. Pharm
17.	Hamdard Wakf Lab.	27-07-2012	Two	M. Pharm
18.	Walter Bushnell	01-08-2012	One	M. Pharm
19.	AIIMS Delhi	06-08-2012	One	B. Pharm
20.	Religare Wellness	08-08-2012	Four	B. Pharm
		Total	49	

Placement Record 2012-13

Placed = 62

Admission in PhD = 39

Admission in M. Pharm. =75

Admission in B. Pharm. = 17

S. No.	Number of Students Placed	Name of Company / Institution
1.	One	Teaching in DIPSAR
2.	One	Teaching in RB North College UP
3.	One	Teaching
4.	One	Teaching in Banaras University
5.	Three	Ranbaxy Research Lab.
6.	Two	E4E Health care Noida
7.	One	Escorts Heart Center
8.	One	Evalue Served India Ltd.
9.	One	Kynapse
10.	Five	Jubilant Organosis R&D Noida
11.	One	Saudi, Alwah
12.	One	Smart Analytic, Gurgaon
13.	One	Jubentis Pharma. Pvt. Ltd. (mkt)
14.	One	Wokhardt
15.	One	Product Manager Market (Mkt)
16.	Two	Ranbaxy Delhi (mkt)
17.	One	Lupin Pharm. Ltd. (Mkt)
18.	Six	Surya Healthcare Delhi (mkt)
19.	Five	Brain Wave Healthcare Pvt. Ltd. Delhi
20.	One	Dispensing In Bhopal
21.	Six	Pharmacist in Appolo Pharmacy
22.	Nine	Pharmacist in Guardian Lifecare
23.	Six	Pharmacist in Rockland Hospital Saket
24.	Four	Pharmacist in Holly Family
	Total = 62	

Placement Record 2013-14

Placed = 51

Admission in PhD = 17

Admission in M. Pharm. = 50

Admission in B. Pharm. = 20

S. No.	Number of Students Placed	Name of Company / Institution
1.	One	Dolcera Corporation
2.	One	Pharm. Analysis (Govt. Job)
3.	Seven	Wipro Pharmacovigilance
4.	Two	Pharma Associate Haridwar
5.	One	Drug Controller in CDSCO
6.	Two	Ronyd Healthcare Pvt. Ltd.
7.	Four	KINAPS in medical writing
8.	One	Mankind
9.	One	IPC
10.	Three	Fare Labs. Pvt. Ltd. Gurgaon
11.	One	DRA – Raheem Pharma. Pvt. Ltd.
12.	Four	Wipro (mkt)
13.	Four	CadilaPvt. Ltd. (mkt)
14.	Two	Appothecaries Pvt. Ltd.
15.	One	SunPharma Mumbai
16.	Three	FDC (mkt)
17.	Four	Pharmacist Appolo Pharmacy
18.	Five	Pharmacist Sanjog Pharmacy
19.	Three	Pharmacist Guardian Lifecare
20.	One	Pharmacist Max Hospital
	Total = 51	

Placement Record 2014-15

Placed = 49

Admission in PhD =

Admission in M. Pharm. = 37

Admission in B. Pharm. =

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S. No.	Number of Students Placed	Name of Company / Institution
1.	Two	Fresenius Kabi
2.	Six	IMS Healthcare
3.	Three	Yes Pharma. Mumbai
4.	One	CDSCO
5.	Two	Apcer Pharma
6.	Two	Ronyd Healthcare
7.	One	Kinaps
8.	Eight	Eli Lilly Pharma
9.	Six	Abbott Healthcare
10.	Seven	UCB India Ltd.
11.	One	DRA
12.	One	ZS Associate
13.	One	Denual Pharmaceutical Ltd
14.	One	Alsifa Hospital Pharmacist
15.	Two	Aimil Healthcare
16.	One	Max Hospital
17.	One	Pharmacist
18.	One	Marketing
19.	One	Self Employed
	Total = 49	

Placement Record

Year	Placed Students	Admission in PhD	Admission in M. Pharm	Admission in B. Pharm.
2009-10	59	16	49	10
2010-11	64	30	67	23
2011-12	49	13	53	17
2012-13	62	39	75	17
2013-14	51	17	50	20
2014-15	49		37	27

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Ranbaxy Research Lab., Medley Pharmaceuticals Ltd., Dr. Reddy Lab., Jubilant Organosis, Wokhard Pharma Ltd, Dabur Res. Foundation, Arbro Pharma, Nestle Pvt. Ltd., Apser Pharma (MNC), Lark Laboratories Ltd., Indigene Life Sciences Bangalore, Macloid Pharmaceutical Ltd., Tulip Diagnostics Ltd., Lupin Lab. Ltd., Wipro Pharmacovigilance, Religare, Apollo Hospital, Dolcera Corporation, Ronyd Healthcare Pvt. Ltd., KINAPS, IPC, Fare Labs. Pvt. Ltd., Cadila Pvt. Ltd., Apothecaries Pvt. Ltd., SunPharma, Guardian Lifecare, Max Hospital., Brain Wave Healthcare Pvt. Ltd., Rockland Hospital, Surya Healthcare, Evaluate Served India Ltd., Freshness Kabi, IMS Healthcare Ltd., Yes Pharm., Cedisco Pharma, Eli Lilly Pharm., Abbott Healthcare, UCB India Ltd., ZS Associate, Denual Pharmaceutical Ltd., Aimil

PROGRAMMES FOR STUDENTS TRAINING

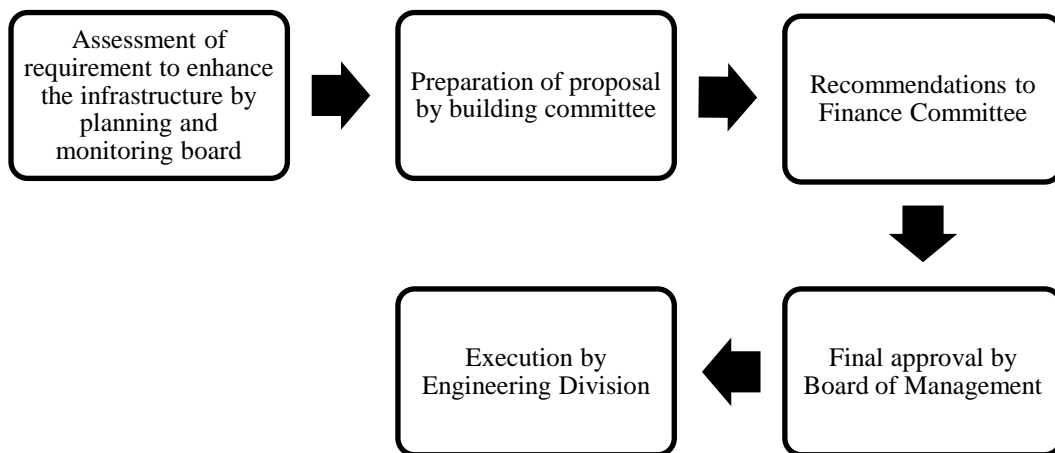
S. No.	Date	Subject
1.	02/09/2014	Professional Development Programme Initiative Series, topic: "Spontaneous Case Processing and industry requirements in the field of Pharmacovigilance" Speaker: Dr. Preeti Verma
2.	02/09/2014	Professional Development Programme Initiative Series, topic: "Communication as a tool for personality development" Speaker: Ms. Zarin Bano
3.	05/09/2014	Career Options in Intellectual Property Rights Domain by Mrs. Sweta Singh, Director, Ennoble IP
4.	25/09/2014	Pharmacist day celebrations- 2014, topic: "Opportunities for Pharmacy students in the field of drug regulatory Affairs" Speakers Dr. Sneha Gupta
5.	25/09/2014	Pharmacist Day Celebrations- 2014, Topic: "Scope of Pharmacy students in clinical Sciences & Trials" Speakers Dr. Amit Marwah
6.	25/09/2014	e-Poster and E-Essay Competition "Access to Pharmacist: Access to Health Care"
7.	29/09/2014	Session on Good Manufacturing Practices (GMS) by Mr. David Spaulding
8.	17/01/2015	Professional Development Programme Initiative Series: One day seminar on 'Innovation in Pharmaceutical Teaching-Learning Environment – New Paradigms'
9.	09/02/2015	Lectures by Dr. Stephen Barton from Kingston University, London, UK

CRITERION IV - INFRASTRUCTURE AND LEARNING RESOURCES

4.1. Physical Facilities

4.1.1. How does the university plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

- University has a planning and monitoring board- a statutory body which conducts regular meetings with regards to the optimal utilization of the resources.
- Adequate funds allocated on yearly basis and planning and monitoring board looks into the newly arising requirements. Building committee prepares the proposal, which are vetted and recommendation goes to finance committee which further sends it to the board of management for final approval.



- Continuous renovations and constructions of buildings as per the requirement and to cater increasing number of students every year for e.g. Arrangement of classes in Archives building for management studies and smart classrooms in library building.
- Maintenance of furniture, buildings and assets with a highly competent maintenance department and workshop including fully equipped store facility etc.

- A multi-storied, multipurpose building has been constructed for the accommodation of students, teaching staff and other staff.
- A state of the art multi-speciality hospital in the campus for the clinical teaching of medical students, paramedical students, health management students and nursing students.



4.1.2. Does the university have a policy for the creation and enhancement of infrastructure in order to promote a good teaching learning environment? If yes, mention a few recent initiatives.

Yes, University has well laid policy for creation and enhancement of infrastructure in order to promote a good teaching learning environment by

- University follows the guidelines of the respective statutory bodies related to various courses (UGC, MCI, AICTE, Pharmacy council, Nursing council etc.)
- Development of 22 smart lecture theatres to conduct the classes.
- Constructions of environment friendly porta cabins for conduction of academic interactions.
- Utilization of audio-visual aids for better understanding.

- Newly constructed multistory residential building.
- New Hospital Block of HAHC Hospital – Multispecialty Hospital.
- Field visits and hands on trainings in various programs.
- Many of the departments have museums showing the chronology of the development in the respective fields.
- Skill Lab (DAKSH)

4.1.3. How does the university create a conducive physical ambience for the faculty in terms of adequate research laboratories computing facilities and allied services?

- A “Research Advisory Committee” is in place to scrutinize research proposals, check plagiarism and promote quality research.
- All faculties and departments are well equipped with modern research laboratories.
- University has an established Computer Centre to take care of IT needs of the research and a DATA centre has been created in computer center.
- Jamia Hamdard is the first university in Delhi to have 100% wi-fi connectivity expanded over entire campus.
- University has access to more than 5000 scientific journals of high impact factor through **UGC-INFONET Digital Library Consortium**.

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UGC-INFONET Digital Library Consortium List of Resources Subscribed for 2013

Jamia Hamdard University

Sl. No.	Resource Name	Resource URL	No. of Journals
1.	American Chemical Society	http://pubs.acs.org/	37
2.	American Institute of Physics	http://journals.aip.org/browse.php	18
3.	American Physical Society	http://publish.aps.org/browse.php	10
4.	Annual Reviews	http://arjournals.annualreviews.org	33
5.	Cambridge University Press	http://journals.cambridge.org/	224
6.	Economic and Political Weekly	http://epw.in/	1
7.	Institute of Physics	http://iopscience.iop.org/journals	46
8.	ISID	http://isid.org.in/	Database
9.	JCCC	http://www.jccc-ugcinfonet.in/	Database
10.	JSTOR	http://www.jstor.org/	2000+
11.	Nature	http://nature.com/	1
12.	Oxford University Press	http://www.oxfordjournals.org	198
13.	Portland Press	http://www.portlandpress.com/	8
14.	Project muse	http://muse.jhu.edu/journals	500+
15.	Royal Society of Chemistry	http://www.rsc.org	29+6 Database
16.	Science Direct (10 Subject Collection)	http://www.sciencedirect.com/	1036
17.	Springer link	http://link.springer.com/	1389+
18.	Taylor & Francis	http://tandfonline.com/	1079
19.	Web of Science	http://apps.isiknowledge.com/	1 Database
20.	Wiley-Blackwell	http://onlinelibrary.wiley.com	908

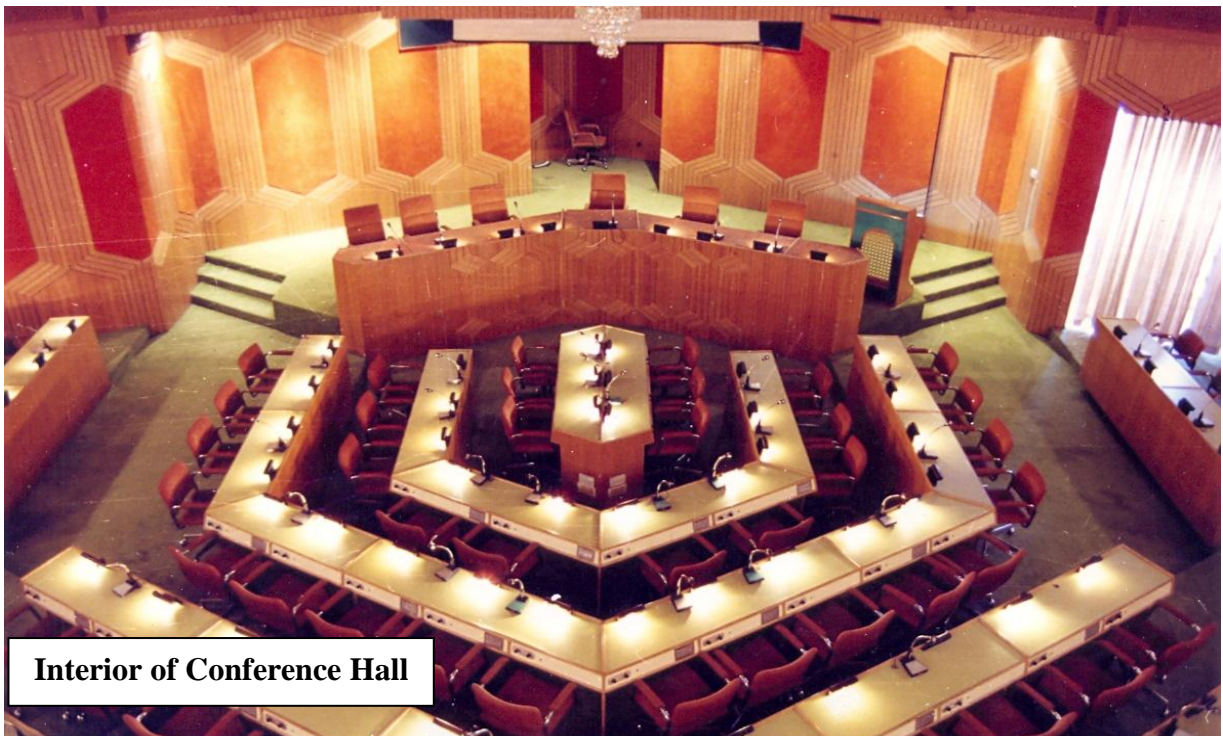
- In addition to grants from various funding agencies like UGC, DBT, DST, ICMR etc., university management also promotes research by providing additional funds.
- University has central animal house facility which follows all ethical guidelines of Committee for Purpose of Control and Supervision of Experiment on Animals (CPCSEA), Ministry of Environment, Forest and Climate changes.



- Jamia Hamdard has well maintained Herbal Garden spread over six acres of land having more than 150 plants species.



- Various computer softwares for the purpose of research, tabulation and simulation are available.
- University has a tastefully designed designated building known as “Convention Centre” to conduct various Conferences, workshops, symposia and seminars on relevant subjects in order to promote quality research. Convention centre has two conference halls, furnished aesthetically and various committee rooms.



- University has a round o'clock power back-up system to provide uninterrupted power supply.
- Dedicated laboratories in the field of Neuropharmacology, Nanomedicine and bioanalytical research and pharmaceutical chemistry have been constructed and run in accordance with GLP's supported with SOPs in place.

4.1.4. Has the university provided all departments with facilities like office room, common room, and separate rooms for women students and staff?

Yes , each faculty has an earmarked area for the purpose.

- Every staff of the university is provided a space as per their rank and seniority with a good care of privacy for female employees.
- Common rooms are available in all the hostels of university (Separate for girls and boys)

4.1.5. How does the university ensure that the infrastructure facilities are disabled friendly?

- The university has constructed lift facility in the administrative block as well as a ramp is also present in the Administrative block
- Ramp facility is also present in all the hostels.
- There are special rooms allotted on the ground floor for disabled students in all the hostels.
- The intangible partner in the execution of the said purpose is the creation of the UGC guided EOC, run proactively.

- Ramp and lift facility is available.

4.1.6. How does the university cater to the requirements of residential students? Give details of capacity of the hostels and occupancy (To be given separately for men and women)

S.No	NAME OF HOSTEL	BOYS GIRLS	CAPACITY	OCCUPANCY(AS ON DEC 31,2015)
01	Anne Marie Schimmel	PG Girls	81	81
02	Ibn-E-Sina	UG /PG Girls	260	260
03	AMHR new girls	UG/PG Girls	420	420
04	Ibne- Batoota	Boys	280	280
05	Jawaharlal International Hostel	NRI Boys	230	230
06	RFN hostel	Nursing girls /Staff	186	186

- Each of the hostel having mess facility to cater the dinning services to the students. Dinning halls are well furnished. Food is served in hygienic conditions. RO plants are attached to water coolers to supply safe drinking water.





4.1.7. Does the university offer medical facilities for its students and teaching and non teaching staff living on campus?


- The university has made Health Booklet which is given to all staff, their dependent spouse and children to avail health benefit through a world class state of the art hospital named HAHC Hospital. Students are also entitled to health facility on

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producing their ID cards. Besides this university is also on panel of some hospitals to facilitate the health care of the staff residing at distant places (at CGHS rates).

HEALTH BOOKLET NO...3928...

JAMIA HAMDARD
HAMDARD NAGAR, NEW DELHI-110062



Health Booklet

A. Name of the Employee...*Dr. Faeem Ahmed*
(In Capital Letters)
Designation...*Medical Officer (Lecturer)*
Department...*Community Medicine, P.I.M.S.R*
Pay Scale...*15600-39100 + G.P.Rs. 5400*
Basic Pay...*16230.1*
Local Address...*RZ 3287/37, Third Floor
Tughlakabad Extn. N. Delhi - 19*

B. Name of Family Member...*Mrs. Sameena Bano*
Relationship with the Employee...*Wife*
Date of Birth...*15-04-1976* Gender...*F*

C. Entitlement of Ward.....

Faeem
Signature of Employee

[Signature]
Signature of Registrar
A
19.10.11

SAMPLE HEALTH BOOKLET

4.1.8. What special facilities are available on campus to promote students interest in sports and cultural /events activities?

a. Sports

- Multi Gymnasium: State of the Art Gym with well-equipped modern machines.
- Indoor Facilities: Table tennis and badminton court.

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- University has a Director of sports besides this, there are faculty coordinators and trained coaches to facilitate the sports activities.
- Auditoriums and theatres
- Outdoor Facilities: Badminton Court, Grand Cricket Ground(sports TURF) with day and night playing facility, football ground volley ball court and Basket Ball court in sports complex.
- University organizes various sports and cultural events annually (University sports and cultural week, NERDZ, Rx etc.)
- University has conducted north zone and intervarsity women’s basketball tournament in 2015.

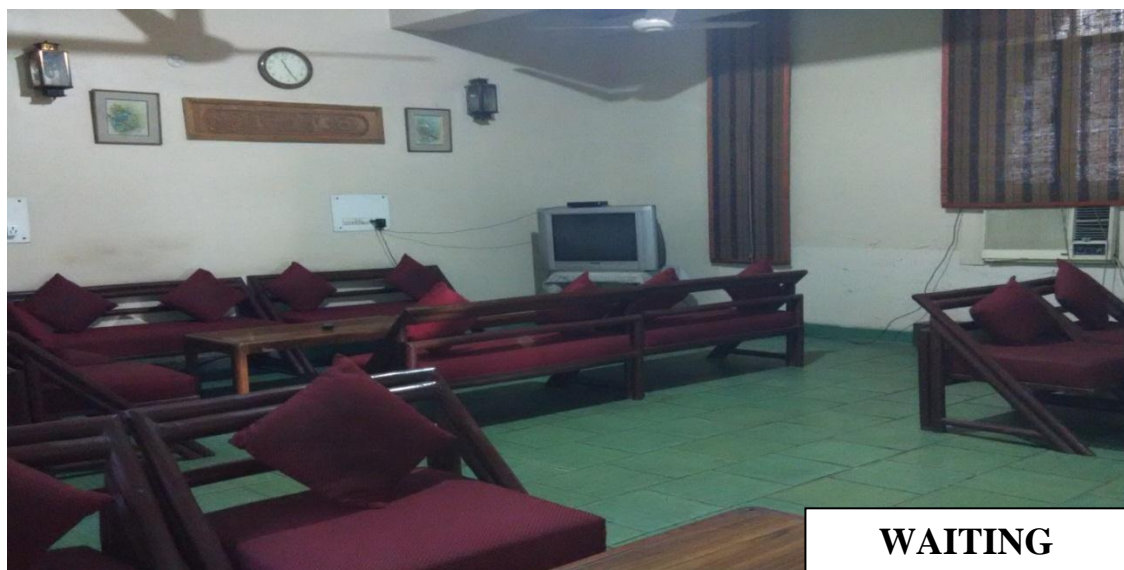




B. SCHOLARS HOUSE

A community hub for dining and guest accommodation at the university is its major attraction. A fine dining facility within the campus also exists. The Scholars house is responsible for all large and small scale caterings for academic functions, conferences, seminars etc.





WAITING



DINING HALL



4.2. Library as a Learning Resource

Hakim Mohammad Said (HMS) Central Library





4.2.1. Does the library have an advisory committee? Specify the composition of the committee. What significant initiatives have been taken by the committee to render the library student/user friendly?

Yes. There is a library committee with the university librarian as the ex-officio secretary. The library committee consists of the following members:

Mr. M. Shoaib, University Librarian	Ex-officio secretary
Prof. Moin Uddin, Dean, Faculty Engineering and Technology	Chairman, Library Committee
Prof. M. Sarwar Alam, Dean, Faculty of Science	Member
Prof. Asgar Ali, Dean, Faculty of Pharmacy	Member
Prof. Mohammad Miyan, Dean, Faculty of Management	Member
Prof. Junaid Siddiqui, Dean, Faculty of Unani Medicine	Member
Prof. Mohammad Miyan, Dean Faculty of Social Sciences and Humanities	Member
Prof. M. Sarwar Alam, Dean, Faculty of Interdisciplinary Sciences and Technology	Member
Prof. M.Y. Kharadi, Dean, Hamdard Institute of Medical Sciences and Research	Member
Dr. Firdous Ahmad Wani, Registrar	Member
Mr. M. Zargar, Finance Officer	Member

The students are dealt with compulsory library attendance system *viz.*, every student must be present in the library premises for an hour or two daily and sign in the attendance register. By this way, the newly joined students are exposed to the library culture. The students may go on their own to the library or shuttling services from the respective departments to the library are also available. Furthermore, the students are given Wi-Fi login and password so that they can log on to the library resources day and night without any limit.

Wi-Fi facility has been extended to entire campus. The library as well as the electronic journals/literature are at the student's disposal now. The University subscribes to Scifinder Scholar (Chemical Abstract Service) of the American Chemical Society and literature survey for the Science and Pharmacy students has been made possible at Jamia Hamdard.

The following major initiatives have been undertaken to render the library user friendly:

- i. Decision to extend the library hour.
- ii. Decision to renew the membership with DELNET to facilitate inter-library loan to students and scholars.
- iii. Direction to provide electronic supports to students and academic community; for example providing e-links to various other knowledge databases/websites on the library webpage; purchase of J-Gate plus, Sci-Finder, Scopus, etc.
- iv. Emphasis on developing digital products by identifying valuable knowledge resources in the library collection; for example digitization of 46 rare printed books and uploading the same under the head 'JHDL' (i.e. Jamia Hamdard Digital Library) and managing the content through Dspace open source software.
- v. Advocacy of proactive association with the various web based knowledge initiatives launched by Inflibnet from time to time; such as the Shodhganga, the INdcat, the anti-plagiarism software Urkund.
- vi. Acquiring new and better library furniture to facilitate continuous and comfortable seating in the library.

4.2.2. Provide details of the following

Area (in sq. fts.)	Seating capacity	Working hours	Reading carrels	Lounge area	IT Zone
176165	700	Monday to Friday- 9AM to 8 PM (winter); 8.30 AM to 8PM (summer)	08	Present	Present

Periodicals section



Periodicals Section



Periodicals Section



Periodicals Section



List of Library staff with their qualifications

S. No.	NAME	DESIGNATION	QUALIFICATION	LOCATION
1	Mr. Mohammed Shoaib	Univ. Librarian	BSc., MLIS	Central Library
2	Dr. Tanweer Shahab	Assistant Librarian	PhD (Arabic), BLIS	Central Library
3	Mr. Mirza Zahir Beg	Assistant Librarian	MA, BLIS	Central Library
4	Ms. TasneemKhatoon	Professional Assistant	MA. M.Phil (LIS)	HIMSR
5	Ms. Nuzhat Ayyub Siddiqui	Professional Assistant	MA. MLIS	Central Library
6	Mr. Mufti Suleman Zafar Qasmi	Professional Assistant	MA. C. Lib.	F/o Medicine
7	Mr. Zaman Aleem	Professional Assistant	MA. M.Phil (LIS)	Central Library
8	Mr. Asad Husain Siddiqui	Professional Assistant	MSc. MLIS. PGDLAN	HIMSR
9	Mr. Qamrul Hasan	Semi Professional Assistant	MA, C. Lib.	F/O Medicine
10	Mr. ShimailHafeez	Semi Professional Assistant	MSW, MLIS	F/O Pharmacy
11	Mr. MD. Faruque	Semi Professional Assistant	MA, MLIS, Net qualified	Central Library
12	Ms. Salma	Semi Professional Assistant	MA, MLIS	Central Library
13	Mr. Rehan Beg	Section Officer	BA	Central Library
14	Ms. Shamim Mufti	Senior Assistant	10 th	Central Library

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15	Ms. ShaheenAnjum	Assistant	MA	Central Library
16	Mr. MarghoobAlam	Binder	10 th .	Central Library
17	Mr. Idul Hasan	Library Attendant	5 th .	Central Library
18	Mr. Gir Bahadur	Library Attendant	12 th .	Central Library
19	Mr. Shamshad A. Khan	Library Attendant	10 th ., C. Lib.	F/O Pharmacy
20	Mr. Bhopal Singh	Library Attendant	BA, BLIS	F/o Medicine
21	Mr. RN Singh	Library Attendant	BA, BLIS	
22	Mr. Hashim	Library Attendant	BA, BLIS	F/o MIT
23	Mr.Mohd. Mustaqeem	Library Attendant	12 th , C. Lib.	Central Library
24	Mr. Shamim Akhtar	Library Attendant	BA	Central Library
25	Mr. Salahuddin Hashmi	Library Attendant	10th	Central Library
26	Mr. Salman Akhtar	Library Attendant	5 th	Central Library
27	Mr. Ashok Kumar Malik	Library Attendant	12th	Central Library
28	Mr. Ahmad Hasan	Office Attendant	Adeeb, equivalent to Intermediate	Central Library

4.2.3. Give details of library holdings

- a) Print (books, back volumes, theses and unaccessioned texts): 1,95,792
- b) Average number of books added during the last three years: 215
- c) Non print (Microfiche, AV): 1618 (CD-ROMs)

d) Electronic (e-books, e-journals): Subscription to J-Gate plus, Sci-Finder, Scopus, Indian Journals.com; besides membership to UGC-INFONET consortium, links to NIC databases, free digital libraries and other open databases/e-resources.

e) Special collections: (including Malik Ram collection, Nazirya collection and Mufti collection)

Textbooks: 7805

Reference books: 1508

Books in the Book Bank section: 6030

Manuscripts: 3700

Books (excluding manuscripts): 1,58,834

Journals: 150

E-Journals: Four databases viz., J-Gate plus, Sci-Finder, Scopus, Indian Journals.com have been subscribed. Membership to UGC-INFONET consortium, links to NIC databases, free digital libraries and other open databases/e-resources, etc. The e-journals available with these databases can be accessed.

Theses: 640 (441 uploaded to Shodhganga)

4.2.4 What tools does the library deploy to provide access to the collection?

Computerization of the various aspects of the Jamia Hamdard Library was initiated in 2004 powered by Libsys ILMs. All books, including those in the scheduled Indian languages are entered in the library database. All users are provided bar-coded IDs. Users can learn the availability of reading materials/books from the OPAC as well as their loan status.

4.2.5 To what extent is ICT deployed in the library? Give details with regard to:

Jamia Hamdard is fully committed to put ICT to the best use for scholarly purposes. The university campus is fully networked with LAN facility (OFC). Additionally, Wi-Fi has been made available with users having the password to access web on the move

from any point in the campus. The availability of web access round the clock has empowered the students/scholars to enrich their knowledge with most up-to-date and advanced critical information from the Google Scholar, ResearchGate, etc. The HMS Central library has undertaken to create digital products by identifying important collections. At present one rare collection consisting of 46 books has been digitized and uploaded which can be accessed with the Dspace, the document management software.

4.2.6. Details (per month) with regard to the following:

Required information	Central Library	Other Libraries			
		F/O Medicine* (Unani)	F/O Nursing*	F/O Pharmacy	HIMSR
Average number of walk-ins	1539	635	773	1210	660
Average number of books issued/returned	1294	490	650	815	616
Ratio of library books to students enrolled	35				
Average number of books added during the last four years	1811				
Average number of login to OPAC	150 per month				
Average number of e-resources	100 per month				

downloaded	
Number of IT literacy trainings organized	<p>Eight student orientation programs were arranged.</p> <p>Four data base awareness programs were organized for scholars and academic members.</p> <p>Two Shodhganga related programs were organized involving library staff as well as the scholars. Additionally, library staff are facilitated to participate in literacy/training programs concerned with ICT implementation in the sphere of library services.</p> <p>Occasionally selected faculty members students are invited to attend Book Fair organized by various publishers in PragatiMaidan, New Delhi and books of interest are recommended to the library.</p>

*Manual data processing in both libraries at present.

4.2.7. Give details of specialized services provided by the library with regard to:

- **Manuscripts-** All manuscripts have been digitized as part of the National Mission for Manuscripts (NMM) project. The process of uploading is delayed on account of non-availability of experts in the Arabic/Persian languages. However, decision has been taken in-principle to involve library staff to prepare metadata and upload manuscripts gradually. The library has got 200 manuscripts physically restored and archival bound out of the project sanctioned by the National Archives of India.
- **Reference:** Library has well qualified staff to provide ready reference as well as long-range services on demand.
- **Reprography/Scanning:** Whereas the students’ related works of photocopying has been outsourced to a firm located on the library premise, the library has purchased one over head scanner out of the Shodhganga ETD project (besides an earlier flat bed scanner) to carry-on scanning of needful documents in-house.

- **Inter-library Loan Service:** The library has entered into an annual institutional membership with DELNET to facilitate ILLS to its users. On an average, five books per month are provided by Jamia Hamdard on ILLS to Delnet. Mostly social sciences/humanities books are borrowed on ILLS through Delnet by Jamia Hamdard.
- **Information Deployment and Notification:** The library has commissioned one e-link captioned ‘Library communicates’ which is a window to inform the library users regarding recent notifications/circulars of their interest.
- **OPAC:** The library has the web-OPAC facility which can be accessed anytime from anywhere to get information about the library materials.
- **Internet Access:** Round the clock broadband as well as Wi-Fi connectivity is offered to the university fraternity. The library has acquired ten computers to develop an e-resource centre to facilitate dedicated web search and download facilities.
- **Downloads:** Students are allowed to download the full PDF version as well as abstracts of the subscribed articles from wherever available.
- **Printouts:** Printers are not available at the user domain. But the user can download a soft copy and get it printed from a private vendor available in the second floor of the library building.
- **Reading list/Bibliography compilation-** Topical bibliographies and reading lists are prepared in-house by library staff on demand.
- **In-house/remote access to e-resources-** At present only campus wide internet access to e-resources are allowed. Steps have been initiated to extend IP based e-resources to the academic fraternity through remote log-in facility.
- **User orientation:** The library provides library orientation to newly admitted batches of students as well as periodic orientation is conducted whenever any new database/e-resource has to be acquired. Orientation

about the implication of new web tools (e.g. anti-plagiarism tools) is also provided through online discussion forums.

- **Assistance in searching databases:** The library is quite alert about the need for helping the users to learn using the various databases, the different search methodologies, to help them to identify the various icons which are prefixed to fully downloadable items.
- **INFLIBNET/DELNET/HELINET-** The library is actively pursuing its mutually useful membership with Inflibnet and Delnet. The library has been able to get handsome financial grants under the Shodhganga project. Already back-files of 330 doctoral theses have been digitized and uploaded to the Shodhganga ETD database. The process of establishing a full-fledged ETD laboratory is underway.

4.2.8. Provide details of the annual library budget and the amount spent for purchasing new books and journals

Table 1: Expenditure on purchase of books

Year	Expenditure (in Rs.)
2010-11	15,50,776
2011-12	21,33,640
2012-13	13,78,947
2013-14	70,37,185
2014-15	15,72,267
2015-16	16,23,302

Table 2: Expenditure on purchase of Journals

Year	Expenditure
2010-11	11,17,948
2011-12	7,46,569
2012-13	5,68,025
2013-14	19,68,684
2014-15	12,25,000
2015-16	11,91,754

4.2.9. What initiatives has the University taken to make the library a “happening place “ on campus?

Important and rare books are kept in the reference section and have to be read/referred in the library. The foremost feature added to the library is the provision of round the clock Wi-Fi access which has made users to flock to the library. The Central library organizes periodic book exhibitions on different themes. Another feature to be put up shortly into operation is the commissioning of the well endowed e-resource cell.

4.2.10. What are the strategies used by the library to collect feedback from its users? How is the feedback analysed and used for the improvement of the library services?

The users are encouraged to interact directly with the library officials. Suggestion boxes are provided on both floors as well as faculty libraries; these suggestions are periodically discussed by the university librarian with senior library staff and adequate redressal measures/improvements wherever required are being done. The extension of library hours, to expedite book processing, acceding to ILL request are some of the students’ related areas where improvements have been made.

4.2.11. List the efforts made towards the infrastructural development of the library in the last four years.

The library management is actively looking to outside agencies for financial supports as well as projects on turn-key basis. We have been fortunate to get project grants from NMM, NAI as well UGC on Shodhganga recommendation. Assets such as one fumigation chamber, two window air-conditioners, and one over head scanner have been procured out of these budget heads during the last four years. All of the manuscripts have been scanned, physically preserved through lamination and archival binding. The setting-up of ETY lab is under progress. Already 441 PhD theses have been digitized as per Shodhganga specifications and uploaded.

4.3. IT Infrastructure

4.3.1. Does the university have a comprehensive IT policy with regard to :

- The University IT Policy is in place. The IT Strategy drives the Way University is investing in the Information and Communication Technology Solutions. It also drives the way University manages different pillars of IT solutions and data privacy. It enables to adopt right technology and to achieve IT Service excellence.

● IT Service Management –

We are using different levels of IT Service Management viz:

- 24*7 Helpdesk available for Network Monitoring and Management.
- 24*7 Helpdesk available for Service desk.
- Dedicated Helpdesk available for call logging and resolution.
- Dedicated team of 5 Engineers available for Desktop side.
- Dedicated team of 3 Engineers available for Network Support and troubleshooting side.
- Dedicated team of 2 System Analysts and one Networking Asst. available for Data Center management side.

- Dedicated team of two System Analysts available for Software management side.
- Online tool and Phone available for ticket logging and resolution.

- **Information Security**

- Jamia Hamdard uses state of start Information Security solution. We have layered architecture in place to secure our digital data and Access to our IT Infrastructure. Our Network is based on domain authentication from user computing side with best in class Centralized AV solution. We use Unified Threat Management System for Secure access to Network. There is converged solution in which multiple devices are used. The solution is implemented in a way that user is authenticated by UTM followed by NAC profiling. Jamia Hamdard has Application firewall in place that gives it visibility on application traffic moving in and out of our Network. Our Intrusion Prevention System, Gateway Anti-Virus/Anti-Spyware, Gateway Anti-Spam, Web & Content Filtering and Outbound Spam Protection protect us against newly evolving threats. Hardware firewall offers stateful and deep packet inspection for network, application and user identity-based security. The Technology used allows policy creation for multiple security features through single firewall interface, blending security, connectivity and productivity benefits for networks. Jamia Hamdard has implemented Web application firewall and web filtering solution as well.

- **Network Security**

Jamia Hamdard has following Network Security Elements in place for secure Network:

- User id and password based authentication on accessing web resources.
- Gateway and controller based access management in place.
- Stateful Inspection firewall
- Guest life cycle and AAA Server in place.
- Intrusion Prevention System.

- Gateway based Anti Spam and Anti Virus System.
- Logging and Monitoring system.
- On Appliance Compliance and reporting.
- VPN using encryption, SSL etc.

- **Risk Management**

Jamia Hamdard has ensured to migrate Risks by using proper risk management solutions as follows:

- N+1 Architecture on Wireless Controller for Wi-Fi.
- N+1 Architecture on EPABX with Geo Redundancy.
- N-1 Architecture for Servers.
- Different Routes for Physical Fiber Networks for continuous access.
- N+1 Architecture for Core Switching at Centralized Data Center.
- Limited Backup for DC Setup for Geo-Redundancy.
- N+1 Architecture of Online UPS system for Centralized Data Center.

- **Software Asset Management**

- Jamia Hamdard has implemented Cisco Prime Solution for Software Asset Management. This offers comprehensive lifecycle management of wired/wireless access, campus, and branch networks, rich visibility into end-user connectivity, and application performance assurance.

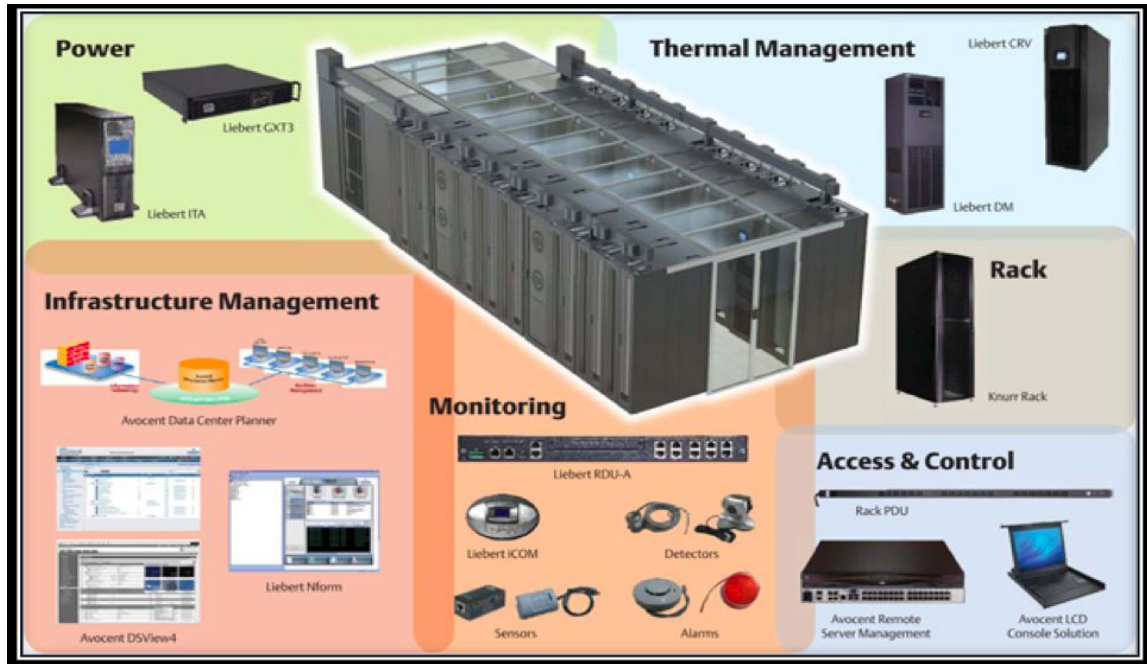
- **Open Source Resources**

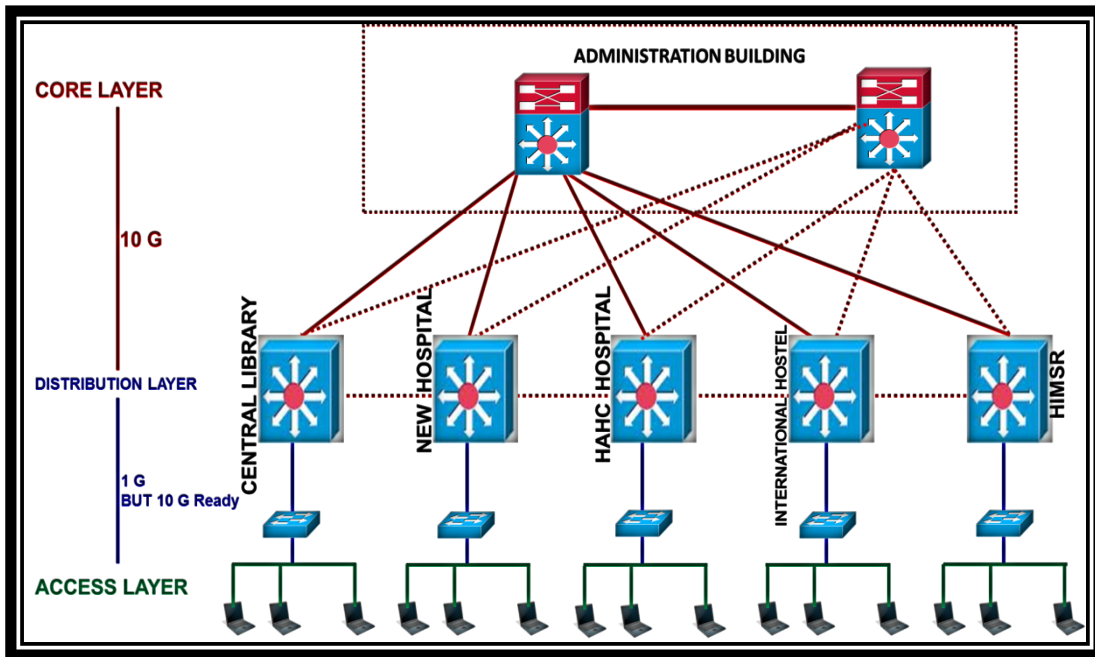
- Jamia Hamdard uses various Open Source Softwares. Jamia Hamdard uses Linux Platform to run several of its internal services. Jamia Hamdard Website is based on open Source platform.

- Jamia Hamdard encourages Open Source Programming for skill development in students.
- Jamia Hamdard gives its students and teachers access to Open Source Online to explore the latest innovations and trends in Technology.
- Jamia Hamdard further enables various seminar, workshops on open source technologies.
- **Green Computing**
 - Jamia Hamdard has adopted Virtualization by reducing the no of Servers from 25 to 8. This helps in reduction of Servers and thereby reducing more Carbon emissions.
 - The Server Platform has virtualized enabling to host a Virtual Cloud and also give on the fly computing resources as and when required. Virtualization layer has helped in cost saving e.g OEM Software Licenses, hardware requirements. Advance research Labs if University intends to setup for Engineering, physics, Microbiology, drug discovery etc requires High Computing power which can be achieved by the Virtualization Setup with ease.
 - Jamia Hamdard has adopted Thin Client Technology for its various Lab Computing Facilities that are less Electric Power hungry and thereby help to add value to Green Computing and environment.
 - The Data Center setup at Jamia Hamdard is reliable, scalable and secure. Jamia Hamdard had planned and executed the implementation of proper Tier 3 Data Center with appropriate Fire Suppression system, rodent repellent system, proper PAC Systems, Surveillance. with appropriate Power backup. The Virtualization Layer adds to Green and Sustainable model for Data Center Setup at Jamia Hamdard.
 - Instead of Complete Build, Jamia Hamdard has adopted Smart Data Center Technologies. Our Smart Data Center has Temperature and humidity sensor as well as front and rear door sensors for increased visibility.

- The RDU's deployed at our Data Center allows us to see predefined thresholds, detect and be notified of critical conditions within the DC room and individual rack level such as temperature and humidity irregularities, Export historical data and analyze for trends to help avoid the same issues in the future.
- Cutting-edge technology allows each of the components of our Data Center precision AC's to save energy while delivering the cooling performance that data centers need today making it Greener.
- The infrared and the electrode boiler humidifier are two efficient options made available.
- Our Data Center used Optimized for R410A Refrigerant and Copeland Digital Scroll Technology the best solution in terms of variable cooling capacity and Precise control of Room Temperature thanks to Digital Scroll, EC Fan to optimize the air flow distribution
- Our Data Center uses On-line design means zero transfer time from external to internal power. When utility power fails, our critical load remains supported by a seamless flow of power. Its rated output power factor of 0.9 better matches up with switch-mode power supplies used in today's IT equipment. A higher output power factor allows for a more efficient utilization of the UPS, which is in place at Jamia Hamdard University.

Following diagrams show some of the features of the Smart Racks being used in our Smart Data Center:





4.3.2. Give details of the university’s computing facilities i.e., hardware and software

- Number of systems with individual configurations- The University has contemporary and up-to-date computer facilities. The University Computer Center is having 300 Multimedia Computers in Lab with several Printers and scanners in place.
- Internet connection facility: Campus wide LAN & Campus Wide WAN with 1 Gigabit of leased line from National Knowledge Network and 20 mbps leased line from a private operator as backup option)
- Computer Student ratio-1:4

4.3.3. What are the instructional plans and strategies for deploying and upgrading?

- Jamia Hamdard intends to upgrade its Server infrastructure to support high computational power for on the fly resources.
- Jamia Hamdard intends to build a BYOD based Virtual Desktop computing to cater to Green and Sustainable model for end user computing with security in place.
- Jamia Hamdard has so far implemented approximately 150 CCTV Camers across different areas in campus and 5 no’s of High End Camers for outside area monitoring. Jamia Hamdard intends to increase its reach of CCTV surveillance.

- University arranges workshops and seminars to update IT skills of teaching and non-teaching staff of the University on the regular basis and at times when special requirements are felt.

4.3.4. Give details on access to on-line teaching and learning resources and other knowledge and information database/packages provided to the staff and students for quality teaching, learning and research.

Answer__ Since University has good internet penetration so students and faculty members use various online programs like -

- GOI sponsors NPTEL portal,
- COURSERA,
- EDX,
- UDEMY.
- Links of these portals are given on our University website
- MIT Online Video material available
- All online content via Youtube and other resources available to students and teachers.
- (Update all Library related links here)

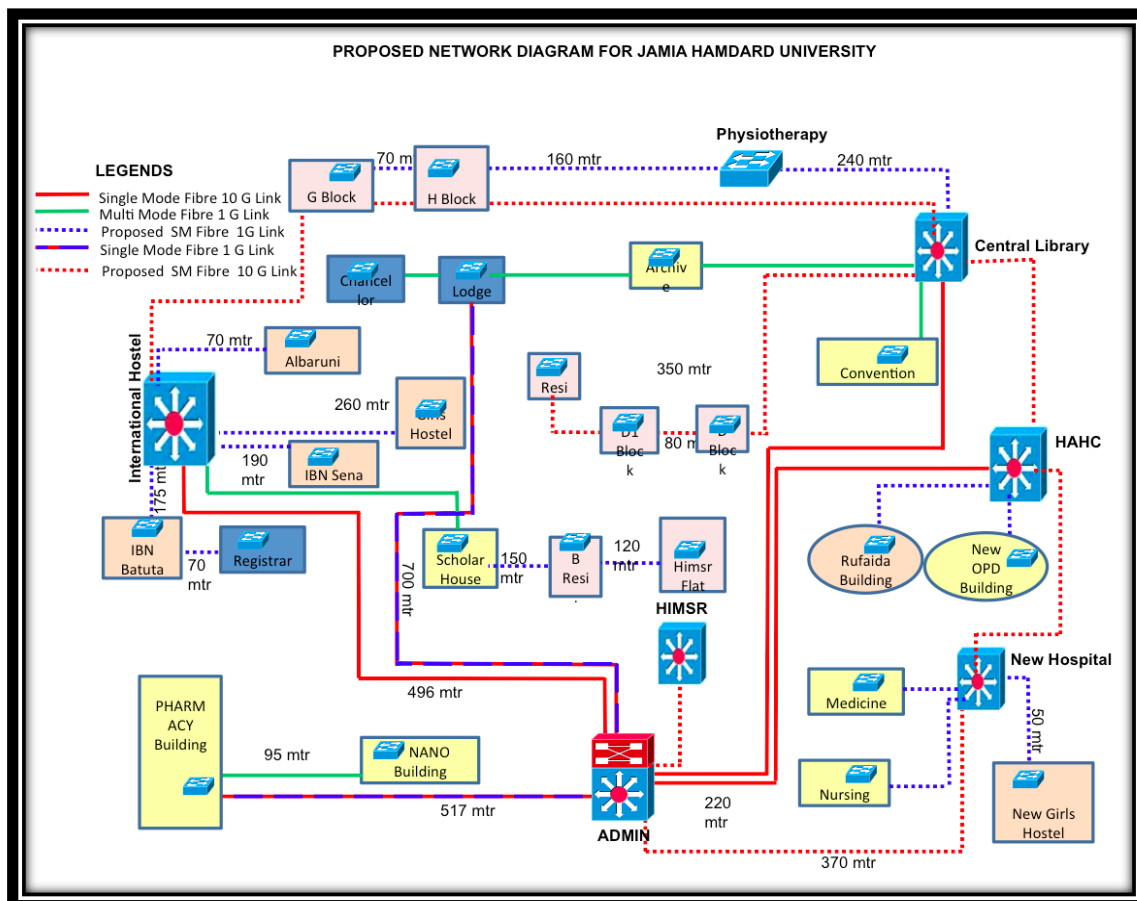
4.3.5. What are the new technologies deployed by the university in enhancing student learning and evaluation during the last four years and how do they need meet new/future challenges?

During last four years following activities have been undertaken –

- Entire campus has been made Wi-Fi to enable students to access knowledge portals anywhere anytime.
- 26 new state of the art smart classes have been added in the last four years.
- Online portal to enter exam data far faster and accurate exam results.
- Smart Data Center has been implemented to support uninterrupted IT Services.

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- Core and Distribution Switch revamp that enables us to have high traffic movement in our Network and take actual benefits of NKN High Speed network.
- All Buildings of Campus have been connected on 1/1/40G Supported Optical Fiber Network to enable high-speed connectivity to the students.
- CCTV Surveillance has been implemented to contain ragging and other incidents.
- ERP Solution implementation has been adopted.
- Biometric attendance system has been adopted.



It is worthwhile to mention that a complete Creating a Next-Generation Wireless Campus Case Study of Jamia Hamdard has been published by Cisco Systems on their website and can be accessed at http://www.cisco.com/c/dam/assets/global/IN/casestudy/jamia_case_study_final.pdf

4.3.6. What are the IT facilities available to individual teachers for effective and quality research?

Following IT facilities available to individual teachers for effective and quality research -

- Computers, thin-clients, laptops
- Local Area Network
- Wi-Fi campus
- High speed 1 Gbps NKN Primary Internet Connectivity and 20 Mbps Backup Internet Link for access to all online resources.
- Analytical tools (like SPSS) are procured by the University for research work.
- University has procured online journals and databases
- Every teacher and research scholar is given official E-Mail Id on Jamia Hamdard Domain.
- Authentication code to access internet.
- Access to Smart Classes, Lecture Recording Solutions is available.

4.3.7. Give details of ICT-enabled classrooms/learning spaces available within the university? How are they utilized for enhancing the quality of teaching and learning?

Various ICT- enabled classrooms/learning spaces available within the university are as under:

- Addition of 26 new smart classes,
- Interactive boards in various classrooms,
- Overhead Short Throw Interactive projectors.
- Digital podiums with interactive screens.
- Data Visualizers.
- Internet enabled classrooms
- State of Art Auditoriums with all Audio/Visual and Digital Podium in place.

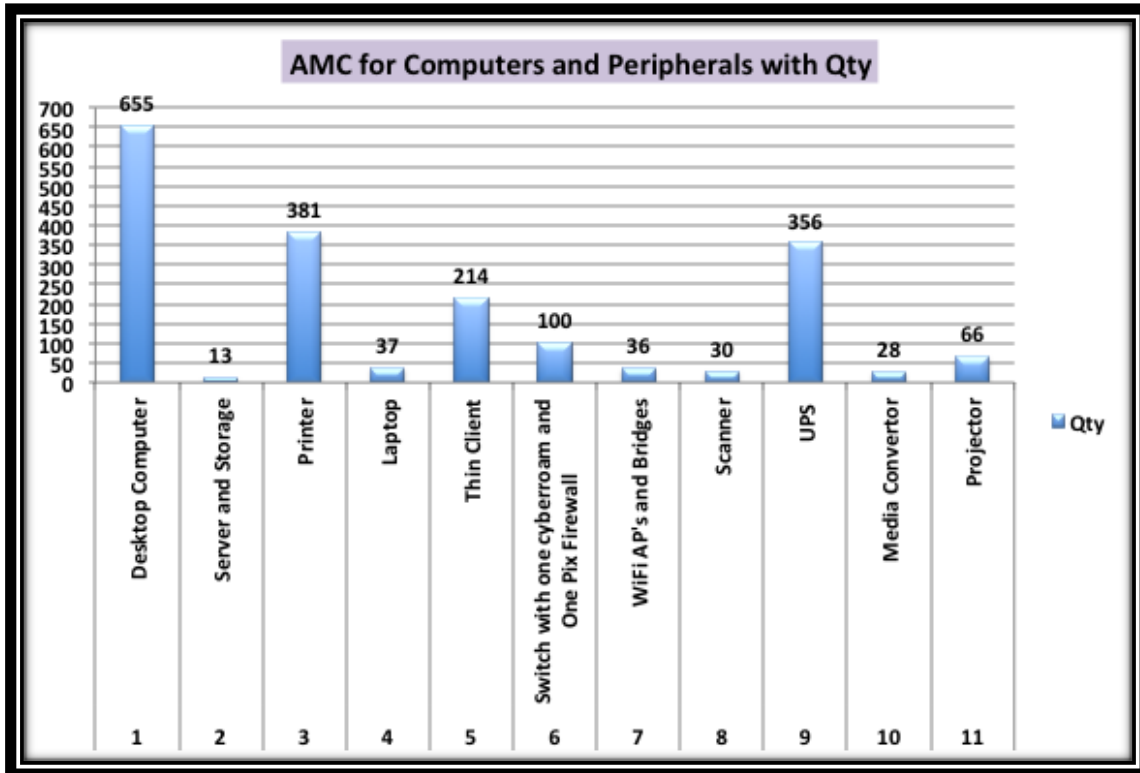
These facilities are utilized by teachers for sharing online resources with students and also to access multimedia content and information, which is used for teaching students more effectively. Teachers use all interactive modules like videos and presentations, which enhances the quality of teaching and learning.

4.3.8. How are the faculty assisted in preparing computer-aided teaching-learning materials? What are the facilities available in the university for such initiatives?

- Since Computerization was done in Jamia Hamdard very early (in late nineties) so most of the teaching and nonteaching staff is very well versed with IT skills. Entire University campus is Wi-Fi enabled. Thus Teachers can access information anytime and are well equipped in using it in classroom teaching. Still, if some help is required University has a full-fledged, well equipped Computer Centre, so any member of the University can avail its resources.
- There are various Smart Classes.
- Few of the smart classes are incorporated with Virtual classes and Video Conferencing.
- Few Classrooms are loaded with Classroom recording solution, which enable us to have digital Lectures.

4.3.9. How are the computers and accessories maintained?

- The computers and accessories of University are maintained through Computer Centre. “Annual Maintenance Contract”(AMC) is also awarded for upkeep and replacement of accessories and computers. Below is a high level Snapshot of the inventory:



- Besides the above, we have large number of Information Technology devices and large no of computers and peripherals in warranty e.g. more than 100 Computer's and 100 Printers over and above the data shown in graph are in warranty. Besides we have close to 324 Wireless Access Points, 59 Access Layer Switches, 2 Cisco Nexus series Switches, 2 Cisco Distribution Switches, Cisco AAA Server in High availibity, Wireless Controller in High availability, Cyberroam UTM, Cisco Prime, Alcatel IP based EPABX, Emerson Smart Data Center which are in warranty.

4.3.10. Does the university avail of the “National Knowledge Network” connectivity / If so, what are the services availed of?

- Yes, the University avails the “National Knowledge Network” connectivity having bandwidth of 1 Gpbs. This enables us to be a part of NKN initiatives like online education resources, Sharing of online resources via NKN.

4.3.11. Does the university avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?

- ”Yes”, these web resources are available in the University campus. We have giving unlimited download access for students and teachers to utilize the online web resources.

4.3.12. Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the university.

- Annual budget meetings takes between Finance Department and Computer Centre before deciding budget for the next year. Regular budget under IT head is approx.Rs.25 lakhs. For any other project there is provision for special grants which may be in Crores.

4.3.13. What plans have been envisioned for the gradual transfer of teaching and learning from closed university information network to open environment?

- Open lectures from NPTEL and other educational consortium portals are encouraged and are being used by faculty members and students.
- University has provisioned for various virtual classrooms with Video Conferencing facility that enables it to be connected to various other institutions.
- University has implemented Classroom recording solution in few classrooms that enables Jamia Hamdard to have Digital Repository of online Lectures.
- University envisages to have more real-time streaming solutions so as to have many students across the globe and our MOU institutions to take advantage of our expert Lectures.

4.4. Maintenance of Campus Facilities

4.4.1. Does the university have an estate office/designated officer for overseeing the maintenance of buildings, class-rooms and laboratories? If Yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

- The university has a separate department called as Estate office which caters to the need of the universities accommodation (Shifting and relocation) and work places their maintenance also flora and fauna of the university.
 - Horticulture activities
 - Solar heating
 - Water recycling
 - Water Harvesting
 - 7th floor suites at D block for university.

Solar Water Heater





Effluent Treatment Plant



Overview



Tank - 1



Tank-2



Tank - 3

4.4.2. How are the infrastructure facilities services and equipments maintained? Give details

- University has a full flagged Estate Department manned with 3 civil engineers, 3 electrical engineers, mechanical engineers and technician staff to take care of buildings and other infrastructure.
- University has a specialized computer center for the purpose of good care of IT infrastructure of the university.
- All the faculties and departments as well as residential areas of the university are equipped with wi-fi facility.

Any other information regarding infrastructure and learning resources which the university would like to include.

University Creche :

Two dedicated full houses of approx. 70 sq. yards each (2BHK) have been converted into Day Care Centre for the children of employees along with a big lawn and a children park. A supervisor and 3 care takers (all females) have been appointed in Day care centre to take care of children who are under direct supervision of I/C Day Care Center who is always a permanent faculty of university.



AC Bedroom in Day Care



Bunk Bed in Day Care



Kitchen of Day Care

Cafeteria and Canteens:

- University has eight cafeteria/canteens which are strategically located in the vicinity of different faculties to cater refreshment and dining services to students, staff and visitors. These cafeteria/canteens are run by reputed agencies e.g. V Kitchen.



CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1. Student Mentoring and Support

5.1.1. Does the university have a system for student support and mentoring? If yes, what are its structural and functional characteristics?

Yes, the university has a well-structured support system for students in different faculties. The mentorship is managed by Deans of Faculties through seminars, special lectures etc. On the university level, the Dean Students Welfare, Secretary, Cultural Activities and Director, Sports interact with students regularly and provide support for different facets of their all-round development, as detailed below. Students' representatives interact with authorities for redressal of their problems and to provide additional facilities etc. Special lectures by eminent scientists, researchers and intellectuals are organized for the student community. Following are the duties and responsibilities of various committees:

Student activity	Mentorship/ support
Information about Admission	Help Desk
Admission process	Deans of Faculties & Student Counseling Cell
Academics	Duties assigned by Heads of concerned departments to faculty members
Special aid to slow learners	Deans/ Heads of Departments/ Faculties
Support for international students	Foreign Students Advisor & International Students Cell
Facilities for Residential Students	Provost
Student aid fund for meritorious and needy students	DSW
Scholarships for M.Sc./ PhD. students	DSW, IQAC and Finance Section
Book loan facility	Library
Sports	Director, Sports
Cultural & extra-curricular activities	Director, Sports, Literary & Cultural Secretary, NSS & NCC coordinators
Information regarding various national/	IQAC

international fellowships for Research Scholars	
Safety and discipline-related issues	Proctor
Health-related issues	Hakeem Abdul Hameed Centenary Hospital and Majeedia Hospital, Jamia Hamdard
Student grievances	DSW & Grievance Committee
Other issues related to students	Student Representatives' Councils

1. Dean Students Welfare looks after the general welfare of students pertaining to academics, scholarships, sports and extracurricular activities, discipline and residential facilities etc.
2. Proctor of the university looks after the discipline among students, He /She ensures that law and order is maintained in the campus for a peaceful atmosphere in the university.
3. The Provost of the Boys' and Girls' Hostels looks after the residential facilities. A good number of wardens both for boys and girls hostels work under the Provost and provide all the required support to the students residing in the hostels.
4. Separate Student Representatives' Councils for UG and PG students and research scholars, interact with authorities of the University for redressal of their problems. Members of the councils project various issues related to students' welfare, sports and extracurricular activities.
5. The university has set up an International Students Cell to deal with admission and guidance of international students. The cell not only controls admission of international students but also provides necessary support for their academic matters and sports/ cultural activities.
6. The university organizes an annual Sports and Cultural Week for students, where inter-faculty competitive sports and cultural events are held.
7. National Service Scheme (NSS) is a program sponsored by the ministry of Youth Affairs and Sports, Government of India. NSS volunteers participate in various awareness programs such as Pulse Polio Immunization Camps, Awareness about

Hepatitis B, DPT and BGC Immunization, HIV/ AIDS, STD, Importance of Cleanliness, Illiteracy Eradication Programs, Plantation and other activities.

8. The NCC unit of Jamia Hamdard is affiliated to 7 Delhi Battalion, NCC, New Delhi. Students of various Faculties are enrolled as cadets. Besides routine drills, they participate in National Integration Camps (NIC), Combined Annual Training Camps, Pre-Republic Day Camps and several welfare programs etc.

The aim of the mentorship program is to enable students of the university to identify their skills, interests and aptitude, and to create a healthy environment not only for their academic activities, but also for the holistic development of their personality.

5.1.2. Apart from classroom interaction, what are the provisions available for academic mentoring?

Apart from classroom interaction the following facilities are available to students for academic mentoring:

S. No.	Facilities available apart from classroom interaction
1	Special academic sessions
2	Participation in conferences/ workshops/ seminars
3	Visits to industries, reputed national organizations and research centers
4	Community interaction programs
5	Industry–academia interface
6	Various co-curricular activities

- Students are encouraged and guided through special academic sessions to participate in various national-level competitive examinations for higher studies like NET/ SLET, GATE etc.
- Students are encouraged to participate in academic conferences/ workshops/ seminars etc.

- They are provided opportunities to visit industries, reputed national organizations and research centers.
- Students participate in various community-interaction programs through NSS and departmental and faculty-level outreach and extension activities..

5.1.3. Does the university have any personal enhancement and development schemes such as career counseling, soft skill development, career-path-identification, and orientation to well-being for its students? Give details of such schemes.

Yes..

- Coaching for NET examination is organized in most of the faculties for P.G. students.
- Workshops and seminars are organized regularly.
- Special lectures are held by eminent personalities
- Sports and cultural activities are regularly organised
- Relevant information regarding job opportunities and research activities is regularly provided to students.
- Placement Cell guides students about their job prospects and invites industries for placement.

Jamia Hamdard Residential Coaching Academy

Jamia Hamdard was one of five universities chosen to establish a residential coaching academy for minorities, under the aegis of the Ministry of Human Resource Development (MHRD) vide its letter No.6/07/2009-MC dated 21.07.2009, as a part of the implementation of the recommendations of the Sachchar Committee, by the Central Government. Jamia Hamdard Residential Coaching Academy (JHRCA) is funded by the UGC. It prepares candidates from the Muslim community, Scheduled Castes, Scheduled Tribes and women for competitive entrance examinations of government services. The main thrust of the academy is to increase the representation of minorities in government jobs. Since 2009 JHRCA has succeeded in helping candidates from weaker sections of society to get employment in the government and public sectors. Apart from the Civil

Services Examination, candidates are encouraged to appear in other government services exams such as the State Service Exams, Banking, SSC etc. Academic guidance and personality development are provided to candidates in JHRCA

2. INFRASTRUCTURE AND COACHING FACILITIES

Spread over an area of nearly 5000 sq.ft. the Coaching Academy is located in the main campus of Jamia Hamdard. The infrastructure includes classrooms, a library, a computer laboratory, offices and a students' common room.

2.1 Faculty and Staff

The academic faculty consists of 1 Professor and Assistant Professor each and the non-academic staff consists of 1 Stenographer, 1 Junior Assistant and 2 Office Attendants.

2.1.1 Academic Activities and Personality Development

- Coaching is provided by JHRCA for both preliminary and main examinations of Civil Services.
- The mandate of the Academy is not to strictly follow the UPSC syllabus for coaching, however the UPSC Model is so comprehensive that in general it encompasses requirements of most competitive examinations.
- The coaching program is of 10 months duration and is rigorous and intensive.
- Experts are invited to conduct classes for both papers of the CS Preliminary examination as well as for general and optional subjects of the CS Main Written Exams.
- Lectures and interactive sessions are conducted by competent faculty and renowned bureaucrats in-service or retired from elite services.
- Test series are conducted to evaluate the performance of candidates.
- Personality tests and interview sessions are conducted by the Academy for the benefit of candidates. Interactive sessions with successful civil servants are also planned for motivational purposes.

- English language classes are held to improve language skills of candidates.
- Group discussions and debates among candidates are encouraged to develop interactive skills.

5.1.4. Does the university provide assistance to students for obtaining educational loans from banks and other financial institutions?

Yes, the university provides assistance to students to obtain educational loans from banks (Bank of India, J&K Bank, ICICI Bank, Axis Bank etc.). Especially at the time of admission, bank officials are invited to visit the university and inform students about educational loans. Some banks set up their information counters in the university.

5.1.5. Does the university publish its updated prospectus and handbook annually? If yes, what are the main issues / activities / information included / provided to students these documents? Is there a provision for online access?

Yes, the university publishes a prospectus which contains information regarding Departments and Faculties, courses offered, admission procedure, student support facilities, infrastructure facilities, rules for admission, fee structure, scholarships and fellowships, academic staff, Directorate of Open and Distance Learning, Foreign/ NRI and sponsored candidates etc. The prospectus of the university is uploaded on its websites www.jamiahamdard.edu and www.jamiahamdard.ac.in to facilitate availability of online admission form and other information for candidates.

5.1.6. Specify the type and number of university scholarships / free ships given to the students during the last four years. Was financial aid given to them on time? Give details (in a tabular form) for the following categories: UG / PG. / M.Phil / PhD. / Diploma / others (please specify).

The university has provision for distribution of scholarships/ free ships to students on merit cum means basis. A number of university scholarships are available for the students, which are as under:

1. Hamdard National Foundation (HNF) Scholarship
2. Khwaja Moinuddin Chishti Ajmeri (Gharib Nawaz) Merit-cum-Means Scholarship

3. Dr. L.M. Singhvi Gold Medallion (or Silver Shield) of Accolade
4. Hakeem Abdul Majeed Scholarship (For Pharmacy, Medicine [U], Nursing and Science Faculties)
5. Musharraf Hussain Jafri Scholarship
6. Syed Abdul Karim Scholarship
7. Rais Ahmad Khan Scholarship
8. Prof. Syed Wahiduddin Scholarship
9. Noorul Hasan Memorial Scholarship
10. Late Lady Reshma Parveen Memorial initiative for Learning & Educating Students (R-MILES)
11. Maulana Shah Mustafa Raza Merit Scholarship
12. Late Lady Laiqun Nisa Award for Meritorious Professional (LAMP) Scholarship
13. Mrs Aquil-un-Nisa Alam Scholarship
14. Darul Uloom Mohammadiyah Scholarship
15. Ashraful Ulama Scholarship
16. Late Haji Mohammad Ilyas Memorial Initiative for Learning & Educating Students (M-MILES)
17. Hakim Abdul Hameed Fellowship
18. Maulana Wahid Hussain Memorial Scholarship
19. Dr. Maqbool Husain Jafri Memorial Scholarship
20. Akhtar Hussain Memorial Merit Scholarship
21. Late Maulvi Shabbir Ahmad Scholarship
22. Late Janab Haji Mohammad Ahmed Khan Education Reward (MAKER) Scholarship

23. Mrs Aquil-un-Nisa Alam Scholarship
24. Jamboonathan Means-cum-Merit Scholarship
25. Mrs Farida Haque Scholarship
26. Noorul Hasan Memorial Scholarship
27. Late Lady Nasira Begum Education Award for Topper (NEAT) Scholarship
28. Hakim S. A. Jamil Qadri Memorial Scholarship
29. Maulana Shibli Nomani Scholarship
30. Noorul Hasan Memorial Scholarship
31. Late Janab Haji Mohammad Ahmed for Top Excellence Award (MASTER) Scholarship
32. Mrs Shakila Naqvi Merit Scholarship
33. Tasmia Merit Scholarship
34. Noorul Hasan Memorial Scholarship
35. Prof. AKM Ghouse Means-cum-Merit Scholarship
36. Anchrom Means-cum-Merit Scholarship
37. Dr. Manoj Warshney Scholarship
38. Khalil Ahmed Merit-cum-Means Scholarship
39. Late Mr. C.R. Arora Scholarship
40. Hind Agro Industries Merit Scholarship
41. Tasneema Fellowship
42. Late Haji Mohammad Asif Reward for Knowledgeable Student (MARKS) Scholarship

- 43. Prof. Masroor Alam Baig Memorial Scholarship
- 44. Prof. Mohd. Yahya Merit-cum-Means Scholarship
- 45. Silver Jubilee Fellowship
- 46. Daichi Sankyo–Hamdard Fellowship
- 47. Fellowship under Start-up Grant (Seed Money) for Project Fellows

SCHOLARSHIPS AVAILABLE TO STUDENTS

Year	Number of students benefitted			
	UG	PG	PhD.	Diploma
2011-12	23	41	14	6
2012-13	24	40	10	6
2013-14	25	38	7	6
2014-15	25	44	7	5

The university has allocated some amount as Student Aid Fund, which is meant for financial help to needy students. A student whose parents' income is less than Rs.4.5 lakh per annum and performs satisfactorily in the examination is eligible for assistance from this fund.

A lump sum amount of Rs.4000–5000 is distributed annually as Student Aid Fund. The year-wise number of beneficiaries is given below:

S. No.	Year	No. of beneficiaries
1	2012-13	233
2	2013-14	175
3	2014-15	229
4	2015-16	200

Fee concessions:

Apart from the above scholarships, students are granted fee concession from 25% to 50% of the fee on the basis of merit cum means, on a case to case basis. During the last four years i.e. from 2011-12 to 2014-15, Rs.2,74,08,904 has been spent on fee concession granted to students admitted under different categories. Year-wise detail of the amount is given below:

Year	Fee Concession amount shown in Rupees		
	Regular courses	SFS courses	Total amount
2011-12	7,94,518	38,85,660	46,80,178
2012-13	10,82,377	58,68,741	69,51,118
2013-14	14,78,632	61,98,125	76,76,757
2014-15	11,96,343	69,04,508	81,00,851
TOTAL	45,51,870	2,28,57,034	2,74,08,904

Foreign Nationals are also granted concession in fee as per rules of the university.

5.1.7. What percentage of students receives financial assistance from state government, central government and other national agencies (Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow etc.)?

Approximately 3.5% students receive financial assistance from state government, central government and other allied agencies.

5.1.8. Does the university have an International Student Cell to attract foreign students and cater to their needs?

Yes, the university has an International Students Cell for foreign/ NRI students. The university has one hostel exclusively for international students. The Foreign Students' Advisor looks after the problems of foreign students and assists them in completing various immigration-related/ legal formalities with Indian authorities and concerned embassies in Delhi.

5.1.9. Does the university provide assistance to students for obtaining educational loans from banks and other financial institutions?

Detail is given in 5.1.4.

5.1.10. What types of support services are available for:

a. Overseas Students

- Admission to international students is given through the International Students Cell (ISC) of Jamia Hamdard. As a first step the candidate registers himself/ herself for the course of study online. This is required for the visa and to complete other formalities. At this stage, if required, an online interview of the candidate may be conducted. After getting provisional admission, the candidate gets a visa and completes other formalities. The next step is that the candidate reports to the Foreign Students' Advisor on or before the date of admission mentioned in the Provisional Admission Offer Letter. Then he/ she gets his/ her original eligibility certificate(s) verified and pays the course fee in full.
- It has been observed that most students from non-English speaking countries are not well-versed in spoken/ written English up to the desired level, hence Jamia Hamdard conducts Special English Classes for such students.
- The university helps foreign students to complete legal formalities like obtaining equivalence certificates from the Association of Indian Universities, No Objection Certificates from the Ministry of Health and Family Welfare and Ministry of External Affairs, registration with the Foreigner Regional Registration Office (FRRO) etc.
- A separate hostel at par with international standards is provided for overseas students.
- Medical facilities are available in the university hospital.

b. Physically challenged/ differently-abled students

All necessary help is provided to physically challenged/ differently-abled students, like priority in hostel accommodation, lift facilities, facilitating procurement of books from the library etc. Ramps with rails and washrooms for differently-abled individuals have been constructed in the university campus. At the time of admission weightage in merit is given as per university rules

c. SC/ ST, OBC and economically weaker sections

- SC/ ST, OBC students are given 5% relaxation in the eligibility criteria for admission.
- Student Aid Fund is available to help students from weaker sections, including students in SC/ ST categories.

d. Students participating in various competitions/ conferences in India and abroad

Students' participation in competitions and conferences is encouraged. Students are encouraged to write research papers for national and international events. Once their papers are accepted, they are granted leave to attend the conference/ seminar/ symposium to present their research papers. They are also encouraged to apply for travel grant to various funding agencies like AICTE, DST, CSIR and UGC etc. Students of the Faculty of Nursing participate in activities of their professional association i.e. Student Nursing Association of India, State and National platform.

e. Health centre, health insurance etc.

- The university provides free health care service to all students in its hospital.
- Students are given preference in allotment of beds..
- A world-class gymnasium facility is available in the university sports area for male and female students.

f. Skill development (spoken English, Computer Literacy etc.)

- The university provides computer literacy facility in its Computer Centre.

A full-fledged department of Computer Science & Engineering exists in the university which conducts BCA, BBA, MCA, B.Tech. and M.Tech courses.

- English classes are held in the university. Students who are not well-versed in spoken/ written English are advised to undergo a six-month course of English language.
- The Secretary, Cultural Activities, takes care of extra-curricular programs which contribute to personality development. Students are encouraged to take part in these programs.

g. Performance enhancement for slow learners

- Slow learners of a particular class are identified by the concerned subject-teachers and are called for special classes, which are held by the same teacher.
- Slow learners or weak students are grouped with brighter students to improve their performance.
- Counseling of slow learners with their parents is also arranged and results are sent to their homes for parental guidance.
- Make-up exams are arranged for slow learners

h. Exposure of students to other institutions of higher learning/ corporates/ business houses, etc.

- Students from the Faculties of Science, Pharmacy, Management, Nursing etc. are sent for the purpose of training or project work to other institutions.
- For research activities students visit laboratories and instrumentation centers in other institutions.
- In the Faculty of Pharmacy undergraduate students visit various pharmaceutical industries during their Industry Visit Tour, which is a part of their curriculum. Other senior students visit different places to collect medicinal plants. Engineering students visit industries. P.G. students are allowed to spend some time in R&D laboratories for advanced research work, especially in those areas where research facilities are not available in Jamia Hamdard.
- In 2015 nursing students participated in a Student Exchange Program in Sweden.

i. Publication of student magazines

- Some Faculties of the university prepare their magazine/ annual report which provides information regarding academic activities in their departments, along with other information.

- Faculty of Nursing publishes an annual college magazine entitled *Rufaida Times* which provides students a platform to publish their articles and other literary and academic output. The Faculty also publishes a journal by the name *International Journal of Nursing and Midwifery Research*, which has a student section as well.
- Faculty of Pharmacy publishes *RX* magazine annually under the supervision of students of the Faculty.
- The Faculty of Management publishes the *Journal of Management Science Reviews*.
- Students of the Hamdard Institute of Medical Sciences & Research (HIMSR) publish *HAMDARDANIANS* annually.

5.1.11. Does the university provide guidance and/ or conduct coaching classes for students appearing for Civil Services, Defense Services, NET/ SET and any other competitive examinations? If yes, what is the outcome?

Yes, the university has established Jamia Hamdard Residential Coaching Academy (JHRCA) for preparing students for Civil Services and other related examinations. The Director of the Academy arranges classes by various resource persons.

Candidate performance in Civil Services examinations is as under:

Year	Total no of SC,ST,OBC & Minority enrolled	Qualified in Central and State Services
2011-2012	60	42
2012-2013	60	39
2013-2014	61	49
2014-2015	46	22

- Special classes for NET examination are also conducted. During the last 4 years 89 students (from Science, Pharmacy, Management, Islamic Studies etc.) have passed NET examination and 20 students qualified GATE examination. 223 students qualified GPAT examination in the faculty of Pharmacy.
- Orientation lectures are regularly given by eminent personalities in different departments of the university for guiding students.

5.1.12. Mention the policies of the University for enhancing student participation in sports and extracurricular activities through strategies/ schemes such as:

a. Special dietary requirements, sports uniform and materials

- Jamia Hamdard has a cricket ground, football ground and world-class gymnasium facility. It has well-established policies for enhancing student participation in sports and extracurricular activities.
- The university provides all help to students participating in sports/ cultural activities in getting uniforms and other sports equipment and materials. Special diet is also provided to such students during their games.

b. Additional academic support and academic flexibility in examinations

- The students are given special leave for participation in sports and cultural activities.
- Relaxation in attendance is given to students who participate in sports at the Intervarsity, State or National levels.
- Special classes are conducted for students who participate in sports activities and represent the university.
- The university conducts a Sports and Cultural Week every year, which culminates in a special function that includes a prize-distribution ceremony, where winners are felicitated by awarding them gold and silver medals, certificates etc.
- The university has appointed a Director, Sports, who looks after the sports activities in the university and gymnasium.
- The university organizes cultural programs and festivals like MOSAIC (at the university level;), NERDZ (Faculty of Engineering and Technology) and RX (Faculty of Pharmacy) every year, in which students participate in different cultural activities.
- In 2015 the university hosted the North Zone as well as All-India Intervarsity Basketball Championship on its basketball ground.

5.1.13. Does the university have an institutionalized mechanism for students' placement? What are the services provided to help students identify job opportunities, prepare themselves for interview, and develop entrepreneurship skills?

- The University Placement Cell provides information and counseling to students regarding their placement.

- Each Faculty has its own placement cell for providing help to students in specialized areas.
- The university conducts lectures on career development by renowned speakers. Advertisements for job opportunities are displayed on notice-boards of the concerned department/ faculty.

The Placement Cell helps each student in exploring placement opportunities by inviting various companies for campus recruitment of students who are in the final year of the programme and are likely to graduate at the end of the academic year.

The final placements undertaken by the Placement Cell, are the result of a very systematic and rigorous interaction with industry and continuous career counseling of students. Right from the beginning of the programme, students are continuously counseled with regard to their career aspirations and options, which in turn is vigorously followed up with potential recruiters for their participation in the placement programme of the Placement Cell. This not only helps students in getting their ‘dream jobs’ but also assists visiting companies in identifying suitable candidates for their organization. However, the placement is governed by placement guidelines.

The Broad Activities Undertaken by the Placement Cell are:

Formation of Students’ Placement Committees for final placement and also for getting industrial training and industry-linked project-work for students.

- Preparation of Placement Brochure for final placement.
- Pre-placement visits (PPV) to companies.
- Communication, networking and relationship-building with potential recruiters
- Grooming and training of candidates for placement, so as to increase their chances of selection.
- Invitation by the Placement Cell to potential recruiters to visit the Faculty.
- Continuation of placement activities until all students have been successfully placed.
- General follow-up, joining formalities and other administrative activities.

Placement Cell/ Placement Committee

Placement-related activities, of the Placement Cell are carried out by the Placement Committee which comprises faculties from various Departments of the Faculty. Student representatives from various branches who are in their final year are also appointed as

committee members. The committee is headed by the Incharge of the Placement Cell and the Manager, Corporate Relations acts as a member secretary. The Placement Committee is usually formed in the month of July.

Student Registration for Placement

Students who are in their final year and interested in availing placement support from Placement Cell have to register themselves for placement. The university provides funding as per requirements, for conducting placement selections.

Placement Brochure

For the benefit of students and potential recruiters, the Placement Cell prepares a Placement Brochure, giving details of the students ready to be placed. This brochure is subsequently shared with potential recruiters. Students registered for placement are included in this brochure.

Placement Eligibility

Students who fail to clear the academic exams & other formalities at the end of course, are not eligible for campus placement activities and are therefore excluded from the placement process. Students who face any major disciplinary action are also not eligible for campus placement.

Placement Process

Once an organization shows interest in recruitment through the Placement Cell, it tries to get as many details as possible about the job profile.. An e-mail informing students about the job opening and its details is shared with the student coordinators and placement committee. Interested students are then asked to register their interest for the job through their official e-mail ID on the provided link, after going through the job profile. Only students who register for that particular job profile are considered for the job opening and their names and CVs are shared with the company. It is the students' responsibility to keep their resumes with the Placement Cell updated. Students whose names have been submitted are not allowed to withdraw from the selection process.

Sometimes companies come for a pre-placement talk/ group discussion/ written test and the short-listed students are interviewed on or off the campus. Alternately, some companies select students based on their CVs and may invite them for GDs or interviews at their offices.

Many Indian and foreign students who are our alumni are working in high positions in their respective countries. For the purpose of placements we enlist the help of such prominent alumni who are working in senior positions in their respective fields.

5.1.14. Give the number of students selected during campus interviews by different employers (list of employers and other number of companies who visited the campus during the last four years).

During the last four years a total of **1016** students of Jamia Hamdard were placed under different categories of employment in the companies/ industries/ hospitals listed below:

Sr. No.	Type of the industry	Name of the industry
1	Pharma sector	<ul style="list-style-type: none"> •Ranbaxy Research Lab. •Dr. Reddy Lab.,•Medley Pharmaceuticals Ltd. •Jubilant Organosis •Wockhardt Pharma Ltd. •Dabur Res. Foundation •Arbro Pharma •Nestle Pvt. Ltd. •Apser Pharma (MNC) •Cedisco Pharma •Eli Lilly Pharm. •Wipro Pharmacovigilance •Lark Laboratories Ltd. •Indigene Life Sciences, Bangalore •Macloid Pharmaceutical Ltd. •Lupin Lab. Ltd. •Cadila Pvt. Ltd. •SunPharma Denual Pharmaceutical Ltd. •Fare Labs. Pvt. Ltd. •Wings Biotech •Mankind Pharma, Cipla
2	Healthcare	<ul style="list-style-type: none"> •Tulip Diagnostics Ltd. •Religare •Apollo Hospital •Dolcera Corporation •Ronyd Healthcare Pvt. Ltd. •Max Hospital, Saket •Eye Q Hospital •Max Hospital, Pitampura •Max Hospital, Parpargunj •National Heart Institute, East of Kailash •Rockland Hospital •Octavo Solution P.Ltd. • Kshipra Health Solutions LLP •Moolchand Hospitals •Sharda Hospitals •Pharmax, Cloud 9 Hospital •City Hospital, Saket •Max Hospital, Noida •Escorts-Fortis Hospital •Guardian Lifecare •Max Hospital •Brain Wave Healthcare Pvt. Ltd.

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		<ul style="list-style-type: none"> •Rockland Hospital •Surya Healthcare •Evaluate Served India Ltd. •Freshness Kabi •IMS Healthcare Ltd. •Yes Pharm. •Cedisco Pharma •Eli Lilly Pharm. •Abbott Healthcare •UCB India Ltd. •ZS Associate •Aimil •Dell Health Care Services
3	Media sector	<ul style="list-style-type: none"> •HT Media Ventures Ltd. •Bharti •Airtel •Aircel India •India Today •India Infoline
4	IT	<ul style="list-style-type: none"> •TCS •Moserbaer •ITC Ltd. •Ram Best IT Quest •BPTP •Newgen Softwares •Aditya Birla Group •Newgen, Infozech •R & F Technologie •Religare Technologies •Apps Discover
5	Electronics & electricals	<ul style="list-style-type: none"> •Panasonic •Havels India •Titan Industries •ABC Consultants •Lloyd Electric & Engineering Ltd.
6	Banking	<ul style="list-style-type: none"> •HDFC Bank •ICICI Bank •SBI Life
7	Finance & Management	<ul style="list-style-type: none"> •Pantaloons •Al Jazaa Financial Services •Manca Consulting Pvt. Ltd. •Bajaj Capital •Talisman Advisors Pvt Ltd. •Pathfinder Management Consulting (India) Ltd. •Edelwiss Capital •Price Waterhouse
8	Others	<ul style="list-style-type: none"> •Delloit, •Ernst & Young •Mansukh Securities •Berger Paints •Sharp Sight centre Pvt Ltd •Café' Coffee Day •Gyan Adhikar •Mc Kinsey & Co. •People Strong •Crisil •Mercer •Empyrean Partners •Beehives •JKT •Netprophets •BrickRed •Aricent •Sapient •Accenture •Evalueserve •Mafoi •SESAME •KINAPS •IPC Apothecaries Pvt. Ltd.

5.1.15. Does the university have a registered Alumni Association? If yes, what are its activities and contributions to the development of the university?

The Jamia Hamdard website (<http://jamiahamdard.edu/>) has a provision for registration of alumni through a registration form available online.. 276 Alumni have registered themselves and entered their details such as address, organization and employment status etc.

Also some of the faculties/ departments organize alumni summits every year. In these, alumni deliver lectures and hold group discussions with current students, cultural programs and dinners are also organized.

5.1.16. Does the university have a student grievance redress cell? Give details of the nature of grievances reported. How were they redressed?

The university has constituted a Grievance Committee which addresses general grievances and problems of students. Generally students complain about late fee fine, non-availability of accommodation, and issues related to hostel and medical facilities etc. In case of major problems, all the Deans of Faculties, DSW and other senior officials of the university hold meetings with students' representatives to discuss the matter and recommendations are sent to the Vice-Chancellor for his final decision.

5.1.17. Does the university promote a gender-sensitive environment by (i) conducting gender related programs (ii) establishing a cell and mechanism to deal with issues related to sexual harassment? Give details.

Yes, the university has established an Equal Opportunity Cell, which conducts special lectures and seminars to promote a gender-sensitive environment in the university.

Lectures/ Awareness Programs organized in Jamia Hamdard by the Equal Opportunity Cell for staff and students:

- Lecture on “Constitutional and Social Guarantee for Equal Opportunity” in the Convention Center on 24 August 2015 by Prof. Milap C. Sharma from CSRD, Jawaharlal Nehru University, New Delhi
- Lecture on “Gender Sensitization: Need of the Society” in the Convention Center on 23rd Sept. 2014 by Prof. Sabiha Hussain from Dr. K. Narayanan Center for Dalit and Minorities, JMI, New Delhi
- Lecture on “Inclusive Policies through Equal Opportunity” by Dr. D.K. Lobiyal, School of Computer and Systems Sciences, JNU on 21st Feb. 2013.
- Lecture on “Inclusive Policies” by Prof. S.N. Malakar, JNU, New Delhi on 11 April 2013.
- Lecture on “Towards Safe University Campuses” by Prof. Ayesha Kidwai, School of

Language, Literature and Culture Studies, JNU, New Delhi on 9 Sept. 2013.

The university has established a high-powered committee for prevention of sexual harassment.

5.1.18. Is there an anti-ragging committee? How many instances, if any, have been reported during the last four years and what action has been taken in these cases?

- The university has a well-organized Anti-Ragging Committee
- A strict code of conduct has been laid down by the university to stop ragging within or outside the university campus.
- The Anti-Ragging Committee implements the university policy of zero tolerance related to ragging complaints.
- Banners and posters about prohibition of ragging are displayed at prominent places in the university.
- At the beginning of the academic year induction programs are organized in every faculty of the university, where students are informed about anti-ragging laws, its consequences and punishments.

The anti-ragging squad members make surprise visits to hostel, canteen, library and faculty/ department premises to check anti-ragging measures.

During the last four years no ragging complaint has been reported.

5.1.19. How does the university elicit the cooperation of all its stakeholders to ensure the overall development of its students?

The university elicits the cooperation of all its stake holders such as students, parents, teaching and non-teaching staff, guest academic experts and eminent personalities from the community.

- Members of various important statutory bodies of the university comprise its stakeholders.
- The Vice-Chancellor holds meetings with members of the Students' Council and Research Scholars' Council, who freely interact with the authorities and valuable suggestions given by the students are implemented.
- Regular guest lectures and workshops are conducted on the university as well as department/ faculty level.

- Students are exposed to community health services as well as a pollution-free atmosphere.
- A Sports and Cultural Week is organized every year in collaboration with students' committees.
- Syllabus and curriculum are updated on the basis of suggestions of stakeholders.
- Hostel and food committees are formed comprising of student representatives.
- Interaction with parents and guests for over-all development of the university is initiated during convocations and seminars,.

5.1.20. How does the university ensure the participation of women students in intra and inter-institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.

Since Jamia Hamdard promotes gender equality, every effort is made to ensure that female students participate in large numbers in sports, cultural and academic activities.

- In 2015 Jamia Hamdard organized the All-India Interuniversity and North Zone Interuniversity Women's Basketball competitions on the campus. Jamia Hamdard's women's basketball team participated in the North Zone Interuniversity competitions.
- One of the students from the university participated in the All-India University Women's Boxing Competition in 2015.
- Every year a Sports and Cultural Week is organized in the university, where a large number of girl students participate in different sports competitions and cultural activities.
- Apart from the above, sports competitions and cultural activities are organized at the faculty/ departmental level, wherein female students participate in sports like basketball, volleyball, badminton, chess, table tennis etc. and cultural activities like dance, singing, mono-acting, fashion show, skits, etc. Girl students in large numbers are also benefitted by the gym facility in the university.

5.2 Student Progression

5.2.1. What is the student strength of the university for the current academic year? Analyse the Programme-wise data and provide the trends for the last four years.

Programme	Strength in current academic year	Average of last four years	Percent change
PG Courses	1327	1322.50	+0.33
UG Courses	3137	2602	+20.56
*Diploma Courses	341	348	- 2.01

* Some diploma courses have been upgraded to UG courses in the same discipline.

5.2.2. What is the programme-wise completion rate during the time span stipulated by the university?

Each faculty has its own time span for completing the course as stipulated by the university.

- In the Faculty of Science 99% of PG students completed the course in 2 years.
- In the Faculty of Pharmacy 100% of PG, 99% of UG and 98% of Diploma students completed the course in 2 years, 4 years and 2 years respectively.
- In HIMSR, Dept. of Rehabilitation Sciences 100% of PG and 99% of UG students completed the course in 2 years and 4 years respectively.
- In HIMSR, Department of Paramedical Sciences 99% of UG and 98% of Diploma students completed the course in 3 years and 2 years respectively.
- In the Faculty of Social Sciences and Humanities 100% of M.Phil., 99% of PG, and 98% of UG students completed the course in 1 year, 2 years and 3 years respectively.
- In the Faculty of Management 99% of PG students completed the course in 2 years.
- In the Faculty of Engineering & Technology 97% of PG and 98% of UG students completed the course in (3 years & 2 years), (3 years & 4 years) respectively.
- In the Faculty of Medicine (Unani) 99.5% of PG and 99% of UG students completed the course in 3 years and 5½ years respectively.

- In Faculty of Nursing 100% of PG, 99.5% of UG and 99% of Diploma students completed the course in 2 years, 4 years and 3½ years respectively.
- In the Faculty of Interdisciplinary Sciences and Technology 100% of PG students completed the course in 2 years.

5.2.3. What is the number and percentage of students who appeared/ qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / / GMAT / Central / State services, Defense, Civil Services, etc.?

During the last four years:

- 227 students appeared in Central and State Services Examinations and 152 (66.9%) students qualified.
- 89 students qualified NET examination
- 20 students qualified GATE examination
- 223 students qualified GPAT examination in the Faculty of Pharmacy

5.2.4. Provide category-wise details regarding the number of PhD./ D.Litt./ D.Sc. theses submitted/ accepted/ resubmitted/ rejected in the last four years.

Category-wise details of post graduate dissertations, PhD. and M.Ch / DM theses submitted/ accepted/ rejected in the last 4 years (2011-2015)

S.No.	Degree	Submitted	Accepted	Rejected
1.	PhD.	345	345	Nil
2.	P.G.	2645	2645	Nil
3.	M.Phil.	14	14	Nil
4.	MD	17	17	Nil

5.3. Student Participation and Activities

5.3.1. List the range of sports, cultural and extracurricular activities available to students. Furnish the programme calendar and provide details of students' participation.

Through sports, cultural and extra-curricular activities, the university makes every effort to improve students' overall health, leadership skills, personality development etc.

- Range of Sports Activities: The University has a well-equipped gymnasium and other sports facilities. There are indoor badminton courts, two table tennis tables, a billiard table and a hard tennis court. There are play-grounds for cricket, football, basketball and volleyball. The university organizes a Sports and Cultural Week every year for students, where inter-faculty competitive sports and cultural events are held.

Following are the range of sports, cultural and extracurricular activities available to students:

- Range of Sports Activities: Race (100 mtrs), Race (200 mtrs), High Jump, Long Jump, Chess, Table Tennis, Badminton, Carom, Cricket, Football, Volleyball, Basketball etc.
- Range of Cultural Activities: In cultural activities students participate in Fashion Show, Rangoli, Collage, Soap Carving, Dumb Charades, Naat, Mono acting, Mimicry, Duet, Solo Song, Skit, Group Song, Ghazal, Fancy Dress etc.
- National Service Scheme (NSS) is a program sponsored by the Ministry of Youth Affairs and Sports, Government of India. NSS volunteers of the university participate in various awareness program such as Pulse Polio, Immunization Camps, Awareness about Hepatitis B, DPT and BCG Immunization, HIV/ AIDS, STD, Importance of Cleanliness, Illiteracy Eradication Programs, Plantation and related activities.
- The NCC Unit of Jamia Hamdard is affiliated to 7 Delhi Battalion, New Delhi, Besides routine drills, NCC cadets participate in several welfare programs such as Blood Donation Camps and Immunization Programs etc.
- The university conducts Sports and Cultural Week every year from 11 to 14 September. Apart from this, every Faculty conducts its own sports and cultural activities on suitable dates keeping in view their own academic calendar.

International students of Jamia Hamdard also organize various literary & cultural programs. Each year a much-awaited Cultural Evening/ Get Together called “Rendezvous” is organized in the month of February/ March. This is a cultural evening of foreign students studying in Jamia Hamdard. The program is also attended by ambassadors and diplomats of various embassies in New Delhi, officers of the Government of India, and international students studying in other universities in Delhi.

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Foreign students enthusiastically participate in various cultural/ literary/ sports events in Jamia Hamdard like “MOSAIC”, “NERDZ” (organised by the Faculty of Engineering and Technology), “Rx” (in Faculty of Pharmacy) etc.

Each year many foreign students attend ICCR-organized camps in various geographical locations in the country.

Jamia Hamdard’s football team comprising many foreign students has been participating in Inter-University tournaments from time to time.

No. of Students Participating in Sports

Year	College level	University level	Inter-collegiate level	State level	National level
2011-12	12	8	2	1	
2012-13	10	8	3	1	
2013-14	11	25	2		
2014-15	15	70	2		
Total	48	111	9		

- 100 students of Jamia Hamdard participated in Delhi Airtel Half-Marathon/ Great Delhi Run organized by Airtel at JLN Stadium. Six students received gold medals after completing the 21.097 km. run.

No. of Students Participating in Cultural/ Literary Events

Year	College level	University level	Inter-collegiate level	State level	National level
2011-12	30	102	33	3	
2012-13	31	104	32	3	
2013-14	30	106	2	5	
2014-15	34	125	3	8	
Total	125	437	70	19	

5.3.2. Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University/ State/ Zonal/ National/ International, etc. during the last four years.

Number of students who won prizes in co-curricular, extracurricular and cultural activities

Year	College level	University level	Inter-collegiate level	State level	National level
2011-12	16	4	2		
2012-13	11	4	1	1	
2013-14	14	2	-	2	
2014-15	12	4	-	5	
Total	53	14	3	8	

5.3.3. Does the university conduct special drives / campaigns for students to promote heritage consciousness?

Yes, through NSS, NCC activities and community service programs etc.

5.3.4. How does the university involve and encourage its students to publish materials like catalogues, wall magazines, college magazine, and other material? List the major publications/ materials brought out by the students during the last four academic sessions.

All the departments of the university are involved in guiding the students to write project reports, paper presentation through slides, and poster presentation in national and international conferences and seminars. Students are required to submit assignments on topics of their course individually as well as in groups. Hence they are trained in writing articles, reviews and chapters for publications.

Undergraduate and postgraduate students are also involved in writing scripts of plays presented in different cultural functions organized in the university.

Please also see 5.1.10, i, Publication of student magazines

5.3.5. Does the university have a Students Council or any other similar body? Give details on its constitution, activities and funding.

The university has a General Students' Council and a Research Scholars' Council. Two members of each council are nominated by the concerned Dean of the Faculty. Apart from this, two foreign students are nominated to each council by the Foreign Students Advisor. Hence there are a total of 16 students' representative for Students' Advisory Council and 14 students for Research Scholars' Council.

The students' councils consist of nominated students members based on their merit and leadership abilities. Council members have meetings with university authorities and suggest plans for betterment of the student community in particular and the whole university in general. They inform the authorities about problems faced by students, related to academics, research, hostel facilities, food, hygiene, classrooms, sports facilities etc. The Vice-Chancellor and other administrative authorities lend a sympathetic ear, respond positively and good proposals are implemented.

5.3.6. Give details of various academic and administrative bodies that have student representative on them. Also provide details of their activities.

Two girl students are nominated as representatives in Sensitisation and Prevention of Sexual Harassment (SPOSH) Committee of the university.

Any other information regarding Student Support and Progression which the university would like to include.

- The university has developed a Students' Facility Centre, which houses offices of the Dean Students Welfare, Provost, Proctor, Placement Cell, Equal Opportunity Cell and Foreign Students Advisor. This facility has been created to facilitate students and to save them from running from one building to another for jobs related to different offices.
- The whole university campus is Wi-Fi enabled.
- The whole university campus is a smoke-free campus.

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1. Institutional Vision and Leadership

6.1.1. State the vision and the mission of the university

Mission Statement

“To provide international quality higher education and undertake Cutting-edge Research in the fields of Natural Science and Technology and particularly promote study of Modern and Traditional (Unani) Medicine, encompassing a holistic and integrative approach to healthcare and to meet societal education needs of underprivileged Indian communities.”

6.1.2. Does the mission statement define the institution’s distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution’s tradition and value orientations, its vision for the future, etc.?

Jamia Hamdard’s distinctive characteristic has been its focus on healthcare education. It seeks to serve the students who belong to marginalized classes and to bring them to the mainstream and reiterate the contributions of the community towards the upliftment of the nation. The mission statement focuses on the provision of health education and therefore, majority of courses encompass the variegated fields of healthcare delivery. Jamia Hamdard began its journey as a seat of higher learning in the dedicated field of Unani system of medicine and continues to remain a pioneer in the same while extending its presence into the modern system of medicine which initiated with the setting up of state of the art facility under the aegis of HIMSR (Hamdard Institute of Medical Science and Research) in the year 2012 with an approved intake by MCI of 100 candidates in MBBS course. The associated Hakeem Abdul Hameed – Centenary Hospital (HAH-CH) has been established as per Medical Council of Indian (MCI) requirement and is playing a pivotal role in strengthening other academic programmes in the field of Nursing, Physiotherapy, Occupational Therapy, Paramedical Sciences and Clinical Research. The other flagship course of the university is in the field of Pharmacy and with a history of more than four decades, Faculty of Pharmacy is running as a top institute in the country and is imparting Pharmacy education in at least eight different branches with an added course in field of Pharmaceutical Medicine. Jamia Hamdard also started educational programme in clinical research in the year 2009. This programme is focussed on education and training in the area of clinical research and drug regulatory affairs.

The university tirelessly works towards educational and economic upliftment of the minority community and has directed all its efforts towards achieving this objective.

With due approval of Ministry of Human Resource Development (MHRD), Government of India Jamia Hamdard has also established an off-campus at Kannur, Kerala in 2013. The aim of its establishment has been to strengthen the mandate of the University.

6.1.3. How is the leadership involved?

- a. in ensuring the organization's management system development,
 - b. implementation and continuous improvement?
 - c. in interacting with its stakeholders?
 - d. in reinforcing a culture of excellence?
 - e. in identifying organizational needs and striving to fulfill them?
-
- a. The leadership (Vice Chancellor) and its team has been active in ensuring management system of the University by involving various stakeholders and sponsoring agencies. It also exercises due diligence to assess various management systems and operative procedures of the University.
 - b. Various practices which are adopted by the higher management are implemented in the University through the Heads of the Department, Deans, Dean Students Welfare and the university officials as and when necessary. The brain-storming sessions are held in order to reach logical implementation and continuous improvement. In some Departments pressure groups of young faculty members have been created for effective implementation of policies and plans of the University.
 - c. The leadership provides various avenues of interactions with the stakeholders. It is a common practice of the leadership to interact at many occasions with the various stakeholders primarily the teachers and students. Confidence building measures (CBMs) are continuously taken up and special meetings and open houses are convened with young teachers and researchers to understand their problems and appropriate actions taken thereof.
 - d. Culture of excellence is enforced at all levels such as students, faculty and management (administration). Several steps have been undertaken to further higher the prescribed standards of UGC or other regulatory agencies. The inception of IQAC has ensured the maintenance of the quality standards in publications, project writing and other

scientific deliberations. Frank and open opinion is sought from various stakeholders to improve upon the existing quality standards. Vice Chancellor, in particular is accessible by e-mail and he attends all mails without fail and give instructions to attend the problem and improve upon.

- e. There are various schemes brought in by the leadership to motivate the scholars and the faculty by providing certificates and financial benefit for those contributing to the field of research.

6.1.4. Were any of the top leadership positions of the university vacant for more than a year? If so, state the reasons.

None.

Vice Chancellor, Registrar, Finance Officer, Controller of Examinations and Admissions have been in place.

6.1.5. Does the university ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?

- Vacant positions in statutory bodies of the University such as Board of Management (BoM), Academic Council (AC) and Finance Committee (FC) are filled up by appropriate individuals. Whenever there is a vacancy the same is filled in by either the nomination by the concerned Government Agency or by the Competent Authority with due approval of the relevant body/council/committee.
- Meetings of such bodies are held on regular basis.

6.1.6. Does the university promote a culture of participative management? If yes, indicate the levels of participative management.

Besides the defined statutory bodies which have wide representation of all stakeholders, there are other organs of the management systems which ensures participation of larger sections of all types of stakeholders. These include the following bodies:

- Standing Committee of the Academic Council
- Faculty Committee
- Board of Research Studies
- Board of Studies
- Doctoral Committee (Student Research Advisor Committee)

6.1.7. Give details of the academic and administrative leadership provided by the university to its affiliated colleges and the support and encouragement given to them to become autonomous.

Not applicable in case of Deemed University. Jamia Hamdard has no affiliated colleges.

6.1.8. Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?

Not applicable in case of Deemed University. Jamia Hamdard has no affiliated colleges.

6.1.9. How does the university groom leadership at various levels? Give details.

- Faculty members get opportunity to be part of decision making. Various positions such as Dean of the Faculty and Head of the Department are on rotational basis which provides opportunity of leadership development and infuses sense of responsibility at various levels. While the tenure of Head of the Department is three years. Deans are appointed from amongst the Professors for two years.
- Headship also rotates amongst Professors and Associate Professors. There are several instances where Associate Professor is Head in the Department where there are Professors. This provides opportunity of developing leadership quality.
- Prospective Heads and Deans present their plans and perspectives for the Department, Faculty and University.
- Faculty members also give corporate and student affairs responsibilities such as Proctor, Provost, , Warden, Dean Students Welfare and Foreign Students/Apex Committee, Advisor Research. This enables them to learn leadership traits.
- Young faculty in involved in various corporate activities.

6.1.10. Has the university evolved a knowledge management strategy? If yes, give details.

Yes

- Information Technology:

A dedicated high capacity Data Station has been established in the University.

National Knowledge Network (NKN):

University is members of NKN and takes active part in the activities of National Mission on Education through Information and Communication Technology (NMEICT).

- PhD. Theses are uploaded on the INFLIBNET Shodhganga portal (as of today 441 PhD. theses from are uploaded on the Shodhganga portal).
- For Intellectual Property (IP) management University has created a IP Management Cell which deals applications of patents of faculty and research scholars. A budget allocation has also been made for IP Management Cell.
- Generic Services:
 - Whole campus Wi-fi.
 - Computer Centre

6.1.11. How the following values are reflected in the functioning of the university?

a. Contributing to national development

University strongly believes in inclusive opportunity of education and accordingly it provides active support to students from minority community for admission in various programmes. It also has programme of encouraging girls to take up the higher education. At present almost half of the students constitute girls.

b. Fostering global competencies among students

Faculty members and students are exposed to international standards. There are already three global organizations which have their laboratories on campus (SunPharma, Hielleman Labs, and BD Biosciences). These collaborations infuse global competence. Faculty members and scholars are encouraged to participate in international conferences, symposia and seminars to get exposure to international standards of research and technology.

c. Inculcating a sound value system among students

Value education lectures are organized. Lectures on research and publications ethics are organized.

d. Promoting use of technology

- Students are encouraged to use sophisticated instruments in their research.
- Whole campus wi-fi has been provided to get connected to latest development.
- University E-mail account has been created for all research scholars.
- Sci-Finder access is available to scholars.

e. Quest for excellence

- University envisages achieving new benchmarks of excellence. All new Departments and Laboratories are being fitted with modern and contemporary facilities.

- A project of cluster of over 20 smart classroom has already been completed. These classrooms are fitted with state-of-art teaching gazettes.

6.2. Strategy Development and Deployment

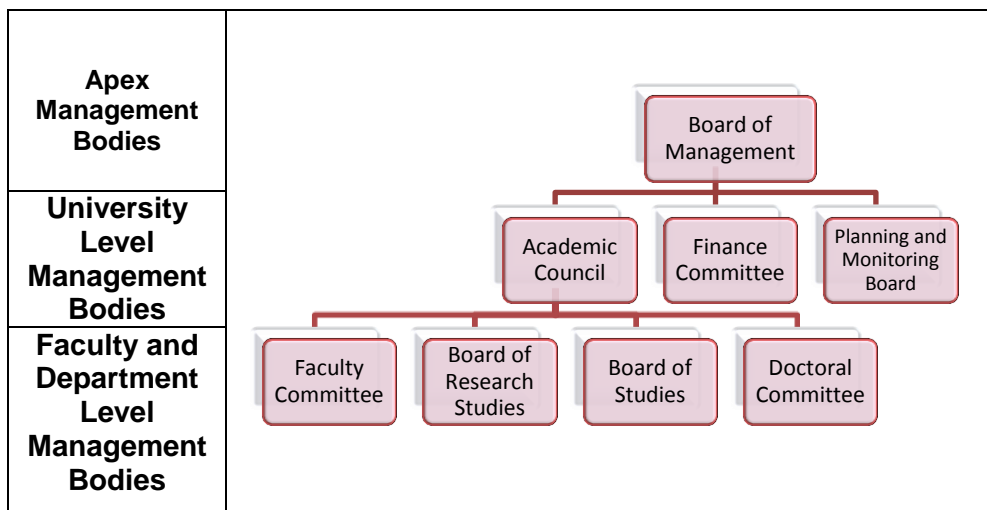
6.2.1. Does the university have a perspective plan for development? If yes, what aspects are considered in the development of policies and strategies?

Yes. University has developed a vision 2030 outlining its vision for future development and expansion.

- Vision and mission teaching and learning Research and development Community engagement.
- Human resource planning and development.
- Industry interaction
- Internationalisation

6.2.2. Describe the university’s internal organizational structure and decision making processes and their effectiveness.

The University Organogram



There are management structure at all levels represented in bodies. The apex management body is Board of Management (BoM). At the University level there are bodies such as Academic Council (AC), Finance Committee (FC) and Planning and Monitoring Board (PBM). At the Faculty and Department levels there bodies such as Faculty Committee, Board of Research Studies, Board of Studies, and Doctoral

Committee. In all these bodies stakeholders are represented including external and government representative as per the statutes.

6.2.3. Does the university have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?

- Yes, quality in academic and research attributes is ensured by the IQAC.
- Research quality is ensured by the the Office of the Advisor (Research).
- Office of Advisor (Research) ensure that quality of research and research publications are of high standard.
- Research proposals are screened before their submission to funding agencies to ensure the quality and to increase the success rate.
- Quality of dissertations is ensured by rigorous reviewing at Doctoral Committee (DC) and Board of Research Studies (BRS).
- Upgraded PhD regulations are followed. The scholars of Science and Pharmacy are required to publish at least one research paper in the journal having JCR impact factor 1 or above.
- Anti-plagiarism policy is in place.

6.2.4. Does the university encourage its academic departments to function independently and autonomously and how does it ensure accountability?

- Yes, Departments have autonomy to plan their academic programmes.
- There is Department-wise budget allocation and each Department has autonomy to spend its funds following the procedure as per the books of the University.
- Departments also have autonomy to collaborate with academic and research institutes depending on their academic and research programmes.

6.2.5. During the last five years, have there been any instances of court cases filed by and against the institute? What were the critical issues and verdicts of the courts on these issues?

Yes. Sparingly, there are some instances where decisions of University Authorities were challenged in the Hon'ble Courts mostly related to establishment (service matters). In most of the cases instance of the University has been upheld. University also approached Hon'ble Court with a plea for review of decision of MCI with regard to grant of recognition to its Medical Course and in this instance also plea of the University was accepted.

6.2.6. How does the university ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder-relationship?

- Students Council
- Research Scholars Council
- Equal Opportunity Cell
- Grievance Redressal Committee

6.2.7. Does the university have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

Feedback system is in place in selected Faculties.

- Students' rating of teachers
- Questionnaire that indicates the strengths and weaknesses of the staff
- Analysis of feedback
- Communication of outcome of analysis to concerned staff.
- Feedback from alumni.

6.2.8. Does the university conduct performance audit of the various departments?

Yes

6.2.9. What mechanisms have been evolved by the university to identify the developmental needs of its affiliated institutions?

- Development needs of the University are assessed at various levels such as Planning and Monitoring Board and Faculty Committee.
- There are no affiliating institutions.

6.2.10. Does the university have a vibrant College Development Council (CDC)/Board of College and University Development (BCUD)? If yes, detail its structure, functions and achievements.

- At University level there is a Planning and Monitoring Board (PMB).
- HIMSIR has its College Council.
- There are no affiliated colleges.

6.3. Faculty Empowerment Strategies

6.3.1. What efforts have been made to enhance the professional development of teaching and non-teaching staff?

For teachers

- Faculty Development Programmes
- Quality Improvement Programmes
- Leadership Development Programmes
- Orientation Programmes at Academic Staff Colleges
- Refresher Programmes at Academic Staff Colleges

For non-teaching staff

- Orientation programme for use of computers and IT tools
- Stress Management programme

6.3.2. What is the outcome of the review of various appraisal methods used by the university? List the important decisions.

- Annual Confidential Report (ACR) is used for non-teaching staff.
- Annual Self-appraisal based on Performance Based Assessment System (PBAS) are used by the teachers.
- System of percentile based cut-off for promotion under Career Advancement Scheme (CAS) for teachers.
- UGC Regulation 2010 and its amendment of 2013 with some modifications intended for quality improvement are used for recruitment and promotion of teachers in various Departments.

Percentile based on Academic Performance Indicators (API) score obtained by teachers of various Departments have been taken by all the stakeholders in right spirit. IQAC Committee members also appreciated it.

6.3.3. What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have benefitted from these schemes in the last five years? Give details.

- Various types of advances
- Appointment on compassionate ground
- Thrift and Credit Society
- Health Scheme
- House Building Advance

- Loan for vehicle
- Special Leaves (Extra ordinary leave for taking up research and teaching assignment abroad).

6.3.4. What are the measures taken by the University for attracting and retaining eminent faculty?

- Offer of promotion
- Offer of on-campus accommodation
- Seed money for research
- Cash incentive for high impact factor publications and high citations

6.3.5. Has the university conducted a gender audit during the last four/five years? If yes, mention a few salient findings.

No specific audit has been conducted. However, University consistently analyzes enrolment of femal students and represent the same various reports and presentations. There has been consistent enhancement in enrolment of female students and currently female constitute more than 40% of student population.

6.3.6. Does the university conduct any gender sensitization programmes for its faculty?

Yes. Equal Opportunity Cell conduts gender sensitization programmes such as lectures/seminars. Special programmes on ‘Women’s Day’ are conducted.

6.3.7. What is the impact of the University’s Academic Staff College Programmes in enhancing the competencies of the university faculty?

- Jamia Hamdard encourages teachers attend ‘Orientation Programmes’ and discipline-specific ‘Refresher Courses’ at various Academic Colleges (**UGC-Human Resource Development Centres**) of other Universities.
- Impact of these programmes on pedagogical perception of teachers is also assessed internally.

6.4. Financial Management and Resource Mobilization

6.4.1. What is the institutional mechanism available to monitor the effective and efficient use of financial resources?

- Finance Committee which has representative of University, Sponsoring Foundation and UGC regularly meets and peruses effective and efficient uses of financial resources.

- Reports of auditors are also taken into consideration and are placed before finance committee and board of management
- University has also engaged competent agencies to undertake due diligence of financial resources. Besides various advisory committees and a professional cost and management accountant as finance officer an effective internal financial control is in place

6.4.2. Does the university have a mechanism for internal and external audit? Give details.

- Yes the university has a mechanism for in house internal check system, internal audit by firm of chartered accountants and statutory audit. The statutory auditors are appointed with the approval of finance committee.
- Besides the accounts of the university are also open to check by CAG as the university receives part of plan and even plan grants from UGC

6.4.3. Are the institution's accounts audited regularly? Have there been any major audit objections, if so, how were they addressed?

- Yes, the university's accounts are regularly audited by statutory auditors, a firm of Chartered Accountants appointed by Finance committee.
- The audit is update and the accounts of 2014-15 are already certified and adopted by BOM

6.4.4. Provide the audited income and expenditure statement of academic and administrative activities of the last five years.

The audited income and expenditure for the last five years are enclosed

6.4.5. Narrate the efforts taken by the University for Resource Mobilization.

- Efforts for grants from Government agencies.
- Efforts for grant from international agencies.
- Collaboration with industry.
- Introduced many additional courses.
- Endowment fund.
- Regular follow up for enhancement of fixed maintenance grants by ugc from existing level of Rs. 8 Crores to Rs. 16 Crores a year. Similarly enhancement of grant by sponsoring agency.

6.4.6. Is there any provision for the university to create a corpus fund? If yes, give details.

Yes, university has created two corpus fund besides reserve fund and building fund. The copus funds are as per the UGC Regulations. Currently, there is a copus fund of Rs. 55 crores the form of fixed desposits.

6.5. Internal Quality Assurance System

6.5.1. Does the university conduct an academic audit of its departments? If yes, give details.

Yes.

6.5.2. Based on the recommendations of the academic audit, what specific measures have been taken by the university to improve teaching, learning and evaluation?

Specific recommendations of experts have been implemented with respect to teaching, learning and evaluation. Auditing of learning resources (Library) was conducted and recommended were recommended.

6.5.3. Is there a central body within the university to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

- At the University level it is done through Standing Committee of the Academic Council.
- At the Faculty level the Faculty Committee reviews the teaching learning process.

6.5.4. How has IQAC contributed to institutionalizing quality assurance strategies and processes?

- IQAC and the Office of the Advisor (Research) promote quality in academic and research conduct of the university.
- Various benchmarks have been set for research.
- There is major emphasis on quality of publication and quality of thesis.

6.5.5. How many decisions of the IQAC have been placed before the statutory authorities of the University for Implementation?

- Decsions of IQAC with respect to Career Advancement Scheme (CAS) were appaorvd by the Board of Management and subsequently implemented.
- Recoemndations of IQAC with respect to XII Plan proposal of the University were endorsed by the Academic Council and Board of Management and were incorporated in the XII Plan proposal submitted to UGC.

- Minutes of IQAC Committee meetings are reported to Academic Council and Board of Management.

Minutes of IQAC Committee are placed on the IQAC web page of the University web site. (<http://jamiyahamdard.edu/iqac/>).

6.5.6. Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

Yes. There are External Members from academic organizations, research institutes and industry. These members activity contribute to the deliberations at the meeting of the IQAC Committee.

6.5.7. Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

IQAC analyses admission data and based on this analysis the Admission Committee launches efforts to conduct admission campaigns to attract students from areas.

Admission has been decentralized. Deans of Faculties take steps to increase admission applications. They constitute various committees and devise means of reaching to the prospective students.

6.5.8. What policies are in place for the periodic review of administrative and academic departments, subject areas, research centres, etc.?

- Committee for review of Memorandum of Undertaking (MoU) arrangement with various research and academic organizations.
- Review of UGC-Special Assistance Programme (SAP) at various Departments of Faculties of Pharmacy and Science.
- Review of research progress of Post-doctoral Fellows working in various Departments of the University.
- Review of benefits of attendance in Orientation Programmes, Refresher Courses, Quality Improvement Programme and Faculty Development Programmes conducted at Academic Staff Colleges and other Institutions.

Any other information regarding Governance, Leadership and Management which the university would like to include.

- Participation in the All India Survey of Higher Education (AISHE) conducted by the Ministry of Human Resource Development (MHRD), Government of India for years 2011-12, 2012-13, 2013-14, 2014-15 and 2015-16.

Jamia Hamdard – Self Study Report for Third Accreditation Cycle

- In the AISHE 2014-15 and 2015-16 as per the requirement data on other minority have also been provided and uploaded successfully.
- Participation in National Institute Ranking Framework (NIRF) conducted by the Ministry of Human Resource Development (MHRD), Government of India.

CRITERION VII: INNOVATIONS AND BEST PRACTICES

7.1. Environment Consciousness

7.1.1. Does the university conduct a Green Audit of its campus?

Yes, the Eco Club Committee conducts Green Audit in the campus on yearly basis to ensure and keep account of the following aspects:

- Maintenance of the biodiversity of the campus
- Renewal of energy (Solar Plants)
- Segregation and disposal of Waste
- Rain Water Harvesting
- Flora and fauna of the University
- Green belt maintenance

7.1.2. What are the initiatives taken by the university to make the campus eco-friendly?

The following initiatives are taken by the university:

1. **Eco Club** has been established in collaboration with Department of Environment, Government of NCT which hosts various eco friendly activities. The University became a member of Eco Club in November 2012 and the activities are co-ordinated by the Faculty of Nursing.

The activities under this include:

1. Motivating the students to keep their surroundings green and clean by undertaking plantation of trees. (Forest Department provides free saplings from its 14 nurseries under the collaboration with Department of Environment, Government of N.C.T. of Delhi).
2. Promote ethos of conservation of water by using it judiciously.

3. Motivating the students to imbibe habits and life style for minimum waste generation, source separation of waste and disposing the waste to the nearest storage point.
 4. As part of the curriculum requirement under Community Health Nursing, the students impart health education amongst public and sanitary workers on curbing the indiscriminate burning of waste which causes respiratory diseases.
 5. Sensitizing the students to minimize the use of plastic bags, not to throw them in public places as they choke drains and sewers, causing water logging and thereby providing a breeding ground for mosquitoes. Added to that, in a one hour class, 10 minutes are devoted to teach the students about various aspects of environmental hygiene and sanitation.
 6. A lecture was organized on Vermitechnology and model of vermicomposting was prepared and demonstrated during the session.
 7. Organizing tree plantation programmes, awareness programmes such as quiz, essay, painting competitions, rally's, nukaad nataks etc. regarding various environmental issues and educate children about re-use of waste material & preparation of products out of waste.
 8. A group of students from Oshkosh University, Wisconsin, USA visited the Herbal Garden of Jamia Hamdard on January 12, 2011.
 9. Organizing Free Nature Trail in Wild Life Sanctuaries/Parks/Forest areas in an effort to know more about the Bio-diversity under the collaboration with Department of Environment, Government of N.C.T. of Delhi.
 10. Medicinal trees and plants (known a *Khari* in Unani) were planted by Dr. Syed Asad Pasha, Deputy Advisor (Unani), Department of AYUSH on March 27, 2011.
2. **Plantation** to a greater extent and water harvesting has been done in the campus. Maintenance of herbal garden and horticulture is done regularly. 180 species have been planted in the campus. (As per the Report – J.H. Herbal Garden At – a – Glance, 1989 – 2014). Plantation drives are being often conducted in the University. The green lawns and green belt in and around the campus are being maintained.



3. **Green Protocols - Environment Consciousness**, have been made which has been distributed and displayed in each department of the University and is being followed in all faculties.



GREEN PROTOCOLS: ENVIRONMENT CONSCIOUSNESS

- Plantation/ Greening Drive: Plant more trees to make the environment green.
- Switch off the lights and fans of a room, corridor when not required and replace the bulbs with LED's.
- Follow 3R's rule i.e. reuse, recycle & reduce for conservation of resources.
- Close the water taps after use and get the leaking taps fixed.
- Use Jute bags/ paper bags instead of plastic bags.
- Disposal of garbage/ Zero Garbage Concepts – Implementing Vermi-Composting of Bio-degradable waste and recycling of non- biodegradable waste. Do not litter indoors and outdoors. Throw garbage in dustbin only.
- Conservation of water through Rainwater Harvesting.
- Do not spit on walls and roads in the university.
- Do not honk in the university premises unnecessarily.
- Do not burn dead leaves, waste papers and any type of garbage, which is offensive.
- Avoid wastage of papers, use both sides of paper. Use e-mode of communication.
- Get your vehicles checked for Pollution Under Control (PUC).
- Use public transport and promote carpool.
- Promotion of the various campaigns of Department of Environment.

Centre for Environment, Jamia Hamdard
(At Faculty of Nursing)



GREEN PROTOCOLS

A Centre for Environment - Environment consciousness has been established in the University with Faculty of Nursing as the focal point. This centre serves as a central point for holding all initiatives pertaining to Environment and Eco-Club for Jamia Hamdard.

4. **No smoking campus- Tobacco Free campus:**

- a. Jamia Hamdard University is a smoke-free and Tobacco-free campus. All the students, faculty members and staff are apprised of the no-smoking guidelines and the same is prominently displayed at many sites in the campus.
- b. Department of Community medicine, HIMSR organized a sensitization workshop for housekeeping staff and security staff of the University on harmful effects of tobacco and tobacco cessation on 1st June 2015
- c. World No Tobacco Day, 31st May is celebrated every year to mobilize the students and faculty on the harmful effects of tobacco

5. **Sanitary Inspection:**

- a. Sanitary inspection is conducted after every two months in all the hostels and food establishments of the university by the Department of Community Medicine, HIMSR. This also includes medical examination of food-handling staffs.
- b. A Training Programme on Food Safety and Hygiene was conducted by Department of Community Medicine, HIMSR on the occasion of World Health Day, April 7, 2015, to sensitize the staff about the importance of correct practices in food safety.

6. **Swachh Jamia Hamdard Campaign:** Motivated by the call of Swachh Bharat Abhiyan, the University celebrated Swachh Jamia Hamdard on October 2, 2014. This event was marked by a cleanliness drive in and around the campus, in which students, faculty and staff overwhelmingly participated.

7. **Rain water harvesting:** The University follows rainwater harvesting in its campus to meet a substantial part of its colossal needs. Rain Water Harvesting plants have been

installed in the campus. A total of 17 wells have been installed. Every drop of water is conserved through Rain Water Harvesting.

S.No.	Location	Number of Wells
1.	Faculty of Science Building	02
2.	IBN – e – Batuta Hostel	01
3.	JLN Hostel	01
4.	Scholars House	01
5.	HIMSR Building	03
6.	Hamdard Convention Centre	01
7.	HARC Building	01
8.	Faculty of Pharmacy	01
9.	Unani Hospital	01
10.	Central Library Building	01
11.	Well Near Gate No – 6 (Storm and Road Water)	01
12.	CARPS Building	01
13.	HAHC Hospital	02
	Total Wells	17 Nos.

8. **Waste management:** The University manages its waste autonomously and uses the effluent through STP for the purpose of gardening in the campus. Segregation of waste is being done as per as the Department of Environment, Government of NCT guidelines. Biomedical Waste (Generated in Hospital) is disposed as per the norms of National Infection Control Department (Biomedical waste is dumped in Utility Room and disposed off through Delhi Waste Management (DWM). Sterilization is taken care through Central Sterile Supply Department (CSSD). MoU has been signed with Biotech Waste Solutions for the treatment and safe disposal of waste.

9. Solar energy: The International Hostel, Girls Hostel and Hospital in the University has installed solar panels for water heating purposes.

S.No.	Description	Location	Capacity	Date of Installation	Installed By
1.	Solar System	Hospital	6000 LPD	Nov – 15	Green Tech. India
2.	Solar System	Girls Hostel	6000 LPD	10. 11. 13	Cornic Techono Pvt. Ltd. (TATA)
3.	Solar System	International Hostel	7500 LPD	Nov 13	Jain Irrigation Pvt. Ltd.

10. STP and ETP Plants: Installation of STP and ETP plants (3 in number) for the treatment of liquid waste. This treated effluent water through STP is used for gardening purposes in the lawns of the campus.

S.No.	Description	Location	Capacity	Date of Installation	Installed By
1.	ETP/STP	Hospital	400 KLD	26.7.15	Meera Green Tech Pvt. Ltd.
2.	ETP/STP	HAHC Hospital	250 KLD	Mar 12	Brisanzia Tech.

11. To keep the students updated with the environment consciousness, a qualifying course, subject titled – *‘Environmental Sciences’* has been adopted in the first year syllabus of all courses in Jamia Hamdard as per UGC guidelines. 32 hours (2 credits) have been allotted for this subject. Added to that, in one hour class, 10 minutes are

devoted to teach students about various aspects of Environmental Hygiene and Sanitation to create a culture of environmental friendliness.

12. An event was planned on November 11, 2013 under which a plot was allotted for the undergraduate students at the Herbal Garden of Jamia Hamdard. Various eminent personalities were invited to inaugurate the activity. Chief Guests were, Dr. Bulbul Sood, Country Director, JHPIEGO India Office, Hon'ble Vice- Chancellor - Dr. G.N. Qazi, Dr. Firdous. A. Wani, Registrar, Prof. (Dr.) Manju Chhugani, Principal Rufaida College of Nursing planted the saplings in the initial phase, and the activity was later, carried on and maintained by the Nursing students.



PLANTATION BEING DONE BY DR. BULBUL SOOD, DR. G.N. QAZI, DR FIRDOUS A. WANI AND PROF. (DR.) MANJU CHHUGANI

13. A visit to the Institute of Himalayan Bio resource Technology (IHBT), Palampur, HP for the purpose of plat collection was made on April 18, 2011. Undergraduate students attended a One Day Film Festival based on the theme of 'Environment and Wildlife Film Festival Forum' on February 3, 2014. Students gained knowledge on current environmental changes and problems related to it. A special visit was organized for undergraduate students of the Faculty of Nursing to Herbal Garden, Jamia Hamdard. Visit to Asola wildlife sanctuary was made on December 19, 2014. The students had

free nature trail of 2 Km, exposing floral & faunal elements and topography of the area. As an active member of Eco Club, Govt of India, Faculty of Nursing, Jamia Hamdard organized a poster competition on the topic: ‘Save Yamuna’ at Inter Faculty level. Dr. B C Sabata, Senior Scientific Officer, Department of Environment, Government of NCT of Delhi was guest for the event. A visit was made to Okhla Wildlife Sanctuary by 25 staff nurses of Hakeem Abdul Hameed Centenary Hospital. ‘One Plant One Person Can Change the Climate’ initiative was taken up by Faculty of Nursing to inculcate the habit of taking care of one plant by one person. Competition of ‘Best Out of Waste’ was organized for undergraduate students.



14. In accordance with the future plans for the year 2015 and in order to continue the plantation drive in the university campus, DAKSH Skill lab, training centre for the midwives was the next focus. Dr. G.N. Qazi, Hon’ble Vice Chancellor, Jamia Hamdard, Dr. Firdous A Wani, Registrar, Jamia Hamdard, Prof. (Dr.) Manju Chhugani, Principal, Faculty of Nursing, and Prof. (Dr.) Javed, Dean Faculty of Science were the eminent guests from Jamia Hamdard for plantation at the Skills Lab. The plants bought were Papaya, Mango and Guava and keeping in mind the fertile soil near Skills Lab, it was decided that Ashoka plants would be planted in this site.
15. **Visit at Biomedical Waste Treatment Plant - Delhi** on December 18, 2015. A group of 14 staff nurses and faculty member, Ms. Nahid Zebi visited SMS Water Grace BMW Pvt Ltd, Centralized Biomedical Treatment Facility, DJB, STP, Nilothi, Delhi on December 18, 2015. The main objective of the visit was to

understand the systematic process of segregation as well as the management of biomedical waste generated at the hospital. Mr. Prabal Pratap Singh, scientific officer gave a short presentation about the physical set up of the plant and its functioning. During the presentation, Mr. Prabal Pratap Singh informed that the plant receives about 7 to 9 tons of biomedical waste from south zone of Delhi.

16. A series of lectures were delivered on Environmental Consciousness on December 31, 2015 in an event organized at Convention Centre, Jamia Hamdard to commemorate the birth anniversary of Dr. S.Z. Qasim, Indian Marine Biologist. This event was organized in collaboration with NESAI – (National Environmental Science Academy).

17. A ‘One Day Awareness Programme’ was organized on January 14, 2016 at Hamdard Convention Centre by Faculty of Nursing, Jamia Hamdard. In this programme these events were held:

- Debate Competition on the topic – Curbing Air Pollution – Odd and Even Formula
- Two Session on Current Environmental Issues and Bio-Medical Waste Management
- Unveiling of ‘Green Protocols’ by the Hon’ble Vice Chancellor – Dr. G.N.Qazi
- Distribution of Ozoniser Plants to all the faculties of Jamia Hamdard

The students from the university participated in these events. The dignitaries present were Dr. B.C. Sabatta, Senior Scientific Officer, Department of Environment, Government of NCT of Delhi and Mr. Sidharth Gautam from Delhi Pollution Control Committee.

7.2. Innovations

7.2.1. Give details of innovations introduced during the last five years which have created a positive impact on the functioning of the university.

1. FACULTY OF NURSING

- 1. mLabour Application** was used by the staff nurses to improve their practice: A study with an aim to assess the usability and feasibility of mLabour in a real life setting was conducted in Hakeem Abdul Hamdeed Centenary Hospital, Jamia Hamdard, New Delhi under the Memorandum of Understanding & Sub contract Agreement between Jamia Hamdard (Party of the First Party is the Subcontracting Team) and Dimagi Software Innovations Pvt. Ltd. (Party of the Second Part). The purposes of the study were to see if a more innovative approach to the partograph, improves completion compliance and if the built in decision support, automatic graphing, improve the user's experience and to overall assess the usability of mLabour. The mobile partograph, a novel mobile tool can provide real-time decision support to healthcare providers in order to assess the course of labour and carry out appropriate interventions as necessary. mLabour, is a mobile health decision-support application built on Dimagi's open source platform, CommCare. In order to achieve the objectives, a mixed research approach method was adopted. The sample comprised of 12 labour ward nurses. The sampling technique used in this study was Total Enumeration. The study duration was from 16th March 2015 to 24th April 2015. Data sources were the following: CommCare data, screenshots of mLabour partographs, scans of corollary paper partographs, focus group discussions (FGDs), and direct observations. 109 mothers used the mLabour application and 82 mothers used it during the study. Out of 82 mothers, in only 15.85 % of the subjects, the paper partographs were completely filled, 4.87% were partially filled, and 79% were not filled. Out of 82 mothers, the majority (71%) had FTNVD as the outcome of delivery and 29 % had LSCS. The focus group discussion were divided into five generative themes - benefits of the mLabour Application, demerits of the mLabour Application, ease of adapting to a new approach, improvement in the contribution of patient care and challenges faced by the staff nurses. The introduction of this mLabour application made the labour ward nurses feel more responsible and accountable for their work. They had more ownership and authority over the patient enabling in real time decision support, thereby contributing effectively to patient care.



mLabour Prototype: Case Tile

Table 1 (Quantitative Data Analysis)
Frequency and Percentage

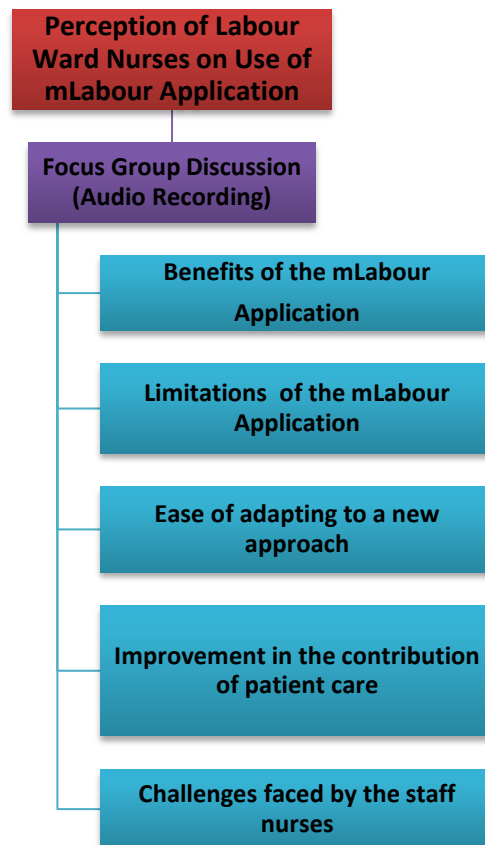
n = 82

S.No.	Category	Frequency	Percentage (%)
1.	Order of Parity of the Mothers		
	<ul style="list-style-type: none"> • Primigravidae • Multigravidae 	32 50	39 61
2.	Paper Partograph		
	<ul style="list-style-type: none"> • Completely Filled • Partially Filled • Not Filled 	13 04 65	15.85 4.87 79.2
	Outcome of Delivery		
3.	<ul style="list-style-type: none"> • FTNVD* • LSCS* 	58 24	71 29

*FTNVD – Full Term Normal Vaginal Delivery

*LSCS – Lower Segment Caesarean Section

QUALITATIVE ANALYSIS



Schematic Representation for Qualitative Analysis

2. Students Advisory Council and Research Council have been established in the faculty which gives opportunity to students to interact with the Hon'ble Vice Chancellor.
3. The faculty members are motivated to publish their research papers and the individual who has published their papers in the journal with high impact factor are awarded with cash prize and certificate on the occasion of National Science Day and this also serves as one criteria for their promotion.
4. Journal Club is organized to keep the students updated on the latest researches.
5. Suggestion box is kept for free expression by students of their grievances, suggestions, feedback etc. to the principal.
6. Encouraging foreign students from different countries to join various programmes offered by the University.

7. Alumni Association is created to make a network of alumni and provide a platform to them to utilize their professional expertise and competencies for the upliftment of the University.
8. Interactive Web page of the Alumni has been created on the University website.
9. A week long Induction Programme is an annual feature of the University which helps the newly admitted students to get acclimatized and oriented to the University culture.

2. FACULTY OF UNANI MEDICINE (DEPARTMENT OF JARAHİYAT)

The Department of Jarahiyat have created a new regimen to treat diabetic gangrene, non-healing ulcers and Venous Ulcers. The department is in process developing an SOP.

3. DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

- Department has developed an Automated mark sheet generation software.
- Mobile Multichannel Biomedical Device: Department of Computer Science and Engineering has developed a portable mobile healthcare unit which records vital signs from the body and can transmit it digitally to hospital. It can record temperature, blood pressure, sugar level and ECG. This device can be used by our medical college (HIMSR) and hospital (HAHCH)
- Software information system for hospital management has been developed for HAHC Hospital.

7.3. **Best Practices**

7.3.1. **Give details of any two best practices which have contributed to better academic and administrative functioning of the university.**

BEST PRACTICE - I

1. **Title of the practice: National Skills Training Centre – “Daksh”, Jamia Hamdard**, with the joint collaboration of Ministry of Health and Family Welfare, GoI and Liverpool School of Tropical Medicine

2. **Objectives:** The training focuses on the major aspects Maternal and Child Health with an objective
 - Reducing the MMR and IMR.
 - To give hands on training to the students
 - To improve the skills of the students and make them feel more competent and confident

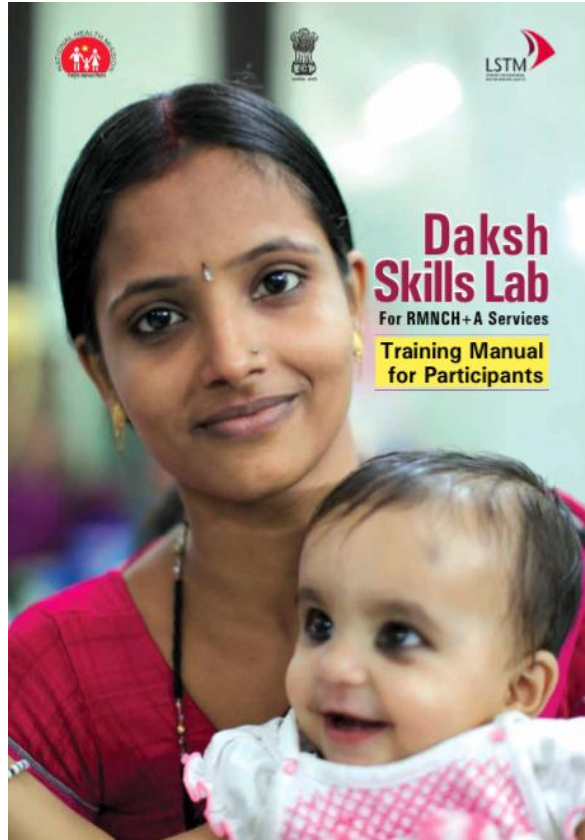
3. **The Context:** The training program gives, after which they feel more confident and competent. It gives integration of Pre-service and In-service candidates, thus promoting standardization of protocols. It also promotes collective learning and building team spirit between doctors and nurses to deal effectively during obstetric emergency situations requiring life support interventions.

4. **The Practice:** The National Skills Training Centre – “Daksh”, Jamia Hamdard was inaugurated on February 4, 2016. The Chief Guest was Shri. C.K. Mishra, Additional Secretary and Mission Director, Ministry of Health and Family Welfare, Government of India. A 6 day training program has been prepared which includes pre – post OSCE and knowledge test, video presentation, skill stations (concurrent sessions), plenary sessions, supervised skill practice, skill evaluation, power point presentations, role plays etc.

5. **Evidence of Success:** The trainings held at this centre has proved beneficial for the trainees and students in improving their vista of knowledge. The details of the trainings held are as follows:

Trainers	04 (1 Doctor, 3 Nurses)
Administrative Support Staff	01
Number of Trainings Held as on March 15, 2016	31
Training of Master Trainers	02
Faculty Training	01
Pre – Service Training	11
Trainings of Participants from states	15
Training of Program Officers from Jhpiego	02

6. **Problems Encountered and Resources Required:** There are certain issues like confirmation of participants from the states are received only a day before the commencement of the training, which makes it difficult for the smooth facilitation of the trainings.



TRAINING MANUALS



NATIONAL SKILLS TRAINING CENTRE – “DAKSH”, JAMIA HAMDARD



BEST PRACTICE - II

1. Title of the Practice: Merit cum Means Scholarships and Freeships

2. **Objectives of the Practice:** To help financially weaker section of students to go for higher students and specifically minority students.

3. **The Context:** To carry forward the legacy of the founder Hakeem Abdul Hameed who was a philanthropist that no student should be denied access to higher education because of financial difficulties, the university has adopted the best practice, merit cum means scholarship and freeships to promote higher education amongst the minority section.

4. The Practice

Students who are in financial difficulty may need fee concessions, scholarships, etc.

The following scholarships are given:

- ***Hakeem Abdul Majeed Merit Scholarship*** of Rs.125 per month tenable for one year is awarded to the students of Jamia Hamdard who secure highest marks in the following examinations:
 - B. Pharm. I, II & III year (Regular, I Shift)
 - B.U.M.S. I, II & III Professional
 - B.Sc.(Nursing) I, II & III year
 - M.Sc. I year
- ***Hakeem Abdul Hameed Fellowship*** to M.D. (Unani) students.
- The students of Diploma in General Nursing & Midwifery are given monthly stipend as approved from time to time.
- ***Hamdard Research Fellowships*** of Rs.4000/- per month is available for 10 PhD. students.

- *Maulana Wahid Hussain Memorial Merit Scholarship* for BUMS, II Professional student.
- *Dr. Maqbul Husain Jafri Memorial Scholarship* for BUMS, III Professional student.
- *Maulana Shah Mustafa Raza Merit Scholarship* to the student who secures highest marks in the Admission Test for M.A. (Previous).
- *Maulana Ahmad Raza Merit Scholarship* to the student who secures highest marks in the M.A. (Previous) Examination.
- *Tasmia Merit Scholarship* of Rs.500 per month for ten months for a M.Sc. final year student of M.Sc. Biotechnology.

5. Evidence of Success

Improvement in the performance of the students in the college is an evidence of success.

Rs. 2,74,00,000/- has been provided to the students in the last five years.

6. Problems Encountered and Resources Required: No major problem encountered.

BEST PRACTICE - III

1. Title of the Practice: PUBLICATIONS LINKED PROMOTIONS

2. Objectives of the Practice:

- To establish and promote an environment of conducting and disseminating research findings.
- To maintain a professional network for academic and intellectual stimulation.

3. The Context:

In light of the UGC guidelines and research being one of the important facet of the academics and the promotions being linked with publications and as well as to improve the knowledge base of the professions, a need was felt to enhance the number of publications.

4. The Practice:

The deans of the faculties created awareness amongst their respective teaching staff about undertaking research and publishing them in reputed indexed and high impact factor journals. The publications were linked with promotions. One of the criteria for CAS and API scoring was based on number of publications in national, international journals, indexed journals and impact factor of these journals. Jamia Hamdard has taken initiative to implement Career Advancement Scheme (CAS) and Performance Based Appraisal System (PBAS) for promotion of teachers under different categories as per the UGC Regulations, 2010. The promotion under the Career Advancement Scheme for the faculty members is based on the percentile system on API Score. The Eight faculties of Jamia Hamdard are categorized into three groups (A, B, C) for the purpose of API Scores. The Internal Quality Assurance Cell (IQAC) committee for CAS considers a percentile based system where the highest verified API scores is considered for deriving the percentile and API scores of other candidates under the same category of promotion stages are accordingly derived and candidates fulfilling minimum set percentile are considered for promotion.

5. Evidence of Success:

The number of publications of faculty members have increased significantly as the data related to publications by teachers of various faculties show. More and more teachers are publishing in journals with very good impact factors. Faculty of Nursing has taken initiative to publish its own journal, namely International Journal of Nursing and Midwifery Research to promote the practice of publication of papers by students and teachers.

Amongst various parameters of the **QS University Rankings: BRICS countries (Brazil, Russia, India, China and South Africa)**, Jamia Hamdard has been ranked at **23 for Citations Per Paper with a score of 93.2**. Only 5 universities are ahead of us in India in this indicator.

6. Problems Encountered and Resources Required:

- None.

Best Practices at the Hamdard Institute of Medical Sciences and Research

BEST PRACTICE - I

1. **Title of the practice:** Early Clinical Exposure
2. **Objectives of the Practice:**
 - a. To sensitise the students on the clinical aspect of basic sciences
 - b. To generate interest in medical studies
 - c. To develop higher levels of learning
 - d. To bring vertical integration of curriculum
3. **The Context:** In medical education, students learn subjects sequentially in the order of pre-clinical, para-clinical and clinical subjects in the first, second and third professional MBBS. The practice of early clinical exposure disrupts this by introducing some clinical aspects right from the first professional MBBS.
4. **The practice:** Students of First Professional MBBS attend clinical and research meeting every week, in which interesting clinical cases are presented by faculty members of various departments. In most of the presentations, UG students also present a part of the topic. The presentation is a mix of basic sciences and clinical aspects taking into consideration the level of students and to bring in clinical corroboration.
5. **Evidence of Success:** Research studies have been conducted on this topic and published.

Husain M, Khan S. Early clinical exposure – When and How. A Students’ Perspective. Accepted for publication in Journal of Research in Medical Education and Ethics.
6. **Problems encountered and resources required:** Coordination amongst various departments is required to further this practice. Also, it is difficult to dedicate time to this special activity every week in the already packed medical curriculum.
7. **Notes:** This is an innovative and internationally recommended practice, which is emphasized even in MCI’s vision 2015 document and should be implemented by all medical colleges to make medical education interesting and clinically relevant.

BEST PRACTICE - II

1. **Title of the practice:** Student Mentorship Programme
2. **Objectives of the Practice:** Creating bond between faculty members and students

Addressing academic and non-academic concerns of students in a friendly manner.
3. **The Context:** MBBS is a long and difficult course, with a number of students having stress related to studies and other aspects of studentship. Most of the MBBS students are hostelites and away from family. Under such circumstances, there is a need of a friend, philosopher and guide who can counsel, motivate or support them in academic and personal aspects. The mentorship programme was conceived with this need in mind.
4. **The practice:** Every student in MBBS course of HIMSR is allotted a faculty member as a mentor for the entire duration of the MBBS course. This mentor build a mentor-mentee relationship with the student and helps them in coping with the stressful MBBS course, making career decisions, adjusting with changed and competitive environment of medical college and avoiding stress. This also helps in putting forth the students' grievances and resolving many issues at the earlier stage.
5. **Evidence of Success:** Research is ongoing on this practice in medical college but preliminary evidence suggests that it has helped in the bonding of the students and faculty members and many issues which were hitherto unaddressed have now come to fore and got resolved.
6. **Problems encountered and resources required:** Not all students or faculty members are in favour of this exercise. Some faculty members do not find time to spend with their mentee. As a result, some mentees desire change of their mentor's mid-way.
7. **Notes:** This is a promising exercise with potential for success, if it is nurtured with patience.

BEST PRACTICE -III

1. **Title of the Practice:** Hand Hygiene
2. **Objectives of the Practice:** To sensitize

3. **The Context:** Celebrate Hand Hygiene Day
4. **The Practice:** Lecture, Skit, Correct Hand Hygiene practice, Role plays, poster competitions
5. **Evidence of Success:** Better awareness of hand hygiene practices

BEST PRACTICE - IV

1. **Title of the Practice:** Biomedical Waste Management
2. **Objectives of the Practice:** To sensitize students regarding possible hazards of biomedical waste
3. **The Practice:** Lecture
4. **Evidence of Success:** Spread of hospital associate garbage around the campus has decreased
5. **Problems Encountered and Resources Required:** Nil

BEST PRACTICE -V

1. **Title of the Practice:** Use of clay models for teaching and learning embryology
2. **Objectives of the Practice:** Cost effective and better understanding of human embryology and fetal development.
3. **The Context:** Teaching and understanding embryology
4. **The Practice:** Use of ordinary clay, used plastic balls and paper
5. **Evidence of Success:** Better understanding by students (from feedback)

BEST PRACTICE - VI

1. **Title of the Practice:** Biomedical Waste Management
2. **Objectives of the Practice:** prevention of infections, cross contamination
3. **The Context:** infection control
4. **The Practice:** Segregation of bio medical waste at source
5. **Problems Encountered and Resources Required:** education of outsourced personnel handling waste

BEST PRACTICE - VII

- 1. Title of the Practice:** Free Health Camps
- 2. Objectives of the Practice:** Education and motivation of public
- 3. The Context:** Dental diseases in public
- 4. The Practice:** Health Camp

BEST PRACTICE - VIII

- 1. Title of the Practice :** Conducting public forums on contraception and cancer awareness
- 2. Objectives of the Practice:** Educating patients regarding the disease and improving communication skill of students
- 3. The Context:** Education
- 4. The Practice:** Public forum.
- 5. Evidence of Success:** communication skills of the students is improving

BEST PRACTICE - IX

- 1. Title of the Practice:** Cervical screening by Pap smears
- 2. Objectives of the Practice:** Early detection of cervical malignancies
- 3. The Context:** Commonest malignancy amongst women in India
- 4. The Practice:** Screening is being done routinely in collaboration with the Obs & Gynae Department
- 5. Evidence of Success:** Early diagnosis of cancer and precancerous states has enabled Timely management of these cases

Best Practices at Ruffada College of Nursing

BEST PRACTICE - I

- 1. Title of the Practice:** Clinical practice (Hospital) and Education (College of Nursing) is both interfaced with each other being served as common head.
- 2. Objectives of the Practice:**
 1. To prepare competent nurse professionals par excellence.

2. To focus on training of professional nurses to meet the challenges on health care delivery and inculcating the mental framework in students for continued personal & professional growth.
3. To bridge the gap between theory and practice.

3. The Content

The nursing students go to the clinical areas for clinical experience in different hospitals and field visits during their training.

a) Hospital in which students go for clinical experience

1. HAH Centenary Hospital- 470 bedded
2. Safdarjung hospital- 1531 bedded
3. IHBAS- 255 bedded
4. VIMHANS- 34 bedded
5. Dr. RML Hospital – 38 bedded (Psychiatric Unit)
6. Lady Hardinge Medical College
7. Tulsi Halfway Home

b) Community Health Nursing

1. Ruffaida Health Centre, Sangam Vihar
2. Health Centre cum Maternity Home, IPP VIII, Badarpur
3. Family Welfare Centre, Ruffaida Health Centre

4. The Practice: Clinical hours are allotted for each subject as per the Indian Nursing Council norms, during which they are posted in clinical areas for hands on practice. Students in the clinical areas are supervised by the Clinical Instructors and Tutors. Library hour is planned in the time-table and a weightage of 5 marks is allotted for attendance which encourages students to be regular for classes. Formative and Summative Evaluation of the students are done by the teachers accompanying them to their clinical areas. Parent Teacher Meetings are organized after each mid semester tests and end semester exams, where in the students performance are shared with their parents and their progress report are sent to them. Students and their parents are counselled subsequently.

5. **Evidence of Success:** The students passed out of Faculty of Nursing are placed in the campus as well as in many reputed institutions in the country (government and private) and other countries. Skilled and well trained nursing professionals are prepared who contribute significantly to the health care delivery system of India and abroad.
6. **Problems Encountered and Resources Required:** problem of attendance and disciplinary issues have been faced at times. Students who come from economically weaker sections find it difficult to carry on with their course due to the financial constraints. Scholarships and fee concessions are arranged at present, however free ships can be offered to students on merit cum means basis.

BEST PRACTICE - II

1. **Title of the Practice:** Social outreach programmes conducted under Community Health Nursing at Rufaida Health Centre
2. **Objectives of the Practice:** To provide preventive, promotive, therapeutic and restorative health care services to the Urban Population of Sangam Vihar
3. **The Content:** Relevant to the subject / course; students get exposed to the practical world and can correlate with theory. Unmet and felt needs of the community are catered to.
4. **The Practice:** The thrust area is vulnerable group like mother and child. Information, Education and Communication (IEC) activities and awareness camps are conducted on control of TB and other common communicable diseases. In-service education is given to ANMs and ASHAs on topics like antenatal care, baby care, management of diarrhoea, malnutrition etc. Projects and camps are organized on a regular basis in schools, anganwadis and families on topics like alcoholism, drug addiction, nutrition, breastfeeding, immunization, environmental sanitation, antenatal care, worm infestation, diarrhoeal diseases, healthy cookery practices, good habits, prevention of mental illnesses, etc.
5. **Evidence of Success:** Good rapport with the clients, compliance with Immunization among under 5 children. Information and data are maintained in the registers like clinic attendance, family health records, antenatal records, well baby records, etc.
6. **Problems encountered and resources required:** Lack of provision of permanent manpower at the center, hence continuity of the services is sometimes hampered.

Commutation to the center remains a challenge due to lack of civic amenities. To provide quality community health care, separate funds and material resources to run the center on ongoing basis are required.

Other best practices:

a. International Collaborations:

- 1. Collaboration between Kungsholmens Vastra Gymnasium, Stockholm, Sweden and Rufaida College of Nursing, Jamia Hamdard** in which both the parties agreed to collaborate within the framework of the Athena Project directed by the University of Higher Education Council in Sweden during the period from 01-08 -2014 to 31-12-2015. The objective of the programme was to know more about the education system in nursing care in the corresponding countries. Faculty student exchange programme between Kungsholmens Vastra Gymnasium, City of Stockholm, Sweden and Rufaida College of Nursing, Jamia Hamdard, New Delhi took a positive shape when Prof. (Dr.) Manju Chhugani, Principal, Rufaida College of Nursing, Ms. Veena Sharma, Associate Professor, Rufaida College of Nursing and Ms. Bindu Shaiju, Assistant Professor and Nine Students, Ms. Merlin Mary James, Ms. Ashin Merlin Jacob, Ms. Sheny Daniel, Ms. Priya, Ms. Dorjee Dolkar and Ms. Kalpana Thakur from MSc. Nursing batches and Ms. Parul, Ms. Smitha Varghese and Ms. Sonia Shaji from Post Basic BSc Nursing 2nd Year were selected to visit Sweden. The visit was made from May 10 – 21, 2015. The Faculty-Student Exchange Programme comprised of both learning and enjoyment. The visit helped to understand the higher education system of Sweden, especially in Health Science and Nursing. There was exposure to various levels of nursing courses, curriculum and other course details. There was an overview of the simulation labs and how they could be great platforms for life-long learning-pre-service and in-service education for both the students as well as the practicing professionals. Students had a good learning experience about the social, economic and political system of Sweden. Ms. Britta Wikman, Rector, Kungsholmens Vastra Gymnasium and Ms. Ulrika Nimstrand, International Co-coordinator, Project Manager, Entrepreneurial Learning in Schools, Education Administration, Sweden coordinated the visit to Kungsholmens Vastra Gymnasium, Stockholm, Sweden. The trip included visits to Kungsholmens Vastra Gymnasium, Red Cross University, Cardiac Centre at Danderyds Sjukhus, Karolinska Institute and City Hall. The visit

gave the participants an opportunity to generate an exchange of experience and new information about education system, culture between two countries.

The second phase of the exchange programme was from October 21 – November 1, 2015. During which 7 faculties and 18 students from Sweden came to India. They visited our faculty, university, several places in Delhi (Rashtrapati Bhawan). During their visit to our faculty, a cultural programme was organized.



- 2015- Training Course on Health Care Technique of Traditional Chinese Medicine for Developing Countries:** Beijing Traditional Chinese Medicine Research Institute organized this training course from 22nd July 2015 – 15th September 2015. The course was sponsored by Ministry of Commerce of the People's Republic of China. The objectives of the course were, to learn the basic healthcare techniques of Traditional Chinese Medicine including Acupuncture, Tuina Massage, Guasha, Cupping Therapy. 72 participants from 23 countries attended this Training Course. 3 teachers from Faculty of Nursing, Jamia Hamdard namely Dr. (Mrs.) Smriti Arora, Assistant Professor, Ms. Fareha Khan, Tutor and Ms. Ashin Merlin Jacob, Tutor] and 1 Doctor from the Faculty of Unani were the delegation from India and the first team from India, since the commencement of the Training Course in 2008. Beijing Traditional Chinese Medicine Research Institute is also the Beijing TCM clinical medical school, undertaking the education task for undertaking education task for undergraduates, masters and PhD. The hospital has an international communicating

and training center to provide programs for people who want to learn TCM all over the world.



Best Practices in Unani Medicine

BEST PRACTICE - I

1. Title of the practice:

- a) Unani treatment decreased fibrosis and improved liver functions in decompensated cirrhosis of liver (Liver failure): A case series
- b) Anti-viral & hepato-curative effect of unani formulation in the management of Chronic Hepatitis B & C

Study was conducted under Dr. Mohammad Akhtar Siddiqui (Associate Professor, Department of Moalejat, Majeedia Unani Hospital, Faculty of Medicine (Unani), Jamia Hamdard, New Delhi.

2. Objectives of the Practices:

- a) Patient's healthcare.
- b) Generation of the data of the cases of viral hepatitis B and C, and cirrhosis of liver.
- c) Training to the post graduate students of medicine.

- d) To validate the effect of Unani treatment in specific diseases where the conventional treatment is either costly or associated with adverse effects.

3. The Context: Relevant to the subject / course.

4. The practice: The practice was performed in OPD/ IPD of Majeedia Unani Hospital, Jamia Hamdard, New Delhi.

a) 107 cases of hepatitis B and 104 cases of hepatitis C have been enrolled in the OPD of Majeedia Unani Hospital. 15 patients followed strict viral protocol and Unani treatment:

i) 46.66% patients became HBsAg negative and HBV DNA undetectable in mean duration of 26 weeks.

ii) 33.33% patients, HBV DNA became undetectable in mean duration of 17 weeks.

iii) 78.72% of the patients, deranged LFT became normal in mean duration of 24 weeks.

b) Total 423 patients were enrolled in the camp held in Maswasi, District Rampur, UP, organized by Majeedia Unani Hospital, Jamia Hamdard. Out of total 423 patients, 20 patients were hepatitis B positive and 147 patients were hepatitis C positive.

c) 15 patients of Decompensated CLD were enrolled, out of which 5 patients of decompensated cirrhosis of liver were managed successfully with Unani treatment. >40% mean decrease in fibrosis observed in fibroscan in 28 weeks. deranged LFT became normal in all the cases and ascites resolved.

d) 5 cases of chronic hepatitis C have shown reduction of HCV RNA from mean of 1,88,12,591 IU/ ml to 21,88,777 IU/ ml after approximately 110 days of Unani treatment.

4. Evidence of Success: Clinical, haematological, biochemical, RT PCR, & radiological evidence in favor of efficacy of Unani treatment were recorded.

5. Problem: infrastructure & financial support is required to make the comprehensive clinical study on this subject.

6. Notes: JRF (1) & clerical staff (1), are required to compile the clinical data.

BEST PRACTICE - II

- 1. Title of the Practice :** Unani Treatment and Leech Therapy Saved the Diabetic Foot of a Patient from Amputation

Study was conducted by Dr. SM Arif Zaidi, Associate Professor, Faculty of Medicine (Unani), Jamia Hamdard

- 2. Objectives of the Practice:**

- Patient's Health care
- To validate the effect of Unani treatment in specific diseases where the conventional treatment is either costly or associated with adverse effects

- 3. Context:** Every thirty seconds, a lower limb amputation is carried out all over the world in the cases of diabetic foot. The mortality ratio is next to cancer. A lot of money is drained out on such cases every year. The Unani medicines has the potential to treat such type of cases and we have treated cases like a patient with diabetic gangrene who was on the verge of amputation, besides this other cases like threatening gangrene, non healing ulcers, venous ulcers have been treated by Unani medicine.

- 4. The Practice and Evidence of Success:** A study was performed on a 60 year old woman suffering from diabetic foot (on the left) grade 5 and facing the prospect of imminent amputation. The patient was having severe pain (80 mm on a 100 mm Visual Analogue Scale) in the gangrenous foot and foul smelling with necrosed areas. Wound dressing was done with unripe papaya as it has a very good role in clearing necrotising area and hirudotherapy was also used in poorly healing wounds. The pain score decreased to 0 – 10 mm on a 100 mm Visual Analogue Scale within 20 days and no further pain relieving medication was required. Over a time interval of nearly 3-5 months, necrotic areas disappeared and the wound was completely healed.

- 5. Problem Encountered and Resources Required :** Lack of support staff

Other best practices:

Title of the Practice: ILAJ BIL TADBEER

1. Title of the Practice: ILAJ BIL TADBEER

2. **Objectives:** Ilaj-bit-Tadabeer is a classical mode_of treatment in Unani System of medicine, in which some external and internal therapeutic measures are applied in the treatment of certain diseases. There are certain ailments which could not be treated successfully by use of only drugs, but can be cured with these therapies. The purpose of applying these methods to the body is either to excrete morbid material (Istefragh) from the body or to divert (Imalah) same to other parts where it may cause no or less harm.
3. **Context:** A worldwide awareness has been made on non-availability of curative drugs for certain diseases of human being and devastating side effects of some available drugs. Therefore, the object of Ilaj-bit-Tadabeer (Regimental therapy) is to adopt the classical mode of treatment effective in certain diseases particularly where modern medicine has also failed or gives only symptomatic relief. These classical methods have been providing effective and useful treatment based on centuries of clinical experiences by Unani physicians. There are some methods which are being practiced and experimental studies are being conducted & evaluated it some Unani centres of the country.
4. **The Practice and Evidence of Success:** Regimental therapy includes special techniques and methods of treatment to improve the constitution of body by removing waste materials and improving the defence mechanism of the body and protect health. In other words these are the best known “detoxification methods”. It is totally based on the holistic approach of health, and the major approaches of health promotion include improvement of immunity by immunomodulators, maintenance of balance in the quality and quantity of humours, moderation of six essential factors of life and adoption of regimental and dieto-therapies which are conducive to the maintenance and promotion of positive health as well as the prevention and cure of disease.

A number of regimes including Irsale Alaq (Leeching), Fasd (Venesection), Ishal (Purgation), Qai (Emesis), Idrar (Diuresis), Huqna (Enema), Hijamat (Cupping), Dalak (Massage), Riyazat (Exercise), Hammam (Bathing), Tareeq (Diaphoresis), Amle Kai (Cauterisation), Nutool (Irrigation), Inkebaab (Inhalation), Tanfees

(Expectoration), Takmeed (Fomentation), Imala (Diversion of morbid material), Ilam (Counter Irritation), Aabzan (Hydration Therapy), Zimaad have been described in Unani Medicine under *Ilaj bil Tadbeer*, most of which are carried out at Majeedia Unani Hospital, Jamia Hamdard.

The *Ilaj bil Tadbeer* centre at Majeedia Unani Hospital has quite a large number of patients of varied diseases, mostly osteoarthritis, rheumatoid arthritis, gout, sciatica, migraine, diabetic gangrene, psoriasis, insomnia, anxiety etc. Most of the cases show a marked improvement and there have been not a single case of any adverse incident since the centre has been established, which proves the safety and efficacy of the treatment provided. There have been highly successful results in certain disorders like insomnia, Diabetic foot, non-specific neck pain, psoriasis, etc. and the results have been published in reputed journals.

Leech therapy (Taleeq): *Taleeq* is an important mode of *Ilaj bil Tadbeer* in which medicinal leeches are applied in order to get rid of morbid humors. It relieves congestion and causes *tanqia-e-mawad* (evacuation of morbid humours). Scientific research has revealed that the beneficial effects of leech therapy not merely come by the decongestion of blood but the leeches also inject a cocktail of several medicinally useful bioactive molecules present in their saliva. Leech Therapy is employed in the treatment of many joint disorders like Osteoarthritis, Rheumatoid Arthritis, certain skin disorders like Eczema, psoriasis, dermatitis etc., relieving congestion in injuries, alopecia, non-healing ulcers etc.

Cupping (Hijamah): Hijamah refers to an Unani mode of treatment which is carried out by creating a partial vacuum in the cupping glasses, placed on the body surface, by means of heat or suction in order to evacuate the morbid materials, to divert the material from the diseased part, to return a displaced organ to its normal position or to encourage the blood flow to the site of Hijamah. There are two types of cupping :

- Hijamah-Bil-shart (wet cupping / cupping with scarification).
- Hijamah-bila-shart (dry cupping / cupping without scarification)

Cupping is used for treating various musculo-skeletal disorders like arthritis, backache, joint stiffness, computer-related injuries, nervous disorders like sciatica,

myalgia, paralysis, gynaecological disorders, gout, piles, migraine, atrophy and many other conditions.

- 5. Problem encountered and resources required:** Due to paucity of funds our department is not able to overcome the deficiency in terms of infrastructure and manpower for which we need to generate funds and therefore are looking forward for grabbing the opportunity in order to avail grants from Govt. agencies like UGC, AYUSH and CCRUM.

Our objective along with significant, research and development is to develop Ilaj bit tadbeer as a center of higher excellence, which not only will be a pioneer institute for us but as a Centre for Health Tourism.

In order to upgrade and update the professional knowledge and Research, collaboration with experts in research with other Institutions in the University and outside the university is required. Ilaj Bit Tadbeer is recognized as area of priority research in Unani medicine, therefore need to generate the valid Research data through Comprehensive studies based on modern clinical parameters to be carried out to establish a scientific rationale behind the use of this mode of treatment in various diseases.

Best practices in Pharmacy

BEST PRACTICE - I

Smoke and Smoking Free Faculty: Faculty corners are under strict non-smoking zone and in addition to this, no paper waste/garbage is allowed to be burnt in and around faculty premises.

BEST PRACTICE - II

Solvent Vapours Free Environment in the Faculty: All wet laboratories in which solvent/corrosive chemicals/ alcohol is used, are fitted with fuming cupboards and heavy duty exhaust fans to keep whole faculty atmosphere free from solvent/chemical vapours.

Best practices in Science

BEST PRACTICE - I

Removal of harmful organic solvent and use of green solvent in MSc. Chemistry practical. To provide green and clean atmosphere in MSc. Labs they have stopped using Benzene, Tolvane and Chlorofluro solvents in MSc. experiments.

BEST PRACTICE - II

Green Test for Inorganic Qualitative Analysis, to avoid/minimize evolution of H₂S gas during Inorganic Qualitative Analysis. The faculty have adopted the practice of doing SPOT TEST for Qualitative Analysis in MSc. Chemistry.

Other best practices:

1. Application of Green Chemistry In Inorganic Qualitative Analysis without H₂S and Other Sulfur-Containing Compounds

The department has developed a solvent storage system for harmful chemicals and all experiments are conducted under Good Laboratory Practices (GLP).

All over the world, and particularly in India, there is an increasing focus and concern about environmental pollution and its control. There is a continuous endeavour to secure a healthy ecosystem for future generations. To ensure growth and sustainable development, it is necessary to control the toxic and hazardous effects of chemicals on flora and fauna around us. Hence, there is a remarkable boost in interest in green chemistry.

In comparison to first world countries where there is easy availability of technique and instrumentation, the third world countries like India, are still following classical methods. There are approximately more than 1000 universities and approximately 5000 colleges in India offering chemistry as a discipline having. Qualitative inorganic analysis as an integral part of it. A science post graduate, irrespective of his or her specialised subject, has performed chemistry experiments for five years in which hydrogen sulfide is handled for at least three years. In plus two schools, there is one practical class a week for two to three hours duration. A minimum of eight such classes per annum are allotted for qualitative analysis. In under graduate college, the students experiment for five hours a week for about twenty five to thirty weeks doing such experiments. The average number of students doing qualitative analysis in a college is about 120-150.

The H₂S scheme given by Fresenius (1) is a universally accepted scheme. H₂S has a great pedagogical importance, gives detailed understanding of solubility products, ionic and complexation equilibria, Le Châtelier's principle, and the common-ion effect (2). It allows the study of theory to be correlated in the best way with analytical practice. It is inexpensive, can be generated easily, and has stood the test of time for over a century.

Chemistry teachers and students have adopted such immunity to the odor of H₂S that it is not recognized as a toxic. In concentration as low as 0.05 v/v percent, in air, H₂S may be fatal (2) and may kill faster than HCN (3). By having an excellent immune system, an individual may fight with the ill effects and death but physiological anomalies are not uncommon. H₂S has good solubility in water, and its solubility increases in alkaline medium and binds to heavy metals (soft acids in the HSAB concept) (4) forming stable soluble compounds and making process of water purification difficult.

In view of above facts, the use of H₂S should be banned or minimised. To avoid the use of toxic H₂S and to enhance efficiency and accuracy of analytical results, a green scheme was developed named Eco-friendly spot tests (5) have increased the speed of analysis although green conventional tests (6) have also been undertaken

2. Animal studies are always approved from CPCSEA and IAIC routinely. All the procedures related to animal studies are conducted as per prescribed norms. Carcasses of experimental animals are disposed off in bags provided by animal house of the University.
3. The cell culture facilities of all the departments in Faculty of Science are following SOP's and maintaining procedures for proper disposal of day to day waste.
4. Jamia Hamdard has appointed a Radiotoxic Safety Officer (Dr. Hina Hamid) in the Faculty of Science for overseeing studies related to radiation.
5. PG and PhD course work have components of Good Laboratory Practice (GLP) and one gives proper training in keeping atmosphere of the University green.

Best practices in the Department of Management

BEST PRACTICE - I

1. **Title of the Practice:** Field Practicum and Team Presentation
2. **Objectives of the Practice:** To work as a team and to understand the external business establishment, their customers/ clients, suggest improvements.
3. **The Context:** Relevant to the subject / course; students get exposed to the practical world and can correlate with theory.
4. **The Practice:** A team of four students randomly selected by the teacher (need not be friends) visit any known business / service establishment or any vendor / supplier, try to understand his business from marketer perspective; Understand the customers

viewpoint also by filling up a survey questionnaire. Observe the location / area and other strategic issues and their limitations and positive aspects. Make a presentation to the class where all the team members participate and speak, introduced and guided by the team leader. This enables them to learn about a cohesive functioning amidst a heterogeneous group as potentially possible in an organization.

5. **Evidence of Success:** Students make a group presentation and try to help each other in preparation and presentation while each may answer questions from the audience. Team leader and members try to explain logically and defend themselves.

6. **Problems Encountered and Resources Required:** Team leader often encounters difference of opinion among team members. He or she also has to deal with lack of initiative among each team members, if any. He or she takes the guidance of the teacher to resolve the issue and motivate his team members.

7. **Notes:** Guidelines are given by the teacher to all the groups in the class about the purpose of this field exercise, how to do it? what to observe and present? And how to analyse the field business situation and customer perspective and thus correlate with the theoretical knowledge.

BEST PRACTICE - II

1. **Title of the Practice:** Excel Based Attendance System.

2. **Objectives of the Practice:** To have a consolidated attendance of each student across all the courses attended by him at one place.

3. **The Context:** This is done in order to determine his / her eligibility for minimum attendance to appear in the end semester exam and also to inculcate a sense of discipline and regularity among the students.

4. **The Practice:** The teachers are provided with monthly attendance sheet with day wise column consisting of names of all the students in that course taught by a particular teacher in a specific class / group. Each student has a specific serial number and location in that sheet which is a combination of core papers and electives he/ she has opted for. The teachers are advised to enter the monthly data of attendance recorded daily in that sheet in the excel based software file, specifically customised for the purpose. Thus, the software system is programmed to collect the attendance of each student across all the courses studied by him/ her into a consolidated total

attendance; both course wise, as well as overall class wise. The list is put up on the notice board every month for the student to see and make up their attendance in the future classes.

5. Evidence of Success: The students have become conscious and regular in attendance.

6. Problems Encountered and Resources Required: Educating students about the idea and guiding the faculty members to enter the data into the software.

7. Notes: Initially, a faculty meeting was conducted to discuss the project with the teachers and consequently the students were appraised through a notice on the notice board / mail to their common email id about the introduction of the system.

Best practices in the Department of Computer Science and Engineering

BEST PRACTICE - I

- 1. Title of the Practice:** GATE coaching
- 2. Objectives of the Practice:** To help the students for qualifying GATE exam
- 3. The Context:** The Graduate Aptitude Test in Engineering (GATE) is an all-India examination that primarily tests the comprehensive understanding of various undergraduate subjects in engineering and science. The GATE score of a candidate reflects the relative performance level of a candidate. The score is used for admissions to various post-graduate education programs (e.g. Master of Engineering, Master of Technology, Doctor of Philosophy) in Indian higher education institutes, with financial assistance provided by MHRD and other government agencies. Recently, GATE scores are also being used by several Indian public sector undertakings (i.e., government-owned companies) for recruiting graduate engineers in entry-level positions. It is one of the most competitive examinations in India.
- 4. The Practice:** Faculty members from the department has taken extra classes for GATE coaching.

5. **Evidence of Success:** Give below number of students qualified for GATE

In:

2015 - 5

2014 - 7

2013 - 3

6. **Problems Encountered and Resources Required:** Initially there was faculty shortage but later more faculties involved in GATE coaching and separate time table was prepared for this purpose. Required resources are reference books, practice book and projector setup

BEST PRACTICE - II

1. **Title of the Practice:** GRE coaching
2. **Objectives of the Practice :** Help the students for qualifying GRE exam
3. **The Context:** The Graduate Record Examination (GRE) is a standardized test that is an admissions requirement for most graduate schools in the United States. This exam aims to measure verbal reasoning, quantitative reasoning, analytical writing, and critical thinking skills that have been acquired over a long period of time
4. **The Practice:** Faculty members from the department has taken extra classes for GRE coaching.
5. **Evidence of Success:** Give below are the number of students enrolled in MS program in various universities of USA.

2015- 4 students

2014- 6 students
6. **Problems Encountered and Resources Required:** Initially there was faculty shortage but later more faculties involved in GRE coaching and separate time table was prepared for this purpose. Required resources are reference books, practice book and projector setup

Other best practices

- **Student support:** Department has appointed teachers as mentors for different courses to upgrade their knowledge, soft skill and interaction with industry.

- To enhance the presentation skill of student there is regular student's presentation using PPT and other medias.
- There is provision for remedial classes for slow learners.
- Communication classes to foreign students are regularly held.
- In various ways, students are motivated to organize various programs by themselves. This includes:
 - a. Recently department introduced student chapter of IEEE, ISTE and CSI. Students are encouraged to conduct seminar, poster presentation, debate and lectures by outside guests. Annually a magazine titled Hamdard's Tech Time is published by students.
 - b. Every year an annual festival NERDZ (national level) is organized, in which various technical and non -technical events are conducted by students. In 2015, more than 500 students across the country participated in technical, cultural and literary events.
- **Regular Skill development program:** There are various skill development programs being organized regularly.
- **Industrial Training and project:** for 3rd and 4th year B.Tech students and final year MCA students, are provided industrial training during summers in which they get the opportunity in companies like NIC, TCS, HEADSTRONG, HCL, IGIB, Netprofit, Pfizer, NIIT for undertaking project.
- **Real Life projects:** Real life projects are also done by our students. Some of the examples are: website portal for grocery shop, e- governance, academia industry collaboration for placement cell, home automation system, fuzzy recommendation system, RFID based automation, remote desktop control, NCC automation etc.
- **Teaching Beyond Syllabus:** Here teaching beyond syllabus is reinforced by conducting training program on C#, .NET, Web development, Java, Algorithm, communication skill etc. for our students.
- **Undertaking program for soft skill training:** There is tie up with AMCAT for soft skill and communication development of students

- **Placement training program:** Our department conducts training program for placement. For the placement drive of our students special aptitude and communication classes are conducted by external agency (Focus Academy for Career Enhancement (FACE), Coimbatore) and this provides good impact on placement. 60 students have been placed in companies like TCS, Beehive, JKT, INFOZECH etc.
- **Seminars and expert lecture:** From time to time seminars and expert lecture by eminent people from industry and academia are held.
- **Visit by foreign delegation:** various delegations from foreign universities like Afghanistan, Iran, Turkmenistan, Association of American universities, Azerbaijan etc. have visited campus for MOU and student - faculty exchange program.
- **Choice based credit system:** As per UGC regulation, we have implemented choice based credit system.

Any other information regarding Innovations and Best Practices which the University would like to include:

1. The selection of the students for various courses in the University are done through National Competitive Exams like AIPMT for admission to MBBS, B.Sc. (Hons.)Nursing, B.Pharm, BPT, BUMS, JEE for admission to Engineering and GATE, .NET, SLET for admission to Management courses.
2. For smooth implementation of research projects (major or minor), the proposals are prepared by the faculty, submitted at IQAC for review, screened by a committee, comprising of Vice Chancellor and Advisor Research to be submitted at UGC. After first screening, the candidates presents the report, which is further refined and forwarded by the registrar.
3. Another best practice of the University is the BIOMETRIC ATTENDANCE

Objectives of the Practice:

- i) To ascertain
 - Punctuality by teaching and non-teaching staff of the university.
 - Transparent and smooth functioning of the university

- ii) To maintain an environment of discipline, workmanship and accountability

The Context:

Jamia Hamdard has a large number of teaching as well as non-teaching staff. For purpose of self regulation and smooth functioning of the university, it made efforts to elevate itself to the new technology available and introduced the biometric attendance system.

The Practice:

Biometric attendance was started at the Faculty of Information and Technology initially through an outsourced agency and now the system is in practice in all other faculties of Jamia Hamdard.

Evidence of Success:

The biometric attendance system has significantly improved the punctuality of the staff to report on time and stay available throughout the office timings. The attendance records show the same. There is also an overall improvement in students' satisfaction and scores as teaching staff is available on time and at all times for students during their duty hours. Also the employee's perks are based on their leave record.

Problems Encountered and Resources Required:

Initially employees were hesitant by this system as it was a change in the old practice. However, with time they became more comfortable with the idea and practice. At times, the biometric system faces some technical snags. An agency was outsourced to establish biometric system of attendance in the faculties.

4. For evaluation of PhD. examinations, the panel of examiners are selected from the central pool created in the university and not taken from the research guides, to maintain the quality and confidentiality of PhD. work.
5. Jamia Hamdard has purchased a software, Scifinder which is being utilized by Faculty of Science and Faculty of Pharmacy. The university pays Rs. 13 -14 lac per annum for this. SciFinder® is a research discovery application that provides unlimited access to the world's most comprehensive and authoritative source of references, substances and reactions in chemistry and related sciences.
6. Post Doctoral Fellowships (PDF) and Junior Research Fellowship (JRF) are awarded to the students. These Fellowships are named as Jamia Hamdard Silver Jubilee Post-doctoral and Research Fellowships.
7. Students are given free hand opportunity to organize workshops, symposium, fests which enables them to develop their organizational skills.

8. The students' 12th Certificate is verified by their respective boards during admissions at the Faculty of Nursing.
9. Practical Training through Simulators and working Models for the clinical assignments.
10. Students are encouraged to formulate Self Instructional Modules (SIM)
11. Clinical Training: Many Therapeutic and Diagnostic SOPs are developed and students are encouraged for free hand training like (A traditional method is developed that is Natool Hamool and Furzaja, NFH)
12. Awareness Walks are arranged on occasion of important health related days (World's women's day, Human's Rights day, Cancer Eradication Day, International Disaster Management day and Children's Day).
13. Health related Guest Lectures were organized and speakers were called from different Institutes like Moulana Azad Medical College and National Institute of Disaster Management, New Delhi.
14. Collaborative initiative taken with NIDM (Demonstration on Triage Management, Transportation of Casualty and Segregation of patients) during any disaster was effectively conducted.
15. Free Health Checkups, Screening and treatment camps were organized in vicinity of Jamia Hamdard and other slum areas like Sangam Vihar, Talimabad, Khori Gaon, Badarpur, Jaitpur, Madanpur Khadar, Okhla, Nizamuddin, Seelam Pur etc.
16. Inter faculty quiz competitions and other cross learning activities are organized to promote inter faculty interactions.
17. Free medical facilities are available to all students in the University.
18. The campus is a Free Wi-Fi Zone. There is 24X7 Wi-Fi facility for students and teachers to support in their studies.
19. Significant days are observed like World AIDS Day, World Diabetes Day, Swachh Bharat Abhiyan etc.
20. There is an Internal Quality Assurance Cell (IQAC) in the University.
21. Yearly magazine like Hamdardians, Rufaida Times are published to give the snapshots of the events taking place in the University.
22. High tech gymnasium has been established, keeping in view of the health aspects of the students.

ANNEXURES

TO BE PUBLISHED IN THE GAZETTE OF INDIA PART I SECTION I

No.F.9-18/85-U.3
Government of India
Ministry of Human Resource Development
(Deptt. of Education)

New Delhi, the 10th May, 1989.

NOTIFICATION

In exercise of the powers conferred by Section 3 of the University Grants Commission Act, 1956 (3 of 1956), the Central Government, on the advice of the Commission, hereby declare that Jamia Handard, Handard Nagar, New Delhi-110062, shall be deemed to be a University for the purpose of the aforesaid Act.

(J.D. GUPTA)
Joint Secretary to the Govt. of India

To

The Manager,
Gazette of India,
Government of India Press,
Faridabad(Haryana)

Copy forwarded for information to :

1. The Secretary, University Grants Commission, Bahadurshah Zafar Marg, New Delhi-2 (with fifteen copies).
2. The Secretary, Association of Indian Universities, 16, Ferojshah Kotla Marg, New Delhi.
3. The Director, Jamia Handard, Handard Nagar, New Delhi-62.
4. All Ministries/Departments of the Government of India (Including the President's Secretariat, the Prime Minister's Office, the Cabinet Secretariat and Planning Commission).
5. All State Governments and Union Territories.
6. Registrar of all Universities and deemed to be Universities.
7. Press Information Bureau (Shri Prem Sunder) D.P.I.O., New Delhi, with the request that this may be given wide publicity.

- 3 2 3
8. Parliament Library.
 9. Legislative Department (Leg.III Section).
 10. The Secretary General, Rajya Sabha.
 11. The Secretary General, Lok Sabha.
 12. All Officers in the Ministry.
 13. Guard File/Coordination Assistant/Notification File.

(Signature)
(Gurbax Singh)
Deputy Secretary to the Govt. of India

(TO BE PUBLISHED IN THE GAZETTE OF INDIA PART-I SECTION-1)

No.F.10-3/2013-U.3(A)
Government of India
Ministry of Human Resource Development
(Department of Higher Education)

Shastri Bhawan, New Delhi
Dated: 18th October, 2013

NOTIFICATION

Whereas the Central Government is empowered under Section 3 of the University Grants Commission (UGC) Act, 1956 to declare, on the advice of the UGC, an institution of higher learning as a deemed-to-be-university.

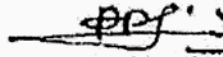
2. And whereas, on the advice of the UGC, Jamia Hamdard, New Delhi was declared as an 'Institution Deemed-to-be-University', for the purposes of the aforesaid Act, vide this Ministry's Notification No.F.9-18/85-U.3 dated 10th May, 1989.

3. And further whereas, the Institution "Deemed-to-be-University" has submitted a proposal in the year 2013 seeking permission for establishment of an off-campus centre at Deenul Islam Sabha Educational Complex, Deenul Islam Sabha Building, PO Kannur City, Kerala under the ambit of "Jamia Hamdard, New Delhi".

4. And whereas, the UGC vide its communication bearing F.No.19-2/2013(CPP-L/DU) dated 4th October, 2013 has recommended to the Ministry of Human Resource Development to allow Jamia Hamdard, New Delhi to start an off-campus centre at Kerala subject to biennial review for six years and subsequently after five years, subject to usual terms and conditions as prescribed under the UGC (Institutions Deemed to be Universities) Regulations, 2010.

5. Now, therefore, in exercise of the powers conferred by Section 3 of the UGC Act, 1956, the Central Government, on the advice of the University Grants Commission (UGC), do hereby declare that Jamia Hamdard, Kannur, Kerala shall be a constituent teaching unit under the ambit of Jamia Hamdard, Institution Deemed-to-be-University, New Delhi, as an *off-campus* centre, for the purposes of the aforesaid Act for conduct of academic course/programmes and the conditions attached thereto, subject to biennial review for six years and subsequently after five years, subject to usual terms and conditions as prescribed under the UGC (Institutions Deemed to be Universities) Regulations, 2010.

6. The declaration as made in Para 5 above is further subject to fulfillment of the conditions mentioned at Sr. No.3 of the endorsement to this notification.


(R.P. Sisodia)

Joint Secretary to the Government of India

The Manager,
Government of India Press,
Faridabad - 121001, Haryana.

Prof. S. Ramesh Babu
Advisor

Copy forwarded to: -

1. The Secretary, University Grants Commission, Bahadurshah Zafar Marg, New Delhi - 110002. UGC shall take appropriate action to conduct necessary reviews with help of an Expert Committee in accordance with the procedure prescribed by it for the purpose of such 'reviews'.
2. The Additional Chief Secretary (Higher Education), Govt. of Kerala, 3rd Floor, Secretariat Annex, Statue, Thiruvananthapuram - 695001.
3. The Vice-Chancellor, Jamia Hamdard, Deemed-to-be-University, Hamdard Nagar, New Delhi - 110062. The declaration as made in Para 5 of this notification shall be further subject to compliance with / fulfillment of the following conditions:-
 - (i) All the earlier conditions that were stipulated in the Ministry's notification bearing No.F.9-18/85-U.3 dated 10th May, 1989 that govern the status of 'deemed to be university' conferred on Jamia Hamdard, New Delhi shall continue to be in force, and shall be complied with.
 - (ii) The management as well as all the moveable and immovable assets/properties of Jamia Hamdard, Kannur Kerala shall legally vest with Jamia Hamdard, New Delhi and registered as such in the interest of future of students, members of faculty, employees and for maintaining the standards of higher education.
 - (iii) There shall be no diversion of assets or funds/revenues of the Institution Deemed-to-be-University/or of its constituent teaching units, without prior permission of the UGC.
 - (iv) Jamia Hamdard, Kannur, Kerala shall not engage or indulge in any activities that are of commercial and profit making in nature.
 - (v) The academic programmes being offered or to be offered at Jamia Hamdard, Kannur, Kerala shall conform to the norms and standards prescribed by the UGC and the Statutory Councils concerned.
 - (vi) Jamia Hamdard, New Delhi/ Jamia Hamdard, Kannur, Kerala shall start new academic courses only in accordance with the norms and guidelines issued by the UGC, from time to time, on the subject.
 - (vii) The infrastructure facilities at Jamia Hamdard, Kannur, Kerala shall be augmented and developed suitably before start of the next batch.
 - (viii) Jamia Hamdard, New Delhi shall take appropriate steps to commence research programmes as well as doctoral and innovative academic programmes at all its constituent units.
 - (ix) Jamia Hamdard, New Delhi shall take all the required steps to get all the eligible academic courses/programmes of its constituent units, including Jamia Hamdard, Kannur, Kerala rated for valid accreditation by the National Assessment and Accreditation Council (NAAC), as the case may be, in terms of the provisions as contained in the UGC (Institutions Deemed to be Universities) Regulations, 2010.
 - (x) All the prescribed norms and procedures of the Statutory Councils concerned in the matter of admission of students, intake capacity of students, renewal of approval to the academic course / programme, revision of intake capacity of

students, starting of new courses / programmes, etc. shall continue to be in force, and shall be adhered to by Jamia Hamdard, Kannur, Kerala.

- (xi) As and when necessary, Jamia Hamdard, New Delhi shall update or revise or modify its Memorandum of Association (MoA) / Rules with the approval of the UGC. Further, specific changes/ amendments, if any, suggested by the Government of India or UGC shall also be carried out in the MoA/Rules with the approval of the UGC.
 - (xii) The MoA/Rules, Regulations, Bye-laws of Jamia Hamdard, New Delhi shall clearly specify/reflect the names of all its constituent units as are approved by the Central Government.
 - (xiii) Jamia Hamdard, Kannur, Kerala shall adhere to the instructions of the UGC as contained in the UGC (Institutions Deemed to be Universities) Regulations, 2010.
 - (xiv) Jamia Hamdard, Kannur, Kerala shall follow the fee structure as per the Rules and Regulations of the UGC.
 - (xv) All the norms and guidelines as laid down by the UGC and other relevant Statutory Councils from time to time, as are applicable to Institutions notified as 'Deemed-to-be-Universities' shall be adhered to by Jamia Hamdard, New Delhi and all its constituent units.
 - (xvi) Jamia Hamdard, New Delhi shall abide by the undertaking that has been submitted to the UGC by its Chancellor in connection with bringing of Jamia Hamdard, Kannur, Kerala under the ambit of the Jamia Hamdard, New Delhi.
4. The Director, Jamia Hamdard, Hamdard Nagar, New Delhi - 110062.
 5. The Principal, Jamia Hamdard, Deenul Islam Sabha Educational Complex, Deenul Islam Sabha Buliding, PO Kannur City, Kerala - 670003.
 6. Press Information Bureau, Shastri Bhawan, New Delhi-110001.
 7. The Secretary-General, Association of Indian Universities, A.I.U. House, 16, Kotla Marg, New Delhi - 110002.
 8. Joint Director (Administration) & Web Master, Department of Higher Education, Shastri Bhawan, New Delhi with the request to issue necessary instructions to the CMIS Unit to display this notification on the website of Department of Higher Education.
 9. File No.F.10-3/2013-U.3(A)
 10. Guard file / Notification file.

R. Sonowal
(Rina Sonowal Kouli)
Director

JAMIA HAMDARD COURSES		
SESSION 2016-17		
Schools (Faculty)	Courses	Duration
Hamdard Institute of Medical Sciences & Research (HIMSR)	MBBS	4 ½ Year + internship
	PhD in Medical Physiology*	
	MSc in Medical Physiology	2 Years (4 Semesters)
	Master of Occupational Therapy- Musculoskeletal	2 Years (4 Semesters)
	Master of Occupational Therapy- Paediatrics	2 Years (4 Semesters)
	Master of Physiotherapy- Cardio-pulmonary	2 Years (4 Semesters)
	Master of Physiotherapy- Neurology	2 Years (4 Semesters)
	Master of Physiotherapy- Musculoskeletal	2 Years (4 Semesters)
	Master of Physiotherapy- Sports	2 Years (4 Semesters)
	Bachelor of Physiotherapy	4 Years (8 semesters)
	Bachelor of Occupational Therapy	4 Years (8 semesters)
	BSc. Medical Laboratory Techniques	3 Years (6 Semesters)
	BSc. Emergency Trauma Care Techniques	3 Years (6 Semesters)
	BSc. Optometry	3 Years (6 Semesters)
	BSc. Medical Imaging Technology	3 Years (6 Semesters)
	BSc. Operation Theatre Techniques	3 Years (6 Semesters)
BSc. Medical Record & Hospital Information Management	3 Years (6 Semesters)	

	BSc. Cardiology Laboratory Techniques	3 Years (6 Semesters)
	BSc. Dialysis Techniques	3 Years (6 Semesters)
	BSc. Medical Laboratory Techniques 3 rd Semester Lateral Entry	2 Years (4 Semesters)
	BSc. Emergency Trauma Care Techniques 3 rd Semester Lateral Entry	2 Years (4 Semesters)
	BSc. Optometry 3 rd Semester Lateral Entry	2 Years (4 Semesters)
	BSc. Medical Imaging Technology 3 rd Semester Lateral Entry	2 Years (4 Semesters)
	BSc. Operation Theatre Techniques 3 rd Semester Lateral Entry	2 Years (4 Semesters)
	BSc. Medical Record & Hospital Information Management 3 rd Semester Lateral Entry	2 Years (4 Semesters)
	BSc. Cardiology Laboratory Techniques 3 rd Semester Lateral Entry	2 Years (4 Semesters)
	BSc. Dialysis Techniques 3 rd Semester Lateral Entry	2 Years (4 Semesters)
	Diploma X Ray & ECG Techniques	2 Years (4 Semesters)
	Diploma Operation Theatre Techniques	2 Years (4 Semesters)
	Diploma Dialysis Techniques	2 Years (4 Semesters)
	Diploma Medical Records Techniques	2 Years (4 Semesters)

Schools (Faculty)	Courses	Duration
Islamic Studies and Social Sciences	PhD- Islamic Studies	
	MA- Islamic Studies	2 Years (4 Semesters)
	BA- Islamic Studies	3 Years (6 Semesters)

	PhD- Federal Studies	
	Master of Philosophy (MPhil) in Federal Studies	1 Year
	MA- Human Rights	2 Years (4 Semesters)

Schools (Faculty)	Courses	Duration
Management and Information Technology	PhD- Management	
	PhD- Health Management	
	PhD- Computer Science	
	Master of Business Administration (MBA)	2 Years (4 Semesters)
	MBA- Health and Hospital Management [MBA(HM)]	2 Years (4 Semesters)
	MBA- Pharmaceutical Management [MBA(PM)]	2 Years (4 Semesters)
	MTech. in Computer Science (Weekend Programme)	3 Years (6 Semesters)
	MTech in Bioinformatics	2 Years (4 Semesters)
	Master of Computer Applications (MCA)	3 Years (6 Semesters)
	MSc. In Computer Science	2 Years (4 Semesters)
	BTech in Computer Science	4 Years (8 Semesters)
	BTech in Information Technology	4 Years (8 Semesters)
Bachelor of Computer Application (BCA)/ Bachelor of Science (BSc) in IT	3 Years (6 Semesters)	

Schools (Faculty)	Courses	Duration
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Medicine (Unani)	Mahir-e-Tib (MD Unani):- Ilmul Advia	3 Years
	Mahir-e-Tib (MD Unani):- Moalejat	3 Years
	Mahir-e-Tib (MD Unani):- Tahaffuzi-wa-samaji Tib	3 Years
	Mahir-e-Tib (MD Unani) for In-Service Candidate:- Ilmul Advia	3 Years
	Mahir-e-Tib (MD Unani) for In-Service Candidate:- Moalejat	3 Years
	Mahir-e-Tib (MD Unani) for In-Service Candidate:- Tahaffuzi-wa-samaji Tib	3 Years
	Kamil-e-Tib-o-Jarahat (BUMS)	5 ½ Years
	Pre-Tib	1 Year
	Certificate Course of Unani Dispenser	1 Year

Schools (Faculty)	Courses	Duration
Nursing	MSc-Nursing:- Medical Surgical Nursing	2 Years
	MSc-Nursing:- Obstetrics & Gynaecology Nursing	2 Years
	MSc-Nursing:- Psychiatric Nursing	2 Years
	MSc-Nursing:- Community Health Nursing	2 Years
	MSc-Nursing:- Paediatric Nursing	2 Years
	BSc- Nursing	4 Years
	Diploma in General Nursing and Midwifery (DGNM)	3 ½ Years

Schools	Courses	Duration
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(Faculty)		
Pharmacy	PhD- Pharmaceutics and pharmaceuticals with specialization in Quality Assurance	
	PhD- Pharmacognosy & Phytochemistry and Pharmacognosy & Phytochemistry with specialization in Pharmaceutical Biotechnology	
	PhD- Pharmaceutical Chemistry and Pharmaceutical chemistry with specialization in Pharmaceutical Analysis	
	PhD- Pharmacology and Pharmacy with specialization in Pharmacy Practice	
	PhD- Pharmaceutical Medicine	
	Master of Pharmacy (MPharm)- Pharmaceutical Chemistry	2 Years (4 Semesters)
	Master of Pharmacy (MPharm)- Pharmaceutics	2 Years (4 Semesters)
	Master of Pharmacy (MPharm)- Pharmacognosy & Phytochemistry	2 Years (4 Semesters)
	Master of Pharmacy (MPharm)- Pharmacology	2 Years (4 Semesters)
	Master of Pharmacy (MPharm)- Pharmacy Practice	2 Years (4 Semesters)
	Master of Pharmacy (MPharm)- Quality Assurance	2 Years (4 Semesters)
	Master of Pharmacy (MPharm)- Pharmaceutical Biotechnology	2 Years (4 Semesters)
	Master of Pharmacy (MPharm)- Pharmaceutical Analysis	2 Years (4 Semesters)
	Bachelor of Pharmacy (BPharm)	4 Years (8 Semesters)
	Bachelor of Pharmacy-Unani (BPharm-Unani)	4 Years (8 Semesters)

	B Pharm II Year- Lateral Entry	3 Years (6 Semesters)
	B Pharm (Unani) II Year- Lateral Entry	3 Years (6 Semesters)
	Diploma in Pharmacy (DPharm)	2 Years
	Diploma in Pharmacy-Unani (DPharm-Unani)	2 Years

Schools (Faculty)	Courses	Duration
Science	PhD- Biotechnology	
	PhD- Biochemistry	
	PhD- Botany	
	PhD- Chemistry	
	PhD- Toxicology	
	MSc- Biochemistry	2 Years (4 Semesters)
	MSc- Bioelectronics and Instrumentation	2 Years (4 Semesters)
	MSc- Biotechnology	2 Years (4 Semesters)
	MSc- Toxicology	2 Years (4 Semesters)
	MSc- Botany	2 Years (4 Semesters)
	MSc- Clinical Research	2 Years (4 Semesters)
	MSc-PhD integrated [Moalijat(Unani)]	4 Years
	MSc- Chemistry	2 Years (4 Semesters)

Schools (Faculty)	Courses	Duration
Engineering and	PhD- Bioinformatics	

Inter-Disciplinary Sciences	PhD- Chemoinformatics	
	PhD – Food and Fermentation Technology	
	MTech Food Technology	2 Years (4 Semesters)

* **Note:** Duration of Ph.D. programme is 3 years as per the UGC Regulation 2016.

PHARMACY COUNCIL OF INDIA

(Constituted under the Pharmacy Act, 1948)

TELEGRAM : FARMCOUNCIL
 TELEPHONE : 23239184, 23231348
 FAX No. : 011-23239184
 Email : pci@ndb.vsnl.net.in
 Website : www.pcimic.in

Combined Councils' Building,
 Kotla Road
 Aiwan-E-Ghalib Marg
 Post Box No.7020
 New Delhi - 110 002

Ref.No.17-1/2012-PCI

43064-483

23 MAY 2012

(To be published in the Gazette of India, Part - III, Section - 4)

The following resolutions passed by the Pharmacy Council of India in its -

- 88th Central Council meeting held on 8th & 9th August, 2011.
- 89th Central Council meeting held on 1st & 2nd April, 2012 are published hereunder as required under section 15 of the Pharmacy Act, 1948 (8 of 1948).

DIPLOMA IN PHARMACY

Resolution No.88/PCI/1414

"(1) In pursuance of the provisions of sub section (1) of section 12 of the Pharmacy Act, 1948 (8 of 1948), the Pharmacy Council of India declares the Diploma course in Pharmacy conducted by institutions mentioned below to be an approved course of study for the purpose of admission to an approved examination for Diploma in Pharmacy in respect of number of students and academic session as specified here under:-

Item No./ File No.	Name of institutions	For admissions Limited to	Approved upto Academic session	Name of the Examining Authority
ANDHRA PRADESH				
189/17-882/2009-PCI	Aurobindo College of Pharmaceutical Sciences & Aurobindo College of Pharmacy, Gangadevipally, Post. Machapur, Mandal: Geesugonda, Warangal - 506 331	60	From -2007-2008 to 2011-2012	The Secretary, State Board of Tech. Education and Training, B.R.K.R. Building, 7th Floor, Tank Bund Road, Hyderabad - 500 063.
DELHI				
371/17-31/2006-PCI	Faculty of Pharmacy, Jamia Hamdard (Hamdard University) Hamdard Nagar-110 062	60	2015-2016	The Secretary Jamia Hamdard (Hamdard University) Hamdard Nagar New Delhi - 110 062.



भारतीय भेषजी परिषद्
(भेषजी अधिनियम, 1948 के अंतर्गत स्थापित)
PHARMACY COUNCIL OF INDIA
(CONSTITUTED UNDER THE PHARMACY ACT, 1948)

तार Telegram : 'फार्मकाउंसिल' 'FARM COUNCIL'
दूरभाष Telephone : 23239184, 23231348
फैक्स Fax : 011-23239184
ई-मेल E-Mail : pci@ndb.vsnl.net.in
वेबसाइट Website : www.pci.nic.in

संयुक्त परिषद् भवन Combined Councils' Building
कोटला रोड Kotla Road
ऐवान-ए-ग़ालिब मार्ग Aiwan-E-Ghalib Marg
पोस्ट बॉक्स नं. 7020 Post Box No. 7020
नई दिल्ली - 110002 New Delhi - 110002

Ref.No.17-1/2012-PCI | 4306A-483

Regd.

23 MAY 2012

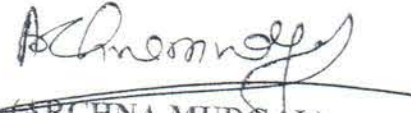
All Concerned Institutions

Sub.: Approval of D.Pharm/B.Pharm/Pharm.D & Pharm.D (Post Baccalaureate) course - Resolutions passed by 89th/Council (April, 2012) of the PCI.

Sir/Madam

With reference to the subject cited above, please find enclosed herewith, a relevant portion of the resolutions passed by the Pharmacy Council of India in its 89th meeting held in April, 2012 in respect of approval of your institution u/s 12 of the Pharmacy Act, 1948 for the purpose of registration as a pharmacist.

Yours faithfully


(ARCHANA MUDGAL)
Registrar-cum-Secretary

Form No./ Date No.	Name of institutions	For admissions Limited to	Approved upto Academic session	Name of the Examining Authority
370/32-523/2009-PCI	Sajana Institute of Pharmaceutical Sciences, Post Vangapahad, Mdl: Husanparthy, Mulugn Road, Near Ayyappa Swamy Temple, Distt. Warangal.	60	From - 2007-2008 to 2013-2014	The Registrar Kakatiya University Vidyaranyaपुरi, Hanamkonda Warangal - 506 006.
300/32-548/2009-PCI	Nova College of Pharmacy, Vegavaram, Jangareddiguden Mandal, W.G. Distt- 534 447.	60	From - 2005-2006 to 2011-2012	The Registrar Jawahar Lal Nehru Technological University, Kukatpally Hyderabad - 500 085.
<u>DELHI</u>				
371/32-23/2009-PCI	Faculty of Pharmacy, Jamia Hamdard (Hamdard University) Hamdard Nagar-110 062	60	2015-2016	The Registrar Jamia Hamdard (Hamdard University) Hamdard Nagar New Delhi - 110 062.
<u>GUJARAT</u>				
201/32-459/2011-PCI	Phul Institute of Pharmacy, P.O. Linda, Tal. Waghodia, Distt. Vadodara - 391 760.	60	2013-2014	The Registrar Gujarat University Navrangpura Ahmedabad - 380 009. (Upto 2007-2008)
				The Registrar Gujarat Technological University L.D. College of Engineering Campus, Navrangpura Ahmedabad - 380 015. (2008 onward).
<u>HARYANA</u>				
110/32-177/2010-PCI	Department of Pharmaceutical Science, Maharshi Dayanand University, Rohak - 124 001	60	2013-2014	The Registrar Maharshi Dayanand University Rohak - 124 001.
<u>KARNATAKA</u>				
137/32-83/2010-PCI	Andere College of Pharmacy, Andersonpet, K.G.F.- 563 113 Kolar (Dist.).	40	2013-2014	The Registrar, Rajiv Gandhi University of Health Sciences, Karnataka, 4th 'T' Block, Jayanagar, Bangalore - 560 041.

PHARMACY COUNCIL OF INDIA

(Constituted under the Pharmacy Act, 1948)

TELEGRAM : 'FARMCOUNCIL'
TELEPHONE : 23239184, 23231348
FAX No. : 011-23239184
E-MAIL : pci@ndb.vsnl.net.in
WEBSITE : www.pci.nic.in

Combined Councils' Building,
Temple Lane, Kotla Road
Aiwan-E-Ghalib Marg
Post Box No.7020
DELHI - 110 002

Ref.No.32-213/2015-PCI / 1181-83

Speed Post

27 APR 2016

The Principal,
Faculty of Pharmacy (SFS Course),
Jamia Hamdard (Hamdard University),
Hamdard Nagar,
New Delhi - 110 062

The Registrar,
Jamia Hamdard
(Hamdard University)
Hamdard Nagar,
NEW DELHI - 110 062

Sub: Decision of 269th EC (Feb, 2016) of the PCI.

Sir/Madam


With reference to the subject cited above, please find enclosed herewith the decision taken by 269th Executive Committee of the PCI in its meeting held on 28th & 29th February, 2016 in respect of your institution. The same are posted on Council's website www.pci.nic.in also.

For guidelines regarding "SIF submission last date" and "Affiliation fee", kindly refer to Council's website www.pci.nic.in

It is requested to follow the instructions of the PCI regarding submission of affiliation fee and Standard Inspection Form (SIF) within the stipulated time period as fixed by the PCI.

The recommendation of the Executive Committee will be placed in the next Central Council meeting of PCI for ratification.

Yours faithfully


(ARCHNA MUDGAL)
Registrar-cum-Secretary

PCI

MINUTES OF 02.269th EXECUTIVE COMMITTEE (EC) MEETING OF THE COUNCIL HELD ON 28th & 29th FEBRUARY, 2016 AT BHUABANESWAR, ODISHA.

Item No.56 to 61 : * Consideration of the approval of Diploma / Degree / Pharm.D / Pharm.D (Post Baccalaureate) course and examination in pharmacy at the undermentioned institutions

<u>Item No.</u> <u>Course</u> <u>IR No.</u>	<u>State/ File No.</u> <u>Name of institutions</u>	<u>For</u> <u>adms.</u> <u>Limited</u> <u>to</u>	<u>Approved for</u> <u>conduct of course/</u> <u>u/s 12 / extension</u> <u>upto academic</u> <u>session</u>	<u>Name of the Examining</u> <u>Authority</u>
Item No.56 Degree IR No.6 th (Dec.,2015)	DELHI 32-213/2015-PCI Faculty of Pharmacy (SFS Course), Jamia Hamdard (Hamdard University), Hamdard Nagar, New Delhi - 110 062.	60	extension upto 2017-2018	The Registrar, Jamia Hamdard (Hamdard University), Hamdard Nagar, New Delhi-110 062.

Abul Kalam



upto 2016-17

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. North-West/1-2814438604/2016/EOA

Date: 05-Apr-2016

To,

The Principal Secretary
(Higher & Technical Education)
Muni Maya Ram Marg,
Pitam pura, Pitam Pura,
Near T.V. Tower, Delhi-110088

Sub: Extension of approval for the academic year 2016-17

Ref: Application of the Institution for Extension of approval for the academic year 2016-17

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	North-West	Application Id	1-2814438604
Name of the Institute	JAMIA HAMDARD	Permanent Id	1-3565247
Name of the Society/Trust	JAMIA HAMDARD	Institute Address	FACULTY OF PHARMACY, JAMIA HAMDARD PO: HAMDARD NAGAR NEW DELHI-110062, NEW DELHI, SOUTH DELHI, Delhi, 110062
Institute Type	Deemed University(Government)	Society/Trust Address	HAMDARD NAGAR, NEW DELH,DELHI SOUTH DELHI,Delhi,110062

Opted for change from Women to Co-ed and Vice versa	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved and Vice versa	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2016-17

Application Id: 1-2814438604			Course	Affiliating Body	Intake 2015-16	Intake Approved for 2016-17	NRI Approval status	PIO / FN / Gulf quota Approval status	Foreign Collaborations/Twinning Program Approval status	
Program	Shift	Level								
PHARMACY	1st Shift	DIPLOMA	PHARMACEUTICAL SCIENCE	FULL TIME	Jamia Hamdard, New	60	60	NA	NA	NA

Application Number 1-2814438604

Note: This is a Computer generated Report.No signature is required

Page 1 of 3

Letter Printed On 5 May 2016

Printed By: AE2332401



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

					Delhi						
			M Pharm								
①	PHARMACY	1st Shift	POST GRADUATE	PHARMACEUTICAL ANALYSIS	FULL TIME	Jamia Hamdard, New Delhi	8	8	NA	NA	NA
②	PHARMACY	1st Shift	POST GRADUATE	PHARMACEUTICAL ASSURANCE	FULL TIME	Jamia Hamdard, New Delhi	8	8	NA	NA	NA
③	PHARMACY	1st Shift	POST GRADUATE	PHARMACEUTICAL BIOTECHNOLOGY	FULL TIME	Jamia Hamdard, New Delhi	5	5	NA	NA	NA
④	PHARMACY	1st Shift	POST GRADUATE	PHARMACEUTICAL CHEMISTRY	FULL TIME	Jamia Hamdard, New Delhi	10	10	NA	NA	NA
⑤	PHARMACY	1st Shift	POST GRADUATE	PHARMACEUTICALS	FULL TIME	Jamia Hamdard, New Delhi	18	15	NA	NA	NA
⑥	PHARMACY	1st Shift	POST GRADUATE	PHARMACOLOGY AND PHYTOCHEMISTRY	FULL TIME	Jamia Hamdard, New Delhi	8	8	NA	NA	NA
⑦	PHARMACY	1st Shift	POST GRADUATE	PHARMACOLOGY	FULL TIME	Jamia Hamdard, New Delhi	18	15	NA	NA	NA
⑧	PHARMACY	1st Shift	POST GRADUATE	PHARMACY PRACTICE	FULL TIME	Jamia Hamdard, New Delhi	8	8	NA	NA	NA
	PHARMACY	1st Shift	UNDER GRADUATE	PHARMACEUTICAL SCIENCE	FULL TIME	Jamia Hamdard, New Delhi	60	60	NA	NA	NA
		1st Shift	UNDER GRADUATE	PHARMACEUTICAL SCIENCE	FULL TIME	Jamia Hamdard, New Delhi	60	60	NA	NA	NA

BPharm (Reg)

BPharm (SFS)



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

PHARMACY	Shift	ER GRA DUA TE	CAL SCIENCE	TIME	Hamdard, New Delhi						
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The above mentioned approval is subject to the condition that JAMIA HAMDARD shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Note: Validity of the course details may be verified at www.aicte-india.org

Dr. Avinash S Pant
Vice - Chairman, AICTE

Copy to:

1. **The Regional Officer,**
All India Council for Technical Education
Plot No. 1A, 5th Floor, DTE(Pb..) Building,
Dakshin Mark, Sector 36-A, Chandigarh-160 036
2. **The Director Of Technical Education,**
Delhi
3. **The Registrar,**
Jamia Hamdard, New Delhi
4. **The Principal / Director,**
JAMIA HAMDARD
FACULTY OF PHARMACY,
JAMIA HAMDARD
PO: HAMDARD NAGAR
NEW DELHI-110062,
NEW DELHI,SOUTH DELHI,
Delhi,110062
5. **The Secretary / Chairman,**
JAMIA HAMDARD
HAMDARD NAGAR, NEW DELH,
DELHI,SOUTH DELHI,
Delhi,110062
6. **Guard File(AICTE)**



DELHI NURSING COUNCIL

An Autonomous Body of Govt. of Delhi
Ahilya Bai College of Nursing Building, Lok Nayak Hospital,
New Delhi - 110002, Tel. : 23238304, Telefax : 23231633
E-mail : registrardelhinursingcouncil@yahoo.co.in

Ref. No.

F.5(1)(2)/DNC/2002/1720-1721

Dated : 4/9/13

To

The Principal
Rufaida School of Nursing
Jamia Hamdard University
Hamdard Nagar
New Delhi-110062

Sub: Recognition of Institution u/s 22(3) of Delhi Nursing Council Act 1997(Act 3 of 1999).

Madam,

The inspection of **Rufaida College of Nursing** was conducted on **August 5-6, 2013**. The report was placed in the Executive Committee meeting held on **August 23rd, 2013**. As per inspection report Physical infrastructure, faculty and clinical facilities are adequate.

The Executive Committee resolved that permission may be granted for admission of 40 students in **General Nursing and Midwifery programme** for the academic year **2013-2014** subject to the following conditions:-

- Approval of Indian Nursing Council
- Physical, Clinical facilities and teaching faculty and other regulations as laid down by the Indian Nursing Council are followed.

Next inspection will be conducted before admission of students in the next academic year **2014-2015**.

With regards,

(Mrs. Sneh Lata Manocha)
Registrar

Copy to:-

Secretary,
Indian Nursing Council,
Combined Council Building,
Kotla Road, Temple Lane,
New Delhi-110002



DELHI NURSING COUNCIL

An Autonomous Body of Govt. of Delhi

Ahilya Bai College of Nursing Building, Lok Nayak Hospital,

New Delhi - 110002, Tel. : 23238304, Telefax : 23231633

E-mail : registrardelhinursingcouncil@yahoo.co.in

Ref. No. F.5(1)(2)/DNC/2002/1722 - 1723

Dated : 4/9/13

To

The Principal
Rufaida College of Nursing
Jamia Hamdard University
Hamdard Nagar, New Delhi-110062

Sub: Recognition of Institution u/s 22(3) of Delhi Nursing Council Act 1997 (Act 3 of 1999).

Madam,

The inspection of **Rufaida College of Nursing** was conducted on **August 7-8, 2013**. The report was placed in the Executive Committee meeting held on **August 23rd, 2013**. As per inspection report Physical infrastructure and clinical facilities are adequate. The Executive committee has pointed out following deficiencies:-

- Faculty for starting Post Basic B.Sc. Nursing is not adequate

Executive committee resolved as under:-

S.No.	Programme	No. Of seats	Approval
1.	B.Sc. Nursing	50	Permitted for academic year 2013-2014
2.	P.B. B.Sc. Nursing*	30	Permitted for academic year 2013-2014
3.	M.Sc. Nursing	25	Permitted for academic year 2013-2014

*Approval for Post Basic B.Sc. Nursing is subject to submission of compliance report with regard to appointment of faculty as per Indian Nursing Council norms within three months from the date of receipt of this letter.

The permission for admission of **30** students in Post Basic B.Sc. Nursing, **50** students in the B.Sc. Nursing programme and **25** students in M.Sc. Nursing for the academic year **2013-2014** is subject to the following conditions:-

- Approval of Indian Nursing Council
- Physical, Clinical facilities and teaching faculty and other regulations as laid down by the Indian Nursing Council are followed.

Next inspection will be conducted before admission of students in the next academic year **2014-2015**.

With regards,

(Mrs. Sneha Lata Mawocha)

Registrar

Copy to:-

Secretary, Indian Nursing Council, Combined Council Building, Kotla Road, Temple Lane,
New Delhi-110002



List of Schools of Nursing permitted to admit students for **GNM course for 2016-2017**
academic year.

07 Sep 2016

Sl.No.	Name of the Institution	Management	No. of Seats
210	Florence Nightingale School Of Nursing Guru Tegh Bahadur Hospital Dilshad Garden Dist. Delhi, Delhi	Government	70 (Seventy)
211	Hindu Rao Hospital School Of Nursing, Subji Mandi Malkaganj, Delhi-110007. , Delhi	Government	25 (Twenty Five)
212	Holy Family Hospital School Of Nursing, Okhla Road P O Jamia Nagar New Delhi Dist. Delhi, Delhi	Private	50 (Fifty)
213	Kasturba Gandhi Hospital Darya Ganj Dist. New Delhi, Delhi	Private	25 (Twenty Five)
214	Panna Dai School Of Nursing Deen Dayal Upadhyay Hospital Hari Nagar Dist. New Delhi, Delhi	Government	25 (Twenty Five)
215	Rufaida School Of Nursing Faculty Of Nursing, Jamia Hamdard Hamdard Nagar New Delhi , Delhi	Private	60 (Sixty)
216	Sir Ganga Ram Hospital Rajinder Nagar Hospital Marg Dist. New Delhi, Delhi	Private	50 (Fifty)
217	Smt Janaki Rani Talwar School Of Nursing Moolchand Kharaiti Ram Hospiital Lajpat Nagar-Iii Dist. New Delhi, Delhi	Private	30 (Thirty)
218	Sri Balaji Action Medical Institute Fc- 34, A- 4 Paschim Vihar, New Delhi , Delhi	Private	30 (Thirty)
219	St Stephen's Hospital Tis Hazari Dist. Delhi, Delhi	Private	50 (Fifty)
220	Sushila School Of Nursing Gali No. 9, Gautam Colony, Safiabab Road Narela Dist. Delhi, Delhi	Private	60 (Sixty)
221	Swami Dayanand Hospital School Of Nursing East Delhi Municipal Corporation, Dilshad Garden Delhi Dist. Delhi, Delhi	Government	20 (Twenty)
222	Tirath Ram Shah Hospital 2, R B L Isher Das Sawhney Marg Rajpur Road Dist. Delhi, Delhi	Private	30 (Thirty)

Gujarat

223	A K Patel School Of Nursing Karai Village, Sardar Patel Ring Road, Near Nana Chiloda, At & Po-Valad, Ta-Gandhinagar, Dist. Gandhinagar, Gujarat	Private	40 (Forty)
224	Aminaben M Gangat Memorial School Of Nursing Badatwadi, Rampura Chhada - Ole Dist. Surat, Gujarat	Private	30 (Thirty)

Page 16 of 173

नर्सिंग शिक्षा के समान स्तर को प्राप्त करने का प्रयास

Striving to achieve uniform standards of Nursing Education

Website: www.indiannursingcouncil.org E-mail: secy.inc@gov.in

Phone: 011-26819157, 26819159, 26819160

List of Colleges of Nursing permitted to admit students for B. Sc (N) course for 2016-2017 academic year.

07 Sep 2016

SI.No.	Name of the Institution	Management	No. of Seats
225	Lakshmi Bai Batra College Of Nursing 45, 46, 47 Tughlakabad, Institutional Area Mehrauli Badarpur Road, New Delhi-1100062 , Delhi	Private	60 (Sixty)
226	Rajkumari Amrit Kaur College Of Nursing Lajpat Nagar Dist. New Delhi, Delhi	Government	45 (Forty Five)
227	Rufaida College Of Nursing Faculty Of Nursing, Jamia Hamdard Hamdard City Dist. Delhi, Delhi	Private	50 (Fifty)
228	School Of Nursing, Army Hospital Research & Referral Dhaulakuan, Delhi Cantt New Delhi , Delhi	Government	50 (Fifty)

Goa

229	Institute Of Nursing Education Opposite Military Workshop Bambolim Dist. North Goa, Goa	Government	100 (One Hundred)
230	Vrundavan Institute Of Nursing Education Near Binani Glass Fibre Pvt Ltd Mushir Wado Colvale Dist. Bardez, Goa	Private	50 (Fifty)

Gujarat

231	Ahmedabad Institute Of Nursing Sciences Nr. Ognaj Lions Eye Hospital, Gota Kalol Highway Lapkaman, Ahmedabad-380 060 , Gujarat	Private	50 (Fifty)
232	Amc Met Nursing College Sheth Vadilal Sarabhai General Hospital Campus Ellisbridge Dist. Ahmedabad, Gujarat	Private	50 (Fifty)
233	Ananya School Of Nursing Kirc Campus, Ahmedabad-Mehsana National Highway Kalol Dist. Gandhinagar, Gujarat	Private	50 (Fifty)
234	Apollo Institute Of Nursing Plot No 1 - A Bhat Gidc Estate Dist. Gandhinagar, Gujarat	Private	60 (Sixty)
235	B M C B College Of Nursing City Square Township, Bmcb Social Society Lakhond -Bhuj Dist. Kutch, Gujarat	Private	50 (Fifty)
236	Balaji College Of Nursing At- Gomta, Gondal Virpur, Nh-27, Near Charakhadi Crossing, Gondal Dist. Rajkot, Gujarat	Private	30 (Thirty)
237	Bhagyalaxmi Nursing College Sakariya Malpur Road, Madasa Dist. Sabarkantha, Gujarat	Private	40 (Forty)

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नर्सिंग शिक्षा के समान स्तर को प्राप्त करने का प्रयास

Striving to achieve uniform standards of Nursing Education

Website: www.indiannursingcouncil.org E-mail: secy.inc@gov.in

Phone: 011-26819157, 26819159, 26819160



List of Colleges of Nursing permitted to admit students for P B BSC(N) course for 2016-2017 academic year.

07 Sep 2016

Sl.No.	Name of the Institution	Management	No. of Seats
38	Holy Cross College Of Nursing Po - Ambikapur, District - Surguja Chhattisgarh - 497001 , Chattisgarh	Private	25 (Twenty Five)
39	Mother Teresa College Of Nursing Near Power Grid Corp Vill-Chorha Kumhari, Durg, Chattisgarh , Chattisgarh	Private	20 (Twenty)
40	P G College Of Nursing St. No. 5, Hospital Sector, Bhilai-490009 , Chattisgarh	Private	30 (Thirty)
41	R I T E E College Of Nursing Chhatauna, Mandir Hasaud Dist. Raipur, Chattisgarh	Private	20 (Twenty)
42	Rastogi College Of Nursing G E Road, Vill & Po - Tedesara Anjora Dist. Rajnandgaon, Chattisgarh	Private	40 (Forty)
43	Rastogi College Of Nursing Model Town, Nehru Nagar East Bhilai Dist. Durg, Chattisgarh	Private	40 (Forty)
44	Sandipani Academy Village - Pendri, Tehsil - Masturi Bilaspur - Janjgir Road Dist. Bilaspur, Chattisgarh	Private	40 (Forty)
45	Sandipani Academy Achhoti Kumhari, Ahiwara Road Murmunda, Tehsil - Dhamdha Dist. Durg, Chattisgarh	Private	40 (Forty)
46	Shri Chandra Nursing Institute Ward No. 60, Street No. 05 Pushpak Nagar Dist. Durg, Chattisgarh	Private	30 (Thirty)
47	Shri Shankaracharya College Of Nursing Amodi Nagar, Hudco Bhilai Dist. Durg, Chattisgarh	Private	20 (Twenty)
Dadra & Nagar Haveli			
48	Shri Vinoba Bhave College Of Nursing Shri Vinoba Bhave Civil Hospital Silvassa, Ut Of Dadra & Nagar Haveli Silvassa Dist. Silvassa, Dadra & Nagar Haveli	Government	20 (Twenty)
Delhi			
49	Holy Family College Of Nursing Okhla Road Dist. New Delhi, Delhi	Private	30 (Thirty)
50	Rufaida College Of Nursing Faculty Of Nursing, Jamia Hamdard Hamdard Nagar Dist. Delhi, Delhi	Private	20 (Twenty)
Gujarat			
51	Bhagalaxmi Nursing College Sakriya-Malpur Road-Modasa, Ta-Modasa Dist. Sabarkantha, Gujarat, Gujarat	Private	30 (Thirty)

Page 4 of 51

नर्सिंग शिक्षा के समान स्तर को प्राप्त करने का प्रयास

Striving to achieve uniform standards of Nursing Education

Website: www.indiannursingcouncil.org E-mail: secy.inc@gov.in

Phone: 011-26819157, 26819159, 26819160

List of Colleges of Nursing permitted to admit students for M. Sc (N) course for 2016-2017 academic year.

07 Sep 2016

Sl.No.	Name of the Institution	Management	No. of Seats
48	Rufaida College Of Nursing Faculty Of Nursing, Jamia Hamdard Hamdard Nagar Dist. Delhi, Delhi	Private	25 Med-Surg-6, Obg-6, Psy-6, Chn-5, Paed-2
Goa			
49	Institute Of Nursing Education Opp. Military Workshop Bambolim, Tiswadi Dist. North Goa, Goa	Government	25 (Twenty Five) Med-Surg-5 Paed-5 Obg-5 Psy-5 Chn-5
Gujarat			
50	Chanchalben Mafatlal Patel College Of Nursing Civil Hospital Compound, Sector 12 Gandhinagar Dist-382012, Gujarat , Gujarat	Private	18 Obg-5 Med-Surg-3 Psy-4 Chn-3 Paed-3
51	Chitrini Nursing College For Women Near Prantij Railway Station, Beside Govt Gowdn At & Po - Junabkarpur, Ta - Prantij Junabkarpur Dist. Sabarkantha, Gujarat	Private	20 (Twenty) Obg-7 Med-Surg-8 Paed-5
52	College Of Nursing New Civil Hospital Campus Asarwa Dist. Ahmedabad, Gujarat	Government	25 (Twenty Five) 5 In Each Speciality
53	Institute Of Kidney Diseases & Research Centre Civil Campus Ahmedabad Dist. Ahmedabad, Gujarat	Government	10 (Ten) Nephro Urology Nursing
54	J G College Of Nursing J G Campus Of Excellence, Opp Gulab Tower Off Sola Road Dist. Ahmedabad, Gujarat	Private	23 Med-Surg-8. Chn-5 Psy-5 Obg-5
55	Joitiba College Of Nursing Lalji Park, Mehsana-Unjha Highway At & Po - Bhandu, Tal - Visnagar Bhandu Dist. Mehsana, Gujarat	Private	20 (Twenty) Chn 5 Med-Surg-10 Psy
56	Maniba Bhula Nursing College Maliba Campus, Gopal Vidya Nagar Mahuva Road, Tarsadi, Ta- Mahuva Bardoli Dist. Surat, Gujarat	Private	25 (Twenty Five) 5 In Each Speciality
57	Manikaka Topawala Institute Of Nursing Charotar University Of Science And Technology Charusat Campus, Tehsil - Petlad Changa Dist. Anand, Gujarat	Private	20 (Twenty) Paed-4 Obg-4 Chn-4 Med-Surg-4 Psy-4
58	Nootan College Of Nursing Sp Sahakar Vidyadham, Near Kamana Crossing Visnagar Dist. Mehsana, Gujarat	Private	15 (Fifteen) Med-Surg-5 Chn-5 Obg-5

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नर्सिंग शिक्षा के समान स्तर को प्राप्त करने का प्रयास
Striving to achieve uniform standards of Nursing Education

Website: www.indiannursingcouncil.org E-mail: secy.inc@gov.in
Phone: 011-26819157, 26819159, 26819160

F.No.R-17012/09/2015-EP (IM-1)

भारत सरकार

Government of India

आयुर्वेद, योग व प्राकृतिक चिकित्सा, यूनानी, सिद्ध एवं होम्योपैथी मंत्रालय (आयुष)

Ministry of Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homoeopathy (AYUSH)

"AYUSH BHAWAN"

B-Block, GPO Complex, INA,
New Delhi - 110 023

Dated: 19.10.2015

To

The Dean,
Faculty of Medicine (Unani),
Jamia Hamdard, Hamdard University,
Hamdard Nagar, New Delhi - 110 062,
Fax no.: 011-26059663
E-mail: mjsiddiqui@jamiahamdard.ac.in
Website: www.jamiahamdard.edu

Sub: Grant of conditional permission to the Faculty of Medicine (Unani), Jamia Hamdard, Hamdard University, Hamdard Nagar, New Delhi for 50 UG seats in BUMS Course and 03 PG Courses namely (i) Moalijat, (ii) Ilmul Advia, (iii) Tahaffuzi wa Samaji Tib with 03 seats in each subject under Section 13C/13A of the IMCC Act, 1970 for the academic session 2015-16 - reg.

Sir,

I am directed to refer to the then Department's order No.R.17012/09/2014-EP (IM-1) dated 07.08.2014 related to admission matter for the year 2014-15 intimating certain shortcomings for rectification for consideration of the case for the 2015-16 session.

2. The CCIM had carried out an inspection of the institution on 16-17.02.2015 to reassess the available facilities of teaching and practical training as well as to verify the compliance submitted by the college and forwarded its recommendations and report to this Ministry. On examining the same, it was observed that the part time teachers, at least 1 HF+1L in addition to the UG requirement in Tahafuzi wa Samaji Tib department, clinical registrar, constructed area of hospital and sub-divided area of OPD/IPD block, central laboratory & Ilaj Bit Tadbeer Block, required number of RMOs and non-teaching staff are not available as per MSR. Therefore, an opportunity of hearing was given to the college on 05.10.2015 to present the case.

3. The observation of hearing Committee based on submission made by the college during hearing and recommendations and visitation report of the CCIM have been carefully examined in terms of the "Indian Medicine Central Council (Minimum Standard Requirements of Unani Colleges and attached Hospitals) Regulations, 2013, provisions under the IMCC Act, 1970, relevant regulations made thereunder and as per approval of the Hon'ble MoS (IC) for the UG/PG course(s) for grant of conditional permission for the academic session 2015-16 vide Ministry letter No.R.11011/01/2015-EP (IM-1) dated 05.05.2015 (available at Ministry's website <indianmedicine.nic.in>) and it is found that the College is fulfilling the notified and approved criteria as follows:-

Jasmeen Jaisal

- (i) Teachers:
- For UG course: 90% eligible teachers, 12 Higher Faculties (Professor/Reader) in 11 Departments in the college, at least 1 teacher in each of 14 Departments and 10 part time teachers up to 60 UG seats;
 - For PG course(s): In addition to the UG course, 1 Higher Faculty + 1 Lecturer in the concerned PG department, fulfillment of teacher-student ratio (1:3 for Professor, 1:2 for Reader and 1:1 for Lecturer);
- (ii) Beds in hospital:
- Minimum 60 beds in hospital of college for UG course in case of up to 60 intake capacity;
 - Minimum 75 bedded hospital for PG Colleges of Unani and additional beds in 1:4 student-bed ratio for each PG clinical seat over the total requirement of beds for UG students intake capacity;
- (iii) Minimum 120 patients per day in OPD during the year 2014 for up to 60 UG seats;
- (iv) 40% bed occupancy for UG College and 50% for Colleges with PG course/s in IPD during the year 2014; and
- (v) Equipment and instruments: Minimum 90% of required equipment as specified under the schedule VII of MSR;

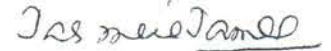
4. It has, therefore, been decided by the Central Government to **grant of conditional permission** to the **Faculty of Medicine (Unani), Jamia Hamdard, Hamdard University, Hamdard Nagar, New Delhi** for **BUMS course with 50 seats and 03 PG Courses namely (i) Moalijat, (ii) Ilmul Advia, (iii) Tahaffuzi wa Samaji Tib with 03 seats in each subject** for the academic session 2015-16 under section 13C/13A of the IMCC Act, 1970 subject to the condition that the college shall fulfill the following requirements by **31st December, 2015** which will be verified for granting permission from the academic session 2016-17 (a copy of Assessment Sheet of CCIM is also enclosed):

- All the Minimum Standard Requirements of infrastructure and teaching & training facilities as specified in Regulation 3 of the "Indian Medicine Central Council (Minimum Standard Requirements of Unani Colleges and attached Hospitals) Regulations, 2013 by 31st December 2015 to get permission for a period not exceeding five years. Failing which, as per Sub-regulation (4) of Regulation 3 of Regulations namely the "Indian Medicine Central Council (Minimum Standard Requirements of Unani Colleges and attached Hospitals) Regulations, 2013, "All the existing colleges, which are not able to achieve full compliance of the requirement as specified in these regulations by the 31st December, 2015, shall be denied permission from academic year 2016-17 onwards and action as envisaged under section 21 of the Act shall be initiated against all such colleges apart from rejection of their applications under Sections 13A or 13C, which have been under consideration by way of conditional permissions or denials".

J. K. Javed

- (ii) All the requirements under the provisions of the IMCC Act, 1970 and relevant Regulations made thereunder should be fulfilled *in toto*.
5. The fulfillment of the conditions attached to the permission given above may be made within the time period specified and compliance report should be submitted to the Ministry of AYUSH endorsing a copy to the CCIM also. The CCIM will verify by means of an inspection that the conditions have been fulfilled and submit a report in this matter to the Ministry of AYUSH for considering the permission matter for the session 2016-17.
6. This issues with the approval of Competent Authority.

Yours faithfully,



(Jasmine James)

Under Secretary to Government of India

Copy to:

- i. The Secretary, CCIM, 61-65 Institutional Area, Opp. 'D' Block, Janakpuri, Delhi-110 058 for information with request to conduct a *suo moto* inspection of the college after 31st December, 2015 to verify the compliance submitted by the college in terms of the provisions under the IMCC Act, relevant regulations and norms of the CCIM and shall submit the recommendations and inspection report to the Ministry of AYUSH by the end of March, 2016 positively, so that the matter with regard to grant of permission from the academic session 2016-17 may be considered well before the start of next academic session.
- ii. Principal Secretary (Health), Govt. of NCT of Delhi, Payers Building, Delhi Secretariat, Vikas Marg, New Delhi for information.
- iii. The Registrar, Jamia Hamdard, Hamdard Nagar, New Delhi - 110 062 for information.



(Jasmine James)

Under Secretary to Government of India

Ph. No. 011-24651975

SPEED POST

No. U. 12012/33/2016-ME-I
Government of India
Ministry of Health & Family Welfare
(Department of Health & Family Welfare)

Nirman Bhawan, New Delhi,
Dated the 20 August, 2016.

To

The Principal/Dean,
Hamdard Institute of Medical Sciences & Research,
Jamia Hamdard, Hamdard Nagar
New Delhi.

Subject: Renewal of permission for admission of 5th Batch (100 seats) in MBBS Course at Hamdard Institute of Medical Sciences & Research, New Delhi for the academic year 2016-17 u/s 10A of IMC Act, 1956.-Reg.

Sir/ Madam,

In supersession to this Ministry's letter of even number dated 10.06.2016 and with reference to your fresh compliance/representation submitted in the light of directive dated 13.06.2016 of the Supreme Court Mandated Oversight Committee (OC), I am directed to say that the OC has approved Renewal of permission for admission of 5th Batch (100 seats) in MBBS Course at Hamdard Institute of Medical Sciences & Research, New Delhi for the academic year 2016-17 u/s 10A of IMC Act, 1956 subject to submission of the following:

- (i) An affidavit from the Dean/Principal and Chairman of the Trust/ Society/ University/ Company etc concerned, affirming fulfillment of all deficiencies and statements made in the respective compliance report submitted to MHFW by 22 June 2016.
- (ii) A bank guarantee in the amount of Rs. 2 crore in favour of MCI, which will be valid for 1 year or until the first renewal assessment, whichever is later. Such bank guarantee will be in addition to the prescribed fee submitted alongwith the application.

2. The OC has also stipulated as follows:-

- (i) OC may direct inspection to verify the compliance submitted by the college and considered by OC, anytime after 30 September 2016.
- (ii) In default of the conditions (i) and (ii) in para 1 above and if the compliances are found incomplete in the inspection to be conducted after 30 September 2016, such college will be debarred from fresh intake of students for 2 years commencing 2017-18.

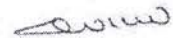
3. Accordingly Renewal of Permission for admission of 5th Batch (100 seats) in MBBS Course at Hamdard Institute of Medical Sciences & Research, New Delhi for the academic year 2016-17 u/s 10A of IMC Act is hereby issued subject to furnishing documents/bank guarantee as per para 1 above in favour of Medical Council of India, New Delhi from a Nationalized/ Scheduled Bank within 15 days to this Ministry. In the event of non-submission of the affidavit



and Bank Guarantees within the stipulated period, this Renewal of Permission shall stand withdrawn.

4. The permission is valid for one year and for admitting only one Batch of 100 MBBS students during the academic session 2016-17. The next Batch of students in MBBS course will be admitted in the college only after permission of Central Government for renewal and fulfilling the conditions of OC stipulated in para 2 of this letter.
5. The Government Medical Colleges (except those located in J&K, Andhra Pradesh & Telangana States) shall contribute 15% of MBBS seats for which the renewal permission is granted for all India quota.
6. Admissions made in violation of the above conditions will be treated as irregular and action will be initiated under IMC Act & Regulations made thereunder.
7. Discrepancies, if any, may be immediately brought to the notice of MCI and the Central/State Government.

Yours faithfully,



(D V K Rao)

Under Secretary to the Government of India
Telefax: 011-23062959

Copy to:

1. The Secretary, Supreme Court mandated Oversight Committee on MCI, 2nd Floor, Academic Block, NIHFV, Munirka, New Delhi.
2. The Secretary, Medical Council of India, Pocket-14, Sector-8, Dwarka, New Delhi-75.
3. The Secretary (H&FW), D/o of Health & FW, Govt. of NCT of Delhi, Room No. A-907, Delhi Secretariat, IP Estate, New Delhi-110002
4. The Registrar, Jamia Hamdard University, Delhi-110062
5. ADG(ME), Dte.GHS, Nirman Bhawan, New Delhi

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
DEPARTMENT OF HEALTH & FAMILY WELFARE
9TH LEVEL, A-WING, DELHI SECRETARIAT, NEW DELHI

No. F. 9/15/2008/P&R/H&FW/ 1683 - 1686
C.D. No. 112108656

Dated: 28/07/2016

To,

The Principal,
Department of Rehabilitation Science,
Hamdard Institute of Medical Sciences and Research,
Jamia Hamdard, Hamdard Nagar, New Delhi-62.

Sub:- Issue of NOC for Continuation of **Bachelor of Physiotherapy** Course at Department of Rehabilitation Sciences, Hamdard Institute of Medical Sciences and Research, Jamia Hamdard, Hamdard Nagar, New Delhi-62.

Sir,

In continuation of Registrar, DCPTOT recommendation received vide file No.DCPTOT/Sec. Corre./90-04/42 dated 14/06/2016 on the above cited subject, I am directed to convey the approval of the Competent Authority for issue of 'No Objection Certificate' for continuation of **Bachelor of Physiotherapy** Course with intake of **30 (Thirty)** students for Academic Session **2016-17** to Department of Rehabilitation Sciences, Hamdard Institute of Medical Sciences and Research, Jamia Hamdard, Hamdard Nagar, New Delhi-62 affiliated to Jamia Hamdard (Deemed to be) University on the following terms & conditions:-

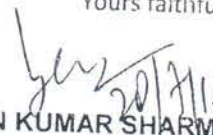
1. The NOC is valid for the Academic Session **2016-17**.
2. You are advised to get in touch with Jamia Hamdard (Deemed to be) University for further formalities relating to affiliation.
3. The institute shall abide by all rules, regulations and guidelines of DCPTOT.
4. The institute shall abide by all the rules and regulations of Govt. of India/ GNCT of Delhi/other local Authority and the affiliating University in force in Delhi.
5. The institute shall function in a legal and authorized building and there should not be any violation of rule and regulation prescribed under the law.
6. There should not be any violation of any terms and conditions regarding the land use as prescribed by Govt./Local bodies/Authority.
7. NOC shall liable to the cancelled/withdrawn in case of any violation of above conditions or any other statutory provisions/rule.
8. If it comes to the knowledge of the Govt. of Delhi that the NOC has obtained by giving any false or misleading information by concealing or suppressing any material the NOC granted shall be cancelled.

The NOC is further subject to the conditions that:-

- i. **Faculty** :- The following faculty posts shall to be filled for BPT programme immediately to meet the council guidelines
Professor - 1
Associate Professor - 2
- ii. **Performance Bank Guarantee** shall to be submitted as per council (Rule no. 14.3(j))

The council will re-inspect the institute to verify the steps taken by them to meet the council guidelines. Kindly inform the council as well as this office as soon as above deficiencies are rectified. Deficiencies to be rectified in 30 days of issue this letter.

Yours faithfully,


(NAVIN KUMAR SHARMA)
SUPERINTENDENT (P&R)

Dated: 28/07/2016

No. F. 9/15/2008/P&R/H&FW/ 1683 - 1686
Copy to:

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
DEPARTMENT OF HEALTH & FAMILY WELFARE
9TH LEVEL, A-WING, DELHI SECRETARIAT, NEW DELHI

No. F. 9/15/2008/P&R/H&FW/ 1699 to 1702
C.D. No. 112108656

Dated: 28/07/2016

To,

The Principal,
Department of Rehabilitation Science,
Hamdard Institute of Medical Sciences and Research,
Jamia Hamdard, Hamdard Nagar, New Delhi-62.

Sub:- Issue of NOC for Continuation of **Masters in Physiotherapy (Cardiopulmonary) Programme** Course at Department of Rehabilitation Sciences, Hamdard Institute of Medical Sciences and Research, Jamia Hamdard, Hamdard Nagar, New Delhi-62.

Sir,

In continuation of Registrar, DCPTOT recommendation received vide file No.DCPTOT/Sec. Corre./90-04/42 dated 14/06/2016 on the above cited subject, I am directed to convey the approval of the Competent Authority for issue of 'No Objection Certificate' for continuation of **Masters in Physiotherapy (Cardiopulmonary) Programme** Course with intake of **05 (Five)** students for Academic Session **2016-17** to Department of Rehabilitation Sciences, Hamdard Institute of Medical Sciences and Research, Jamia Hamdard, Hamdard Nagar, New Delhi-62 affiliated to Jamia Hamdard (Deemed to be) University on the following terms & conditions:-

1. The NOC is valid for the Academic Session **2016-17**.
2. You are advised to get in touch with Jamia Hamdard (Deemed to be) University for further formalities relating to affiliation.
3. The institute shall abide by all rules, regulations and guidelines of DCPTOT.
4. The institute shall abide by all the rules and regulations of Govt. of India/ GNCT of Delhi/other local Authority and the affiliating University in force in Delhi.
5. The institute shall function in a legal and authorized building and there should not be any violation of rule and regulation prescribed under the law.
6. There should not be any violation of any terms and conditions regarding the land use as prescribed by Govt./Local bodies/Authority.
7. NOC shall liable to the cancelled/withdrawn in case of any violation of above conditions or any other statutory provisions/rule.
8. If it comes to the knowledge of the Govt. of Delhi that the NOC has obtained by giving any false or misleading information by concealing or suppressing any material the NOC granted shall be cancelled.

The NOC is further subject to the conditions that:-

- i. **Performance Bank Guarantee** shall to be submitted as per council guidelines (Rule no. 14.15(i) and 14.20)

The council will re-inspect the institute to verify the steps taken by them to meet the council guidelines. Kindly inform the council as well as this office as soon as above deficiencies are rectified. Deficiencies to be rectified in 30 days from date of issue of this letter.

Yours faithfully,

(NAVIN KUMAR SHARMA)
SUPERINTENDENT (P&R)

Dated: 28/07/2016

No. F. 9/15/2008/P&R/H&FW/1699 to 1702
Copy to:

1. The Registrar, DCPTOT, Delhi Govt. Dispensary Building, Ber Sarai, New Delhi.
2. The Registrar, Jamia Hamdard (Deemed to be) University, Delhi.
3. PS to Spl.Secy. (H&FW), H&FW Department, GNCTD, Delhi Sectt.

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
DEPARTMENT OF HEALTH & FAMILY WELFARE
9TH LEVEL, A-WING, DELHI SECRETARIAT, NEW DELHI

No. F. 9/15/2008/P&R/H&FW/ 1695 to 1698
C.D. No. 112108656

Dated: 28/07/2016

To,

The Principal,
Department of Rehabilitation Science,
Hamdard Institute of Medical Sciences and Research,
Jamia Hamdard, Hamdard Nagar, New Delhi-62.

Sub:- Issue of NOC for Continuation of **Masters in Physiotherapy (Musculoskeletal) Programme** Course at Department of Rehabilitation Sciences, Hamdard Institute of Medical Sciences and Research, Jamia Hamdard, Hamdard Nagar, New Delhi-62.

Sir,

In continuation of Registrar, DCPTOT recommendation received vide file No.DCPTOT/Sec. Corre./90-04/42 dated 14/06/2016 on the above cited subject, I am directed to convey the approval of the Competent Authority for issue of 'No Objection Certificate' for continuation of **Masters in Physiotherapy (Musculoskeletal) Programme** Course with intake of **05 (Five)** students for Academic Session **2016-17** to Department of Rehabilitation Sciences, Hamdard Institute of Medical Sciences and Research, Jamia Hamdard, Hamdard Nagar, New Delhi-62 affiliated to Jamia Hamdard (Deemed to be) University on the following terms & conditions:-

1. The NOC is valid for the Academic Session **2016-17**.
2. You are advised to get in touch with Jamia Hamdard (Deemed to be) University for further formalities relating to affiliation.
3. The institute shall abide by all rules, regulations and guidelines of DCPTOT.
4. The institute shall abide by all the rules and regulations of Govt. of India/ GNCT of Delhi/other local Authority and the affiliating University in force in Delhi.
5. The institute shall function in a legal and authorized building and there should not be any violation of rule and regulation prescribed under the law.
6. There should not be any violation of any terms and conditions regarding the land use as prescribed by Govt./Local bodies/Authority.
7. NOC shall liable to the cancelled/withdrawn in case of any violation of above conditions or any other statutory provisions/rule.
8. If it comes to the knowledge of the Govt. of Delhi that the NOC has obtained by giving any false or misleading information by concealing or suppressing any material the NOC granted shall be cancelled.

The NOC is further subject to the conditions that:-

- i. **Performance Bank Guarantee** shall to be submitted as per council guidelines (Rule no. 14.15(i) and 14.20)

The council will re-inspect the institute to verify the steps taken by them to meet the council guidelines. Kindly inform the council as well as this office as soon as above deficiencies are rectified. Deficiencies to be rectified in 30 days from date of issue of this letter.

Yours faithfully,


(NAVIN KUMAR SHARMA)
SUPERINTENDENT (P&R)

No. F. 9/15/2008/P&R/H&FW/ 1695 to 1698
Copy to:

Dated: 28/07/2016

1. The Registrar, DCPTOT, Delhi Govt. Dispensary Building, Ber Sarai, New Delhi.

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
DEPARTMENT OF HEALTH & FAMILY WELFARE
9TH LEVEL, A-WING, DELHI SECRETARIAT, NEW DELHI

No. F. 9/15/2008/P&R/H&FW/ 1691-1694
C.D. No. 112108656

Dated: 28/07/2016

To,

The Principal,
Department of Rehabilitation Science,
Hamdard Institute of Medical Sciences and Research,
Jamia Hamdard, Hamdard Nagar, New Delhi-62.

Sub:- Issue of NOC for Continuation of **Masters in Physiotherapy (Neurology) Programme** Course at Department of Rehabilitation Sciences, Hamdard Institute of Medical Sciences and Research, Jamia Hamdard, Hamdard Nagar, New Delhi-62.

Sir,

In continuation of Registrar, DCPTOT recommendation received vide file No.DCPTOT/Sec. Corre./90-04/42 dated 14/06/2016 on the above cited subject, I am directed to convey the approval of the Competent Authority for issue of 'No Objection Certificate' for continuation of **Masters in Physiotherapy (Neurology) Programme** Course with intake of **05 (Five)** students for Academic Session **2016-17** to Department of Rehabilitation Sciences, Hamdard Institute of Medical Sciences and Research, Jamia Hamdard, Hamdard Nagar, New Delhi-62 affiliated to Jamia Hamdard (Deemed to be) University on the following terms & conditions:-

1. The NOC is valid for the Academic Session **2016-17**.
2. You are advised to get in touch with Jamia Hamdard (Deemed to be) University for further formalities relating to affiliation.
3. The institute shall abide by all rules, regulations and guidelines of DCPTOT.
4. The institute shall abide by all the rules and regulations of Govt. of India/ GNCT of Delhi/other local Authority and the affiliating University in force in Delhi.
5. The institute shall function in a legal and authorized building and there should not be any violation of rule and regulation prescribed under the law.
6. There should not be any violation of any terms and conditions regarding the land use as prescribed by Govt./Local bodies/Authority.
7. NOC shall liable to the cancelled/withdrawn in case of any violation of above conditions or any other statutory provisions/rule.
8. If it comes to the knowledge of the Govt. of Delhi that the NOC has obtained by giving any false or misleading information by concealing or suppressing any material the NOC granted shall be cancelled.

The NOC is further subject to the conditions that:-

- i. **Performance Bank Guarantee** shall to be submitted as per council guidelines (Rule no. 14.15(i) and 14.20)

The council will re-inspect the institute to verify the steps taken by them to meet the council guidelines. Kindly inform the council as well as this office as soon as above deficiencies are rectified. Deficiencies to be rectified in 30 days from date of issue of this letter.

Yours faithfully,


(NAVIN KUMAR SHARMA)
SUPERINTENDENT (P&R)

No. F. 9/15/2008/P&R/H&FW/ 1691-1694

Dated: 28/07/2016

Copy to:

1. The Registrar, DCPTOT, Delhi Govt. Dispensary Building, Ber Sarai, New Delhi.
2. The Registrar, Jamia Hamdard (Deemed to be) University, Delhi.

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
DEPARTMENT OF HEALTH & FAMILY WELFARE
9TH LEVEL, A-WING, DELHI SECRETARIAT, NEW DELHI

No. F. 9/15/2008/P&R/H&FW/ 1687 - 1690
C.D. No. 112108656
To,

Dated: 28/07/2016

The Principal,
Department of Rehabilitation Science,
Hamdard Institute of Medical Sciences and Research,
Jamia Hamdard, Hamdard Nagar, New Delhi-62.

Sub:- Issue of NOC for Continuation of **Masters in Physiotherapy (Sports) Programme** Course at Department of Rehabilitation Sciences, Hamdard Institute of Medical Sciences and Research, Jamia Hamdard, Hamdard Nagar, New Delhi-62.

Sir,

In continuation of Registrar, DCPTOT recommendation received vide file No.DCPTOT/Sec. Corre./90-04/42 dated 14/06/2016 on the above cited subject, I am directed to convey the approval of the Competent Authority for issue of 'No Objection Certificate' for continuation of **Masters in Physiotherapy (Sports) Programme** Course with intake of **05 (Five)** students for Academic Session **2016-17** to Department of Rehabilitation Sciences, Hamdard Institute of Medical Sciences and Research, Jamia Hamdard, Hamdard Nagar, New Delhi-62 affiliated to Jamia Hamdard (Deemed to be) University on the following terms & conditions:-

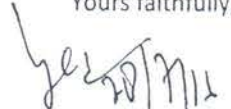
1. The NOC is valid for the Academic Session **2016-17**.
2. You are advised to get in touch with Jamia Hamdard (Deemed to be) University for further formalities relating to affiliation.
3. The institute shall abide by all rules, regulations and guidelines of DCPTOT.
4. The institute shall abide by all the rules and regulations of Govt. of India/ GNCT of Delhi/other local Authority and the affiliating University in force in Delhi.
5. The institute shall function in a legal and authorized building and there should not be any violation of rule and regulation prescribed under the law.
6. There should not be any violation of any terms and conditions regarding the land use as prescribed by Govt./Local bodies/Authority.
7. NOC shall liable to the cancelled/withdrawn in case of any violation of above conditions or any other statutory provisions/rule.
8. If it comes to the knowledge of the Govt. of Delhi that the NOC has obtained by giving any false or misleading information by concealing or suppressing any material the NOC granted shall be cancelled.

The NOC is further subject to the conditions that:-

- i. **Performance Bank Guarantee** shall to be submitted as per council guidelines (Rule no. 14.15(i) and 14.20).

The council will re-inspect the institute to verify the steps taken by them to meet the council guidelines. Kindly inform the council as well as this office as soon as above deficiencies are rectified. Deficiencies are rectified within a period of 30 days from date of issue of this letter.

Yours faithfully,


(NAVIN KUMAR SHARMA)
SUPERINTENDENT (P&R)

No. F. 9/15/2008/P&R/H&FW/ 1687 - 1690

Dated: 28/07/2016

Copy to:

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
DEPARTMENT OF HEALTH & FAMILY WELFARE
9TH LEVEL, A-WING, DELHI SECRETARIAT, NEW DELHI

No. F. 9/15/2008/P&R/H&FW/ 1703 to 1706
C.D. No. 112108656

Dated: 28/07/2016

To,

The Principal,
Department of Rehabilitation Science,
Hamdard Institute of Medical Sciences and Research,
Jamia Hamdard, Hamdard Nagar, New Delhi-62.

Sub:- Issue of NOC for Continuation of **Bachelor of Occupational Therapy Programme** Course at Department of Rehabilitation Sciences, Hamdard Institute of Medical Sciences and Research, Jamia Hamdard, Hamdard Nagar, New Delhi-62.

Sir,

In continuation of Registrar, DCPTOT recommendation received vide file No.DCPTOT/Sec. Corre./90-04/42 dated 14/06/2016 on the above cited subject, I am directed to convey the approval of the Competent Authority for issue of 'No Objection Certificate' for continuation of **Bachelor of Occupational Therapy Programme** Course with intake of **25 (Twenty Five)** students for Academic Session **2016-17** to Department of Rehabilitation Sciences, Hamdard Institute of Medical Sciences and Research, Jamia Hamdard, Hamdard Nagar, New Delhi-62 affiliated to Jamia Hamdard (Deemed to be) University on the following terms & conditions:-

1. The NOC is valid for the Academic Session **2016-17**.
2. You are advised to get in touch with Jamia Hamdard (Deemed to be) University for further formalities relating to affiliation.
3. The institute shall abide by all rules, regulations and guidelines of DCPTOT.
4. The institute shall abide by all the rules and regulations of Govt. of India/ GNCT of Delhi/other local Authority and the affiliating University in force in Delhi.
5. The institute shall function in a legal and authorized building and there should not be any violation of rule and regulation prescribed under the law.
6. There should not be any violation of any terms and conditions regarding the land use as prescribed by Govt./Local bodies/Authority.
7. NOC shall liable to the cancelled/withdrawn in case of any violation of above conditions or any other statutory provisions/rule.
8. If it comes to the knowledge of the Govt. of Delhi that the NOC has obtained by giving any false or misleading information by concealing or suppressing any material the NOC granted shall be cancelled.

The NOC is further subject to the conditions that:-

- a. **Faculty** :- Following faculty need to be appointed immediately.
Professor – (1)
Assistant Professor – (07) for BOT programme as per council guidelines.
- b. **Labs** :- Not present, however equipment present in clinical setup. As per council guidelines it is desirable that teaching labs and clinical labs should be separate.
- c. **Clinical Training**:- Clinical exposure should be in more hospitals for diversified practical skill development.
- d. **Internship**:- Interns should be posted to other hospitals for diversified practical skill development
- e. **Performance Bank Guarantee** to be submitted as per council guidelines (Rule no. 14.3(j)).

The council will re-inspect the institute to verify the steps taken by them to meet the council guidelines. Kindly inform the council as well as this office as soon as above deficiencies are rectified. Deficiencies to be rectified in 30 days from date of issue of this letter.

Yours faithfully,


(NAVIN KUMAR SHARMA)
SUPERINTENDENT (P&R)

Dated: 28/07/2016

No. F. 9/15/2008/P&R/H&FW/ 1703 to 1706

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
DEPARTMENT OF HEALTH & FAMILY WELFARE
9TH LEVEL, A-WING, DELHI SECRETARIAT, NEW DELHI

No. F. 9/15/2008/P&R/H&FW/ 1711 to 1714
C.D. No. 112108656

Dated: 28/07/2016

To,

The Principal,
Department of Rehabilitation Science,
Hamdard Institute of Medical Sciences and Research,
Jamia Hamdard, Hamdard Nagar, New Delhi-62.

Sub:- Issue of NOC for Continuation of **Masters in Occupational Therapy (Pediatrics) Programme** Course at Department of Rehabilitation Sciences, Hamdard Institute of Medical Sciences and Research, Jamia Hamdard, Hamdard Nagar, New Delhi-62.

Sir,

In continuation of Registrar, DCPTOT recommendation received vide file No.DCPTOT/Sec. Corre./90-04/42 dated 14/06/2016 on the above cited subject, I am directed to convey the approval of the Competent Authority for issue of 'No Objection Certificate' for continuation of **Masters in Occupational Therapy (Pediatrics) Programme** Course with intake of **06 (Six)** students for Academic Session **2016-17** to Department of Rehabilitation Sciences, Hamdard Institute of Medical Sciences and Research, Jamia Hamdard, Hamdard Nagar, New Delhi-62 affiliated to Jamia Hamdard (Deemed to be) University on the following terms & conditions:-

1. The NOC is valid for the Academic Session **2016-17**.
2. You are advised to get in touch with Jamia Hamdard (Deemed to be) University for further formalities relating to affiliation.
3. The institute shall abide by all rules, regulations and guidelines of DCPTOT.
4. The institute shall abide by all the rules and regulations of Govt. of India/ GNCT of Delhi/other local Authority and the affiliating University in force in Delhi.
5. The institute shall function in a legal and authorized building and there should not be any violation of rule and regulation prescribed under the law.
6. There should not be any violation of any terms and conditions regarding the land use as prescribed by Govt./Local bodies/Authority.
7. NOC shall liable to be cancelled/withdrawn in case of any violation of above conditions or any other statutory provisions/rule.
8. If it comes to the knowledge of the Govt. of Delhi that the NOC has obtained by giving any false or misleading information by concealing or suppressing any material the NOC granted shall be cancelled.

The NOC is further subject to the conditions that:-

- i. **Performance Bank Guarantee** shall to be submitted as per council guidelines (Rule no. 14.15(i) and 14.20)

The council will re-inspect the institute to verify the steps taken by them to meet the council guidelines. Kindly inform the council as well as this office as soon as above deficiencies are rectified. Deficiencies to be rectified in 30 days from date of issue of this letter.

Yours faithfully,

(NAVIN KUMAR SHARMA)
SUPERINTENDENT (P&R)

No. F. 9/15/2008/P&R/H&FW/ 1711 to 1714

Dated: 28/07/2016

Copy to:

1. The Registrar, DCPTOT, Delhi Govt. Dispensary Building, Bar Road, New Delhi.

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
DEPARTMENT OF HEALTH & FAMILY WELFARE
9TH LEVEL, A-WING, DELHI SECRETARIAT, NEW DELHI

No. F. 9/15/2008/P&R/H&FW/ 1707 to 1710
C.D. No. 112108656

Dated: 28/07/2016

To,

The Principal,
Department of Rehabilitation Science,
Hamdard Institute of Medical Sciences and Research,
Jamia Hamdard, Hamdard Nagar, New Delhi-62.

Sub:- Issue of NOC for Continuation of **Masters in Occupational Therapy (Musculoskeletal) Programme** Course at Department of Rehabilitation Sciences, Hamdard Institute of Medical Sciences and Research, Jamia Hamdard, Hamdard Nagar, New Delhi-62.

Sir,

In continuation of Registrar, DCPTOT recommendation received vide file No.DCPTOT/Sec. Corre./90-04/42 dated 14/06/2016 on the above cited subject, I am directed to convey the approval of the Competent Authority for issue of 'No Objection Certificate' for continuation of **Masters in Occupational Therapy (Musculoskeletal) Programme** Course with intake of **06 (Six)** students for Academic Session **2016-17** to Department of Rehabilitation Sciences, Hamdard Institute of Medical Sciences and Research, Jamia Hamdard, Hamdard Nagar, New Delhi-62 affiliated to Jamia Hamdard (Deemed to be) University on the following terms & conditions:-

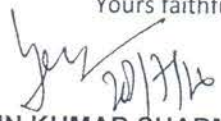
1. The NOC is valid for the Academic Session **2016-17**.
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4. The institute shall abide by all the rules and regulations of Govt. of India/ GNCT. of Delhi/other local Authority and the affiliating University in force in Delhi.
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The council will re-inspect the institute to verify the steps taken by them to meet the council guidelines. Kindly inform the council as well as this office as soon as above deficiencies are rectified. Deficiencies to be rectified in 30 days from date of issue of this letter.

Yours faithfully,


(NAVIN KUMAR SHARMA)
SUPERINTENDENT (P&R)

No. F. 9/15/2008/P&R/H&FW/ 1707 to 1710
Copy to:

Dated: 28/07/2016

1. The Registrar, DCPTOT, Delhi Govt. Dispensary Building, Box 5001, New Delhi.

PGDM/MBA courses

www.aicte-india.org/dashboard/pages/approvedinstitutes.php

[AICTE](#)
[Dashboard](#)
[Approved Institutes](#)
[NRI/PIO-FN-CIWG/TP](#)
[Faculties](#)
[Graphs & Charts](#)
[Closed Courses](#)
[Closed Institutes](#)
[Unapproved](#)

List of AICTE approved Institutes in 'Management' 'PG' for the state Delhi for the academic year: 2016-2017

Show 10 entries Search: jamia hamdard

Aicte ID	Name	Address	District	Institution Type	Women	Minority	Course Details	Faculty Details
1-2814191920	JAMIA HAMDARD	DEPARTMENT OF MANAGEMENT HAMDARD NAGAR NEW DELHI 110062	SOUTH DELHI	Deemed University (Government)	N	Y	click here	click here

Records Found

Showing 1 to 1 of 1 entries (filtered from 41 total entries)

Previous 1 Next

Number of HIs: 201955

Year: 2016-2017

Select State: Delhi

Select Program: Management

Select Level: PG

Course: Type course name(if any)

Suggestions

Institution Type: --All--

Minority: Women

Submit

www.aicte-india.org

www.aicte-india.org/dashboard/pages/approved.php?aicteid=1-2814191920&course=8&year=2016-2017

List of AICTE Approved courses for the Institute

Show 10 entries Search:

Programme	University	Level of the course	Course	Shift	Full/Part Time	Intake	Enrollment
MANAGEMENT	None	POST GRADUATE DIPLOMA	POST GRADUATE DIPLOMA IN MANAGEMENT (HOSPITAL AND HEALTH MANAGEMENT)	1st Shift	FULL TIME	60	0
MANAGEMENT	None	POST GRADUATE DIPLOMA	POST GRADUATE DIPLOMA IN MANAGEMENT (PHARMACEUTICAL MANAGEMENT)	1st Shift	FULL TIME	60	0
MANAGEMENT	Jamia Hamdard, New Delhi	POST GRADUATE	MASTERS IN BUSINESS ADMINISTRATION (GENERAL MANAGEMENT)	1st Shift	FULL TIME	120	0

Showing 1 to 3 of 3 entries

Previous 1 Next



Speed Post

F.No. 6-5/2016(DEB-I)

Dated: November, 2016

~~The Registrar,
Jamia Hamdard
(Hamdard University)
Hamdard Nagar,
New Delhi- 110062.~~

[Handwritten signature]
22/11

21 NOV 2016

Sub: Recognition for offering programmes in Open & Distance Learning (ODL) mode from academic year 2016-17 - regarding.

Sir,

This is in reference to your proposal submitted for consideration of recognition in response to UGC letter F.No. 12-3/2016 (DEB-III) dated 21.03.2016 and subsequent interface meeting attended by your University/Institutions. In this regard, I am directed to inform that it has been decided to accord recognition to your institution to offer certain programmes through distance mode for two academic years i.e. 2016-17 and 2017-18 subject to strict adherence and compliance of the conditions mentioned in this letter.

2 The university shall scrupulously abide by the following terms and conditions, while offering the programmes through distance learning mode in accordance with the Affidavit dated 10th October, 2016 duly notarised and signed by Dr. Firdous A, Registrar and submitted to the UGC.

3 The recognition accorded to the institution will be valid only for the programmes/courses as mentioned in the list attached with this letter.

i) The University shall offer only those programmes through Open and Distance Learning (ODL) mode, which are approved by the statutory bodies of the University as per norms and also by UGC and wherever necessary by the apex regulatory bodies in the country.

ii) It is the responsibility of the University to follow the norms prescribed by the concerned regulatory body/ies such as UGC, AICTE, NCTE/any other and also seek its/their prior approval, wherever required.

iii) The University shall not start any new programme without prior approval of UGC and other concerned regulatory authorities in anticipation of recognition.

iv) The nomenclature of all the programmes to be offered under distance mode shall be strictly as per UGC/AICTE Regulations.

[Handwritten signature]

- v) No teacher education programme shall be offered without prior approval of the NCTE (as per new NCTE regulations,2014)
- vi) The Ministry of HRD's directions prohibiting B.E/ B.Tech through distance mode vide it's letter dated 29.07.2009 shall be adhered to strictly.
- vii) The programmes in Engineering and Technology e.g. B.E/ B.Tech/ Diploma and courses in Medicines/ Nursing/ Physiotherapy etc. are not allowed and the University will not be offering the same.
- viii) The university shall refrain from offering such programmes that are not allowed to be offered, through distance mode by the respective apex body/ies.
- ix) No online programme leading to award of Degree/ Certification shall be offered by the University, until a policy is framed and approved by UGC in this regard.
- x) The minimum duration of a programme, offered in ODL mode shall not be less than the minimum duration of similar programme offered through the regular mode. Nomenclature of programme and the minimum eligibility criteria for admission should be as per UGC norms and Regulations.
- xi) The University shall run its ODL programmes only in those subjects/ fields which are offered by it through regular mode.
- xii) The university shall have at least one full time faculty member exclusively for coordinating each programme at the headquarters
- xiii) The eligibility conditions for admissions to each course to be offered through distance learning mode shall be as per norms of UGC/AICTE and other regulatory bodies.
- xiv) The territorial jurisdiction in respect of University for offering programmes through distance mode will be as per the policy of UGC on territorial jurisdiction and opening of off campuses/centres/study centres as mentioned in the UGC notification No.F.27-1/2012(CPP-II), dated 27th June 2013, a copy of which is also posted on the UGC website www.ugc.ac.in/deb.
- xv) The programmes in distance mode will not be offered through franchising arrangement and /or through any private institution /college
- xvi) The Institution will have necessary infrastructure at its HQ as well as its Study Centres (if any) for conduction of practical work, wherever required.

4. Moreover, the University shall not offer any M.Phil/Ph.D Programme through distance learning mode in compliance to clause 5 of the UGC (Minimum Standard and Procedure for awards of M.Phil./Ph.D Degree), Regulation 2009.

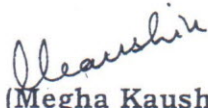
5. The Institution's management of the distance education programmes will be open for review and inspection by the UGC. The academic norms of the programmes shall be under monitoring by the concerned regulatory authorities.



6. It may also be noted that:

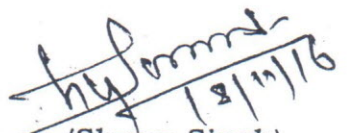
- i. If the institution fails to comply with the conditions of recognition for which the Affidavit, as mentioned above has been submitted or if it is found conducting affairs in a manner that leads to deterioration of academic standards, the UGC may withdraw its recognition at any stage. The University will be solely responsible for the same.
- ii. The recognition can be reviewed depending on change of policy with reference to ODL Regulations or otherwise.
- iii. In case any information, documentary evidence submitted/produced by the University/institution is found to be false or fake at a later stage, the recognition of University/institution shall be withdrawn and the University/Institution concerned shall be solely responsible for the all consequences arising out of the same.

Yours faithfully,


(Megha Kaushik)
Education Officer

Copy to:

1. The Secretary, Higher Education, B-wing, 5 Sham Nath Marg, Government of NCT of Delhi, Delhi- 110054.
2. The Joint Secretary (TEL), MHRD, Govt of India, Shastri Bhawan, New Delhi - 110 001
3. The Member Secretary, AICTE, 7th floor, Chanderlok Building, Janpath, New Delhi 110001
4. The Member Secretary, National Council for Teacher Education, Hans Bhawan, New Delhi.
5. Publication Officer (Web), UGC for updating website.
6. Guard file.


(Shyam Singh)
Section Officer

University Grants Commission
Distance Education Bureau

List of programmes approved by UGC to Jamia Hamdard University, New Delhi to be offered through distant mode during the academic year 2016-17 & 2017-18 only, as per the terms and conditions contained in the UGC letter F.No. 6-5/2016 (DEB-I) dated November, 2016

S.No.	Name of the Programmes
1.	PG Diploma in Bio-Informatics (PGDB)
2.	PG Diploma in Chemo-Informatics (PGDC)
3.	PG Diploma in Dietetics and Therapeutics Nutrition (PGDDIN)
4.	PG Diploma in Pharmaceutical Regulatory Affairs (PGDPRA)
5.	PG Diploma in Environment Monitoring and Impact Assessment (PGDEMIA)
6.	PG Diploma in Intellectual Property Rights (PGDIPR)
7.	PG Diploma in Human Rights
8.	PG Diploma in Medical Records Techniques (PGDMRT)
9.	Bachelor in Computer Application (BCA)
10.	Bachelor in Business Administration (BBA)

Hyderabad

Megha Kaushik
(Megha Kaushik)
Education Officer

Permission letter for 2016-17
With visitors Report- (24/2/16)

By Speed Post/Fax/E-mail
Conditional Permission

CCIM

F.No.R-17012/09/2016-EP (IM-1)

भारत सरकार

Government of India

आयुर्वेद, योग व प्राकृतिक चिकित्सा, यूनानी, सिद्ध एवं होम्योपैथी मंत्रालय (आयुष)

Ministry of Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homoeopathy (AYUSH)

"AYUSH BHAWAN"
B-Block, GPO Complex, INA,
New Delhi – 110 023
Dated: 26.10.2016

To

The Dean,
Faculty of Medicine (Unani),
Jamia Hamdard, Hamdard University,
Hamdard Nagar, New Delhi – 110 062,
Fax no.: 011-26059663
E-mail: mjiddiqui@jamiyahamdard.ac.in
Website: www.jamiyahamdard.edu

Sub: Grant of conditional permission to the Faculty of Medicine (Unani), Jamia Hamdard, Hamdard University, Hamdard Nagar, New Delhi for 50 UG seats in BUMS Course and 03 PG Courses namely (i) Moalijat, (ii) Ilmul Advia, (iii) Tahaffuzi wa Samaji Tib with 03 seats in each subject under Section 13C/13A of the IMCC Act, 1970 for the academic session 2016-17 – reg.

Sir,

I am directed to refer to the Ministry's order No.R.17012/09/2015-EP (IM-1) dated 19.10.2015 related to admission matter for the year 2015-16 intimating certain shortcomings for rectification for consideration of the case for the 2016-17 session.

2. The CCIM had carried out an inspection of the institution on 24.02.2016 to reassess the available facilities of teaching and practical training as well as to verify the compliance submitted by the college and forwarded its recommendations and report to this Ministry. On examining the same, it was observed that the required number of higher faculties and RMO/RSO/MOs were not available in the college and hospital as per MSR. Therefore, under provisions of the first proviso to sub-section (5) of Section 13A of the IMCC Act, 1970, an opportunity of hearing was granted to the college on 06.10.2016 to present the case.

3. The observation of hearing Committee based on submission made by the college during hearing and recommendations & visitation report of the CCIM have been carefully examined in terms of the "Indian Medicine Central Council (Minimum Standard Requirements of Unani Colleges and attached Hospitals) Regulations, 2013, provisions under the IMCC Act, 1970, relevant regulations made thereunder and as per approval of the Hon'ble MoS (IC) for the UG/PG course(s) for grant of conditional permission for the academic session 2016-17 vide Ministry letter No.R.11011/01/2016-EP (IM-1) dated 12.08.2016 and 31.08.2016 (available at Ministry's website <indianmedicine.nic.in>) and it is found that the College is fulfilling the notified and approved criteria as follows:-

(1/10/16)
26.10.16

(i) **Teachers:**

- a. For UG course: 90% eligible teachers, 12 Higher Faculties (Professor/Reader) in 11 Departments in the college, at least 1 teacher in each of 14 Departments and 10 part time teachers up to 60 UG seats;
- b. For PG course(s): In addition to the UG course, 1 Higher Faculty + 1 Lecturer in the concerned PG department, fulfillment of teacher-student ratio (1:3 for Professor, 1:2 for Reader and 1:1 for Lecturer);

(ii) **Beds in hospital:**

- a. Minimum 60 beds in hospital of college for UG course in case of up to 60 intake capacity;
- b. Minimum 75 bedded hospital for PG Colleges of Unani and additional beds in 1:4 student-bed ratio for each PG clinical seat over the total requirement of beds for UG students intake capacity;

(iii) **Minimum 120 patients per day in OPD during the year 2015 for up to 60 UG seats;**(iv) **40% bed occupancy for UG College and 50% bed occupancy for Colleges with PG course/s in IPD during the year 2015; and**(v) **Equipment and instruments:** Minimum 90% of required equipment as specified under the schedule VII of MSR;

4. It has, therefore, been decided by the Central Government to **grant of conditional permission** to the **Faculty of Medicine (Unani), Jamia Hamdard, Hamdard University, Hamdard Nagar, New Delhi** for **BUMS course with 50 seats and 03 PG Courses namely (i) Moalijat, (ii) Ilmul Advia, (iii) Tahaffuzi wa Samaji Tib with 03 seats in each subject after considering 04 college faculty re-designated as HF conditionally** (the seats in the said PG courses will be subjected to the availability of eligible PG teachers for PG in concerned Department as per PG Unani regulation) for the academic session 2016-17 under section 13C/13A of the IMCC Act, 1970 subject to the condition that the college shall fulfill the following requirements by **31st December, 2016** and compliance report of fulfilling the shortcomings would be submitted by Jamia Hamdard to the Ministry of AYUSH as committed during hearing, failing which, the granted permission would be considered as withdrawn which will be further verified for granting permission from the academic session 2017-18 with following instructions: onwards (a copy of Assessment Sheet of CCIM is also enclosed):

- (i) The College shall remove shortcoming of Higher Faculty and eligible screened faculty members for promotion under Career Advancement Scheme (CAS) for the higher faculty levels as per undertaking submitted by the registrar of University along with the IQAC list during hearing would be fulfilled as committed during hearing;
- (ii) that the college shall obtain the NABH accreditation for the Hospital within one year and the NAAC accreditation for the College within two years from the issuance of the permission letter and the college shall submit its compliance to this Ministry as well as the CCIM within specified period;
- (iii) all the Minimum Standard Requirements of infrastructure and teaching & training facilities as specified in Regulation 3 of the "Indian Medicine Central Council (Minimum Standard Requirements of Unani Colleges and attached Hospitals) Regulations, 2013 by 31st December 2016 to get permission for a period not exceeding five years. Failing which, as per Sub-regulation (4) of Regulation 3 of

(H) 2
20.10.16

- Regulations namely the "Indian Medicine Central Council (Minimum Standard Requirements of Unani Colleges and attached Hospitals) Regulations, 2013, "All the existing colleges, which are not able to achieve full compliance of the requirement as specified in these regulations by the 31st December, 2016, shall be denied permission from academic year 2017-18 onwards and action as envisaged under section 21 of the Act shall be initiated against all such colleges apart from rejection of their applications under sections 13A or 13C, which have been under consideration by way of conditional permissions or denials"; and
- (iv) all the requirements under the provisions of the IMCC Act, 1970 and relevant Regulations made thereunder should be fulfilled *in toto*.
5. The fulfillment of the conditions attached to the permission given above may be made within the time period specified and compliance report should be submitted to the Ministry of AYUSH endorsing a copy to the CCIM also. The CCIM will verify by means of an inspection that the conditions have been fulfilled and submit a report in this matter to the Ministry of AYUSH for considering the permission matter for the session 2017-18.
6. This issues with the approval of Competent Authority.

Yours faithfully,
 (H.O. 26/10/16)

(Ramendra Pratap Shukla)
 Under Secretary to Government of India

Copy to:

- i. The Secretary, CCIM, 61-65 Institutional Area, Opp. 'D' Block, Janakpuri, Delhi-110 058 for information with request to conduct a *suo moto* inspection of the college after 31st December, 2016 to verify the compliance submitted by the college in terms of the provisions under the IMCC Act, relevant regulations and norms of the CCIM and shall submit the recommendations and inspection report to the Ministry of AYUSH by the end of March, 2017 positively, so that the matter with regard to grant of permission from the academic session 2017-18 may be considered well before the start of next academic session.
- ii. Principal Secretary (Health), Govt. of NCT of Delhi, Payers Building, Delhi Secretariat, Vikas Marg, New Delhi for information.
- iii. The Registrar, Jamia Hamdard, Hamdard Nagar, New Delhi-110 062 for information and compliance.

(H.O. 26/10/16)

(Ramendra Pratap Shukla)
 Under Secretary to Government of India
 Ph. No. 011-24651975



Jamia Hamdard

(Hamdard University)

(Declared as Deemed-to-be University under Section 3 of
the UGC Act, 1956 vide Notification No. F-9-18/85-U-3
dated 10.5.1989 of the Government of India)

Phone : 2605 9688 (12 Lines)
Fax : 00-91-11-26059663
E-mail : inquiry@jamiahamdard.edu
Website : www.jamiahamdard.edu

V K Kakkar
Registrar

HAMDARD NAGAR
NEW DELHI - 110062

JH/RO/ECOR-5/2011

Dated: 15.01.2011

Ms. Uma Bali
Under Secretary
University Grants Commission
Bahadurshah Zafar Marg
New Delhi – 110 002

Subject: Compliance Report in respect of observations/suggestions of the UGC Expert Review Committee.

Dear Ms. Uma Bali,

This has reference to your letter No.F.No.1-4/2009(CPP-I) dated 30.12.2010 on the above subject. We would like to inform that the Expert Committee under the Chairmanship of Prof. R.K. Kale, Hon'ble Vice-Chancellor of Central University of Gujarat visited our University on 7-8th January 2010. It is to inform that we have received the report of the Committee vide letter No.F.No.1-4/2009 (CPP-I) dated 2/12/2010 from Ms. Swati Raman (US). While going through the report we have noted that the Committee has not given any specific suggestions which need follow up action.

The final recommendations of the Committee are reproduced hereunder:

The Committee notes that the Jamia Hamdard (Deemed to be University) is functioning satisfactorily and is continuously striving to better its performance to achieve excellence. The Jamia Hamdard (Deemed to be University), therefore, deserves, support and encouragement.

This is for your kind information.

With regards,

Yours sincerely,

(V K Kakkar)
Registrar



F.No.1-4/2009 (CPP-I)

SPEED POST

November, 2010

The Registrar,
Jamia Hamdard
Hamdard Nagar
New Delhi 110062.

1 2 DEC 2010

Subject : Compliance on the observations/suggestions of the Report of UGC Expert Review Committee.

Sir,

With reference to your letter No. AS/JGC(Q)/JH-7/2010 dated 19th November 2010 on the above subject, I am directed to enclose the copy of the UGC Expert Review Committee Report as desired by you. You are requested to send the compliance Report in respect of the observations/suggestions of the UGC Expert Review Committee along with documentary proof.

This may be treated as MOST URGENT.

Yours faithfully,

Swasti Raman
(Swasti Raman)
Under Secretary

Encl: As above.



S. K. Khandekar
S

S.No 1820
6/12/10



S Raisuddin <sraisuddin@jamiahamdard.ac.in>

Jamia Hamdard - AQAR

2 messages

S Raisuddin <sraisuddin@jamiahamdard.ac.in>
To: naachelpdesk@gmail.com

Wed, Sep 14, 2016 at 10:48 AM

Dear Sir/Madam

Greetings

We are herewith submitting copies of Annual Quality Assurance Reports (AQARs) of Jamia Hamdard for the year as indicated below:

1. 2010-11
2. 2011-12
3. 2012-13
4. 2013-14
5. 2014-15

All these AQARs have been approved by the IQAC Committee of the University and also by other statutory bodies of the University.

The soft copies of AQARs have been placed on the University web site at the link:
<http://jamiahamdard.edu/aqar/>.

We have taken utmost care to prepare the report. However, any omission or discrepancy will be rectified.

This for your kind information and needful at your end. Reports may be forwarded to concerned department.

Kindly acknowledge and advise.

Thanking you.

Sincerely


Prof. S. Raisuddin
Director, IQAC
Jamia Hamdard, New Delhi


Ph (Mobile): +91 9810370351


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[Please think before printing this mail. Together we can save precious bio-resources for our future generations]

**5 attachments** **Jamia Hamdard_AQAR_2010-11.pdf**
920K

 **Jamia Hamdard_AQAR_2011-12.pdf**
962K

 **Jamia Hamdard_AQAR_2012-13.pdf**
933K

 **Jamia Hamdard_AQAR_2013-14.pdf**
952K

 **Jamia Hamdard_AQAR_2014-15.pdf**
976K

CAPU AQAR <capuaqar@gmail.com>
To: sraisuddin@jamiyahamdard.ac.in

Mon, Sep 19, 2016 at 1:29 PM

NAAC/AQAR ACK/ SEPTEMBER / 2016/

Jamia Hamdard
Hamdard Nagar
Delhi

Subject: Acknowledgement of AQAR

We are acknowledging the receipt of Online Submission of **Annual Quality Assurance Report** (AQAR) for the year : 2010-11/2011-12/2012-13/2013-14/2014-15.

THANKS WITH REGARDS
CAPU-AQAR
(CENTRAL APPLICATION PROCESSING UNIT)
080-23005125 / 24

On Thu, Sep 15, 2016 at 10:51 AM, NAAC HELP Desk <naachelpdesk@gmail.com> wrote:

Regards

NAAC
CENTRAL APPLICATION PROCESSING UNIT (CAPU)

[Quoted text hidden]



National Assessment and Accreditation Council (NAAC)

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore – 560 072

Jamia Hamdard (Hamdard University) New Delhi

To enhance rigour and objectivity to the assessment and accreditation process, the University is requested to upload and submit the following information along with the SSR to NAAC.

Sl.no	A. Core Indicators	
1	Percentage of courses where major syllabus restructuring was carried out during last 3 years	In all (100%) courses syllabus has been revised at least once in last 3 years. However, syllabi of courses under purview of regulatory Councils have been revised as per the direction of the concerned Council.
2	Temporal Plan in more than 50% of programmes (CBCS/ Semester/ Annual)	Yes. CBCS has been introduced in courses wherever there has been no directives of regulatory Councils. Almost all the courses are under semester system.
3	Percentage of teachers with Ph.D. qualification General Courses Professional courses (For ex.MD/ DM for medicine)	37%

	and ME/MS for engineering)	100%
4	Student computer ratio	10 : 1 (600 computers for 5798 regular students on campus – session 2016-17)
5	The number of departments with UGC/SAP/CAS/DST/FIST etc, in university	SAP – 07 Departments; FIST – 04 Departments; University has also been selected for DST-PURSE in the year 2016.
6	Number of Post Doctoral Fellows/ Research associates working a) Locals b) outsiders	Total 14
7	Number of ongoing research projects/per teacher	<1 per teacher
8	Number of completed research projects/per teacher (Funded by National/International Agencies)	< 1 per teacher
9	Coordinated/ Collaborative projects (National and International)	<ul style="list-style-type: none"> • Indo-US project in the field of Rotavirus sponsored by DBT. • Indo-US project in the field of Leshmaniasis sponsored by DST. • Indo-Polish project in the field of health-metrics sponsored by DST. • There are national level collaborative projects.
10	National recognitions for faculty for Teaching/Research/ Consultancy/Extension (Reputed/recognised bodies)	<ul style="list-style-type: none"> • CSIR-Bhatnagar Award – 02; • FNA – 04

		<ul style="list-style-type: none"> • FNASc – 05; • TWAS – 02; • Humboldt Fellow-03; • Commonwealth Fellow – 02; • Fellow of Society of Toxicology – 01; • Fellow of Academy of Environmental Biology – 01;
11	Number of Patents (last 5 years)	<p>Patents granted in last 5 years – 8 (Indian – 7; US -1)</p> <p>Patents filed in last 5 years – 13.</p>
12	Output of M.Phil & Ph.D per faculty	<p>Ph.D. awarded in last 5 years:</p> <p>2012- 61</p> <p>2013 -56</p> <p>2014- 93</p> <p>2015 – 102</p> <p>2016 – 86</p> <p>Total: 398</p> <p>Total permanent teacher: 300</p> <p>Ph.D. per faculty = 1.32 per faculty.</p>
13	Revenue generated from consultancy per year	Rs. 12,35,000 in last 5 years; 2,47,00 per year.

14	Number of MoUs with International recognized bodies	3
15 (a)	<ul style="list-style-type: none"> - Publications per faculty - Total number of publications of the university:..... 	Total publications listed in Scopus in last 5 years: 2067; Publication per faculty: 6.89
15 (b)	Percentage of papers published in journals listed in well known international databases	100% in SCOPUS as above numbers (i.e. 2067)
16	Average impact factor of publications	Cumulative impact factor of all faculties for the last 5 years: 3102; Average impact factor: 1.50
17	Number of papers with more than 10 citations	<i>h</i> -Index– 68 In last 5 years – 43 Other indices: Total citations: 15162 <i>i</i> 10: 426 <i>i</i> 50: 31 <i>i</i> 100: 05
18	Number of book titles per student (in the central library) excluding book bank	27.39 books per student
19	Percentage of annual allocation for library spent on purchase of journals (national & international) and other library resources (CDs, Cassettes, etc.)	42.33% (based on 2016-17 allocation)
20	Number of national/international conferences /workshops organised per department per year and names of experts participated	Total number of event organized in last 5 years – 35; Per year; 7; per department: <1.
21	Student performance in national/international level examinations (eg: ET/SLET/GATE/GMAT/CAT, GRE/TOFEL, Civil Services)	In last 5 years: NET: 121 GATE: 20

		<p>GPAT: 223</p> <p>Central and State Services Examinations:152 (aspirants selected from the those enrolled in Jamia Hamdard Residential Coaching Academy)</p>
22	Student Teacher Ratio (average across all disciplines)	16.53 : 1 (student : teacher)
23	University has the following. i) IQAC ii) Accreditation by national body iii) International accreditation/ISO certification iv) AAA	<p>i) IQAC is fully functional; ii) University has been accredited by NAAC in two cycles in Grade ‘A’, consecutively.</p> <p>iii) The Department of Radiology, HIMSR accredited by the National Accreditation Board for Hospitals & Healthcare Providers (NABH).</p>
24	Outstanding Achievements/Recognition by faculty/alumni both at national and international level	<ul style="list-style-type: none"> • Faculty members are either Editor or Editorial Board Members of the reputed journals. • Faculty members are Chairman or member of various Committees constituted by the Government of India. • Two faculty members

		<p>appointed as Director General of Central Council for Research in Unani Medicine (CCRUM), Department of AYUSH on deputation.</p> <ul style="list-style-type: none"> • Faculty members have been appointed as chairman/member of peer team of regulatory councils and NAAC. • Faculty members have been appointed as Adjunct Faculty at other Institute/ University.
B. Desirable Indicators		
25	Outstanding performance of students in sports/cultural activities at national level	<ul style="list-style-type: none"> • University has well equipped Gymnasium, outdoor and indoor sports facilities. • For the first time in Jamia Hamdard the Association of Indian Universities (AIU) organized the North Zonal Inter-Varsity Basketball (Women) Tournament during November

		<p>2-7, 2015 and All India Inter-Varsity Basketball (Women) Tournament during November 13-19, 2015. Over 50 teams participated in the events and sports facilities at Jamia Hamdard were highly appreciated by the participating universities and official of AIU. For the first time in Jamia Hamdard the Association of Indian Universities (AIU) organized the North Zonal Inter-Varsity Basketball (Women) Tournament during November 2-7, 2015 and All India Inter-Varsity Basketball (Women) Tournament during November 13-19, 2015. Over 50 teams participated in the events and sports facilities at Jamia Hamdard were highly appreciated</p>
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		by the participating universities and official of AIU.
26	Feedback received from different stakeholders on syllabi etc. (i) Students (ii) Alumni (iii) Parents (iv) Employers (v) peers	Feedback from students and peers are obtained. There is only informal mechanism to collect feedback from other stakeholders.
27	Percentages of recommendations of the stakeholders implemented	100% recommendations of peers are implemented in course revision. Peers are members of Board of Studies
28	Number of interdisciplinary course combinations introduced during last five years as percentage of total programmes	10 out of total 95 course of interdisciplinary content have been introduced from UG to Doctoral levels; percentage: 10.5%.
29	Percentage of Departments conducting tutorial classes	~ 50%
30	Number of courses, where continuous assessment of student performances is structured into the system	Continuous internal assessment is integral part of each course. Marks in the range of 25-30% are allocated for internal assessment. The component of internal assessment – Unit-wise classroom assessment, assignment and/or seminar.
31	Percentage of faculty availing international fellowship	<1%

	for advance studies	
32	Percentage of courses/programmes that formally integrate e-learning resources from National Programmed Teaching Enhanced Learning (NPTEL) Digital library retrieval	There is no formal integration with NPTEL. However, University has undertaken ePG-Pathshala projects in subjects of Pharmaceutical Sciences, Biochemistry and Biotechnology.
33	Percentage of annual budget allocated for augmentation of infrastructure facilities (average of last 3 years)	Approximately 7% of total budget has been allocated for maintenance of infrastructure.
34	Total number of class rooms, seminar halls with LCD/OHP etc.	Class rooms- Besides a cluster of 17 smart class rooms, each department has provision of on an average of 2 class rooms fitted with LCD projectors and other class –room amenities. Seminar Hall – 08
35	Declaration of results within	In time.
36	Average pass percentage of students	Average: 81% (range from 62-100%).
37	Student Placement percentage average per year	Campus placement 45.83 % (as per Pharmacy data placed 275 out of 600)
38	Percentage of student progression to higher education	47.00 % (as per Pharmacy data B.

		Pharm to M.Pharm admission 282 out of 600)
39	Average drop-out percentage of students	Approximately 2%.
40	Unit cost of Education (excluding salary)	Rs. 54,417 (excluding salary component)
41	Aggregate percentage of seats filled against seats reserved for various categories as per applicable reservation policy	Being a minority institution reservation is offered to students belonging to minority community. There is also provision of reservation for persons with disability (PWD). Almost 100% seats reserved for minority students are filled-in, especially in technical and professional courses. Depending on applicants seats for PWD are filled-in.
42	Number of differently abled persons on roll: Teaching / Non Teaching/ Students	Teachers: 02; Non-teaching staff: 02; Students: 01 (student admitted in 2016-17)
43	Percentage representation of staff (teaching/ non-teaching) in decision making bodies	Teachers are represented in all the decision making bodies such as Board of Management, Academic Council, Finance Committee and Planning and Monitoring Board. On an average more than 50% members are University teachers.

44	* Percentage of autonomous colleges to the total number of colleges	Not applicable
45	Percentage of teachers from other states	42.6%
46	Donations received for institution of Chairs, endowments, seminars, and lecture series in crores of INR in last 5 years.	No donation has been received for constituting Chairs, Endowments, Seminar and Lecture series. However, different companies/societies have sponsored seminars/workshops. The overall amount in last 5 years is approximately Rs. 25 lakh.
47	Contribution of Alumni/parents (average of last 5 years) for development of university in lakhs	Nil.
48	Percentage of Female Students	44.9%
49	Programme for professional development of staff per year	<ul style="list-style-type: none"> • University has created a Faculty Development Centre (FDC). The Centre organized its first programme entitled “Energizing Innovative Skills in Pharmaceutical Education and Research” on May 30 – June 3, 2017. • IQAC Organized two Faculty Development

		<p>Programmes for teachers and non-teaching staff. i) “Leadership Development and Personality Enhancement Programme’ on September 26-17 and 2014 ii) “Managing Stress and Personality Deficits through Skill Development” on February 25, 2016.</p> <ul style="list-style-type: none"> • Department of Pharmaceutics has initiated “Professional Development Programme Initiative Series” and organized a programme on January 30, 2017. • Continued Medical Education (CME) programme are organized at the Medical School (HIMSR) on regular basis. • Teachers are allowed to attend “Orientation Programme” and “Refresher Course” at UGC-HRD Centres at
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		other Universities.
50	Projection of successful innovative practices	<ul style="list-style-type: none"> • National Skills Training Centre – “Daksh” for Midwives has been established at Jamia Hamdard with the joint collaboration of Ministry of Health and Family Welfare, Govt. of India and Liverpool School of Tropical Medicine, UK. • mLabour Application was used by the staff nurses to improve their practice. • Incentive for publication in High Impact Factor Journals and Highly Cited Papers has encouraged faculty and students to publish their research work in high impact factor journals. • Newly recruited teachers are provided Research Promotion Grant (Seed Money) to undertake research work in the

		<p>formative stage of their career.</p> <ul style="list-style-type: none"> • Jamia Hamdard is one of the pioneers in Rain Water Harvesting in Delhi. • High value research fellowships with the name “Jamia Hamdard Silver Jubilee Fellowships” have been instituted for doctoral and post-doctoral research. • In order to foster close university-industry interaction there are three industry-university collaborative research centres in Jamia Hamdard, viz., Clinical Pharmacology Unit of SunPharma Industries Ltd., Hilleman Labs for vaccine research and BD-JH FACS Academy for training in flow cytometry. • University has invested with physical and financial resources to establish Jamia
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		<p>Hamdard-Institute of Molecular Medicine for cutting-edge research on molecular – basis of diseases and their prevention.</p>
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**Applicable only to the affiliating Universities.*



Place: New Delhi
Date: 16-05-2017

Signature
Vice Chancellor



Prof. (Dr.) Seyed E. Hasnain
Vice Chancellor
Jamia Hamdard
(Hamdard University)
Hamdard Nagar, New Delhi-110062



JAMIA HAMDARD

(Hamdard University)

New Delhi - 110062

website: www.jamiahamdard.edu

VOLUME - II



SELF STUDY REPORT

for Third Accreditation Cycle

Submitted to
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL [NAAC],
BENGALURU

JAMIA HAMDARD

(HAMDARD UNIVERSITY)
Hamdard Nagar, New Delhi - 110062

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New Delhi – 110062

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SELF STUDY REPORT (SSR)

Submitted to

**NATIONAL ASSESSMENT AND ACCREDITATION
COUNCIL (NAAC)
BENGALURU**

[Cycle- 3]

SELF STUDY REPORT (SSR)

VOLUME – II

EVALUATIVE REPORTS OF DEPARTMENTS

Note: Evaluative Reports of Department cover activities for 5 years of period between January 1, 2011 to December 31, 2015.

Volume II

Evaluative Reports of the Departments

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Volume II

Evaluative Reports of the Departments

School of Interdisciplinary Studies

**(Formerly Faculty of Interdisciplinary Sciences &
Technology)**

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	FOOD TECHNOLOGY			
2.	Year of establishment:	2008			
3.	Is the Department part of a School/Faculty of the university?	Yes, Faculty of Interdisciplinary Sciences and Technology (Earlier known as Faculty of Engineering and Interdisciplinary Sciences)			
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	M Tech (Food Technology)			
5.	Interdisciplinary programmes and departments involved:	PhD Programme in Food & Fermentation Technology			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA			
7.	Details of programmes discontinued, if any, with reasons:	NA			
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	Semester/CBCS			
9.	Participation of the department in the courses offered by other departments:	NA			
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)
		Professor	1	0	0
		Associate Professors	1	0	0
		Assistant Professors	4	2	2
		Others	---	3	3
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:				
	Name	Qualification	Designation	Specialization	No. of Years of Experience

	Dr.Z.R.A.A.Azad	M.Tech.,Ph.D.	Asstt.Prof	Food Engg	7	-
	Dr.Vasudha Sharma	M.Sc.,Ph.D.	Asstt.Prof	Food Engg	3	-
	Mr.Jinku Bora	M.Tech	Lecturer	Food Engg	6 months	-
	Miss Mifftha Yaseen	M.Tech	Lecturer	Food Engg	6 months	-
	Miss.Aastha Bhardwaj	M.Tech	Lecturer	Food Engg	6 months	-
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		NIL			
13.	Percentage of classes taken by temporary faculty – programme-wise information:		20% Units were covered by Faculties of other Departments of the University			
14.	Programme-wise Student Teacher Ratio:		6:1			
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		Designation	Sanctioned	Filled/actual	
			Senior Technical Assistant	0	0	
			Technical Assistant	01	01	
16.	Research thrust areas as recognized by major funding agencies:		i. Nutraceuticals and Functional Food ii. Meat Technology			
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:					
	Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure		Grant received	
	NA	NA	NA		NA	
18.	Inter-institutional collaborative projects and associated grants received:		NA			
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):		Funding agency	Project title, if any	Grant received	
			Ministry of Food Processing Industries, GoI, New Delhi	Infrastructure Development	75 Lakh	
20.	Research facility/centre with:		NA			
21.	Special research laboratories sponsored by/created by industry or		NA			

	corporate bodies:	
22.	Publications: (last 5 years):	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): 11 • Monographs • Chapters in Books: • Edited Books • Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers) <p>Publications:</p> <p>[2014]</p> <ol style="list-style-type: none"> 1. F.M.Allai, Azad, Z.R.A.A., B.N.Dar, T.Ahmad (2014) Shelf-life study of Sugar Cane Juice: Effect of Different Treatments. Advances in Food Sciences,36,(4) ISSN-1431-7737 2. Vasudha Sharma and H.N.Mishra (2014) Unstructured kinetic modeling of growth and lactic acid production by Lactobacillus plantarum NCDC414 during fermentation of vegetable juices. LWT-Food Science and Technology,59, 1123-1128. ISSN-0023-6438 3. Ishrat Majeed, S.A.Ashraf, M.F.Ahmad, M.A.Khan, Z.R.A.A.Azad (2014) conventional heat treatment on fatty acid profile of different edible oils using gas chromatography. International Journal of Biosciences,Vo-4,No-1, pp-238-243 ISSN-2220-6655 4. Ajay Kumar Sharma, Rajeev Kumar, Z.R.A.A. Azad, P.G.Adsule (2013) Use of fine wine lees for value addition in the ice cream, Journal of Food Science and Technology, page 10-13 ISSN-0022-1155 <p>[2013]</p> <ol style="list-style-type: none"> 5. M.F.Ahmad, F.A.Ahmad, Z.R.A.A. Azad, M.I.Alam, J.A.Ansari, B.P.Panda (2013) Edible Mushroom as Health promoting Agent. Advance Science Focus, Vol-1, pp-1-8 ISSN-2330-0760 6. M.F.Ahmad, B.P.Panda, Z.R.A.A. Azad (2013) Simultaneous Bio prospecting of Ganoderma Lucidium OE -52 with Ganoderic acid b and C2 by submerged fermentation process, Advances Science focus,Vol-1,pp-1-4, ISSN-2330-0760 7. M.F.Ahmad, F.A Ahmad, Z.R.A.A. Azad, M.S.Alam,S.A. Ashraf, (2013) Nutraceutical is the need of hours, World journal of of Pharmacy and Pharma ceutical Sciences, 2(5),2518-2525 ISSN-2278-4357 <p>[2012]</p> <ol style="list-style-type: none"> 8. Z.R.A.A. Azad (2012) Role of smoking on the textural characteristics and shelf-life of buffalo meat, Journal of Industrial Research and Technology,2(2), 98-103 ISSN-2229-9467 9. Z.R.A.A. Azad (2012) Effect of packaging materials on the shelf-life and sensory characteristics of Buffalo meat during refrigerated storage , Journal of Industrial Research and Technology,Vol-2(1,pp-51-57) ISSN-2229-9467 10. Vasudha Sharma and H.N. Mishra (2012)Fermentation of vegetable juice mixture by probiotic lactic acid bacteria, Nutra Food 11. Ajit K Singh, Vasudha Sharma and K C yadav (2012)Journal of Food Science and Technology,3,(2) ISSN-2278-2249 <p>Proceedings : NIL Monograph : NIL</p>

Edited Books : NIL					
Book/ Chapter One					
S. No.	Authors/editors (list all)	Title	ISBN	Year of publication	Publishers including city
1	Sharma V, Mishra HN/H. Prathap Kumar Shetty	<i>Traditional Foods: Recent trends and future perspectives</i> Chapter Title: Production of probiotic bitter gourd juice by lactic acid bacteria	81-87299-56-8	2012	Puducherry Co - operative Book Society (publishers)
Citation And H-index: (Google Search)					
Name of the Faculty		Citations	h-index		
Dr Z R A A Azad		-	-		
Dr Vasudha Sharma		-	-		
Mr Jinku Bora		-	-		
Ms Aastha Bhardwaj		-	-		
Ms Mifftha Yaseen		-	-		
23.	Details of patents and income generated:	N/A			
24.	Areas of consultancy and income generated:	N/A			
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	Dr. Z.R. Azaz Ahmad Azad- 1. Assessor deputed by Quality Council of India 2. Auditor deputed by IRQS, India			
26.	Faculty serving in:	Dr. Z.R. Azaz Ahmad Azad (National Skill Development Mission) Dr. Z.R. Azaz Ahmad Azad (World Halal Council) Editorial Boards of journals: Dr. Z.R. Azaz Ahmad Azad(International Journal of Meat Science) any other (please specify)			
	(i) National committees:				
	(ii) International committees:				
	(iii)				
	(iv)				

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):

Referesher/Orientation Programme attended:

Name of faculty member	Title of programme	Institution where attended	Duration (dates)
Dr. Z.R. Azaz Ahmad Azad	Orientation Programme	J.N.U, New Delhi	7 May-2 June,2014
Dr. Z.R. Azaz Ahmad Azad	Refresher Course	N.D.R.I., Karnal	3 September-23 september,2014

Conferences/Workshop Attended:

No.	Title of Conference/ Seminar etc. with dates	Organised by	Whether International/national State/regional/College or University level	Name of the participants
	Participated in national symposium on Probiotis and microbiome and Gut function ,Feb 15-16, 2014, New Delhi	akult India microbiota and probiotic Science foundation, New Delhi	ational	r. V. Sharma
	Participated in the National conference on “Chronic inflammatory Disorder”, 13-15 Feb, 2014	mia Hamdard	ational	r. Z.R.A.A. Azad
	Participated in the national seminar on “Engineering interventions for Global competitiveness of Indian Dairy Industry”, 8-9 September,2014	DRI, Karnal	ational	r. Z.R.A.A. Azad
	Participated in the National seminar on “Regulatory and Quality Aspects of Herbal drugs and Botanicals”,01 st Feb,2014	mia Hamdard	ational	r. Z.R.A.A. Azad
	Participated in Workshop on food safety in International Trade, April 4-6, 2013	xport Council of India, New Delhi	ational	r. V. Sharma
	Participated in International conference and Exhibition on Probiotics ,Nov 19-	mics Publishing Group, USA	ternational	r. V. Sharma

	.2012, USA			
	participated in Annual Meeting and Food Expo on Nutraceuticals and Functional foods, June 25-28, 2012, USA	Institute of Food Technology, USA	International	Dr. V. Sharma
	participated in the National Symposium on “Emerging Trends in Biochemical and Toxicological Sciences”, March, 6 th , 2012	A.M.U., Aligarh	National	Dr. Z.R.A.A. Azad
	3 days workshop on Development of Educational Framework for human resource in food safety sector, 03-04, November, 2011	ICSSAI, New Delhi	National	Dr. Z.R.A.A. Azad

Invited Lectures delivered Paper Presented and Chairmanships at International/ National/Regional/ Local conference/seminar etc.

Sl. No.	Title of Lecture/ Academic Session	Title of Conference/ Seminar etc. with dates	Organised by
1.	Invited Lectures delivered on “Scope and Opportunities Available in Food Sector”	Faculty Development Programme on Entrepreneurship at, Bahra University, Kanda Ghat, Solan, HP, 23 December, 2011	Institute of Entrepreneurship Development, UP
2.	Invited Lectures delivered on “Career Opportunities in Food Science and Technology”	Duty Society, A.M.U. Aligarh, 26 th June 2011	Duty Society, A.M.U. Aligarh
3.	Invited Lectures delivered on “Ghazae Masnuaat me Haram Ajza ki Amezish aur Uska hal”	Madarsa Shah Waliullah, Muradabad 30 th December, 2013	Islamic Fiqh Academy, New Delhi
4.	Invited Lectures delivered on “Current Status of food Industries in India”	Duty Society, A.M.U. Aligarh, 30 th June, 2014	Duty Society, A.M.U. Aligarh
5.	Invited Lectures delivered on “Concept of halal and Tayyab Practices in Food Industry”	Annual Workshop of All India Muslim Food Industry Managers and Supervisors on “Halal Practices in Food Industry” 28 th June, 2014	Jamiat Ulama-i-Hind Halal Trust, New Delhi
6.	Paper presented entitled “Food Processing and Environmental Protection”	A.M.U., Aligarh	International

		in the International Conference on “Population Dynamics and Sustainable Resource Development” March 25-27, 2012		
7.		Paper Presented entitled “Role of Smoking in Enhancing Quality and Shelf-life of Buffalo Meat” in the National Conference on “Emerging Technological Changes to Meet the Demands of Domestic and Export Meat Sector”, 7 th to 9 th , Feb,2013	IMSA, Hyderabad	National
8.		Paper Presented entitled “Organic Farming: Scope and Opportunities in India” in the National Conference on “Indian Food Processing-For Sustainable Prosperity in Agriculture”, 26 th December,2010	All India Food Processors Association, New Delhi	National
9.		Paper Presented entitled “HACCP Application in Meat Industry for Quality Production” in National Seminar on “Food Safety and Quality”, 5 th June,2011	All India Food Processors Association, New Delhi	National
10.		Paper Presented entitled “Meat Industry in India: Present and Future” in the National Conference on “All India Food Safety Summit-2012”, 3 rd June,2012	All India Food Processors Association, New Delhi	Naional
11.		Paper presented entitled “Good manufacturing Practices (GMP) For Herbal Medicinal Products” in the national Seminar on “Scope of Emerging Technologies in Unani Medicine”, 23 rd march,2013	A.M.U., Aligarh	National
12.		Paper presented entitled	All India Food Processors	National

	“Engineering Application in Food Processing for Safe and Wholesome Food Production” in the National Conference on “Cutting Edge Technologies for Food Processing Industries in India-Catalyst for Inclusive Growth”, 11 ^h December, 2011	Association, New Delhi	
	13. Paper presented entitled “Indian Traditional Foods and FSSAI” in the National Conference on “Addressing Issues relating to proprietary Foods for Speedy development of Food processing Industry” 30 th June, 2013	All India Food Processors Association, New Delhi	National
28.	Student projects:	<ul style="list-style-type: none"> percentage of students who have done in-house projects including inter-departmental projects 75% percentage of students who have done projects in other Universities/Institutions 25% 	
29.	Awards /recognitions received at the national and international level by: <ul style="list-style-type: none"> Faculty- N/A Doctoral/post doctoral fellows - N/A Students - N/A 		
30.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:		
	Title Seminars/Conferences/ Workshops	Dates	No. of participants
	Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme		
	-	-	-
31.	Code of ethics for research followed by the departments:	Two committees (i) IAEC (ii) Ethics Committee	
32.	Student profile programme-wise: Data From Examination Department		

33.	Diversity of students:																					
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">Name of the Programme (refer to question/point no. 4)</th> <th style="width: 15%;">% of students from the same university</th> <th style="width: 15%;">% of students from other universities within the State</th> <th style="width: 15%;">% of students from universities outside the State</th> <th style="width: 15%;">% of students from other countries</th> </tr> <tr> <td>M Tech Food Tech</td> <td><10%</td> <td>20%</td> <td>70%</td> <td>--</td> </tr> </table>	Name of the Programme (refer to question/point no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries	M Tech Food Tech	<10%	20%	70%	--											
Name of the Programme (refer to question/point no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries																		
M Tech Food Tech	<10%	20%	70%	--																		
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	NIL																				
35.	Student progression:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Student progression</th> <th style="width: 40%;">Percentage against enrolled</th> </tr> </thead> <tbody> <tr> <td>UG to PG</td> <td style="text-align: center;">--</td> </tr> <tr> <td>PG to M.Phil.</td> <td style="text-align: center;">--</td> </tr> <tr> <td>PG to Ph.D.</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Ph.D. to Post-Doctoral</td> <td style="text-align: center;">-</td> </tr> <tr> <td>Employed</td> <td></td> </tr> <tr> <td> • Campus selection</td> <td style="text-align: center;">10</td> </tr> <tr> <td> • Other than campus recruitment</td> <td style="text-align: center;">65</td> </tr> <tr> <td>Entrepreneurs</td> <td style="text-align: center;">10</td> </tr> </tbody> </table>			Student progression	Percentage against enrolled	UG to PG	--	PG to M.Phil.	--	PG to Ph.D.	15	Ph.D. to Post-Doctoral	-	Employed		• Campus selection	10	• Other than campus recruitment	65	Entrepreneurs	10
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36.	Diversity of staff:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Percentage of faculty who are graduates</th> <th style="width: 30%;">%</th> </tr> </thead> <tbody> <tr> <td>of the same university</td> <td style="text-align: center;">20</td> </tr> <tr> <td>from other universities within the State</td> <td style="text-align: center;">40</td> </tr> <tr> <td>from universities from other States</td> <td style="text-align: center;">40</td> </tr> <tr> <td>from universities outside the country</td> <td style="text-align: center;">Nil</td> </tr> </tbody> </table>			Percentage of faculty who are graduates	%	of the same university	20	from other universities within the State	40	from universities from other States	40	from universities outside the country	Nil								
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37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	01 (Dr. Vasudha Sharma)																				
38.	Present details of departmental infrastructural facilities with regard to	<ul style="list-style-type: none"> (i) Library: Available on Faculty Level (ii) Internet facilities for staff and students : Available (Both LAN and wi-fi) (iii) Total number of class-rooms: 02 (Faculty level) (iv) Class room with ICT facility: 01 (Faculty level) (v) Students Laboratories: 02 (vi) Research Laboratories: 01 																				

39.	List of doctoral, post-doctoral students and Research Associates:	Nil																																												
40.	Number of post graduate students getting financial assistance from the University:	NA																																												
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	Yes, B Tech Food Tech Programme is proposed to start from session 2016-17. The viability of programme was assessed by the duly constituted committee and approved by Academic council																																												
42.	Does the department obtain feedback from:	Yes																																												
43.	List the distinguished alumni of the department (maximum 10): Distinguished Alumni	<table border="1"> <thead> <tr> <th>Name</th> <th>Course</th> <th>Batch</th> <th>Present position and affiliation</th> </tr> </thead> <tbody> <tr> <td>Dr. Farooque Ahmad</td> <td>M.Tech.</td> <td>2008-2010</td> <td>Asst. Professor, Najran University, KSA</td> </tr> <tr> <td>Dr. Aamir Ashraf</td> <td>M.Tech.</td> <td>2008-2010</td> <td>Asst. Professor, Hail University, KSA</td> </tr> <tr> <td>Mr. Abhishek Paswan</td> <td>M.Tech.</td> <td>2008-2010</td> <td>Quality Manager, Britannia, New Delhi</td> </tr> <tr> <td>Mr. Santosh Pal</td> <td>M.Tech.</td> <td>2008-2010</td> <td>Lead Auditor, SGS, Gurgaon</td> </tr> <tr> <td>Ms. Archana Singh</td> <td>M.Tech.</td> <td>2008-2010</td> <td>Asst. Professor, Bundelkhand University, Jhansi</td> </tr> <tr> <td>Mr. Pranay Kumar</td> <td>M.Tech.</td> <td>2008-2010</td> <td>Manager, Gulf Food, Dubai, UAE</td> </tr> <tr> <td>Miss. Deepshikha</td> <td>M.Tech.</td> <td>2008-2010</td> <td>Asst. Professor, Agra University, Mathura</td> </tr> <tr> <td>Mr. Sandeep Gupta</td> <td>M.Tech.</td> <td>2009-2011</td> <td>Manager(Production), Cadbury, Bhopal</td> </tr> <tr> <td>Miss. Farhana Mehraj Allai</td> <td>M.Tech.</td> <td>2009-2011</td> <td>Asst. Professor, IUST, J&K</td> </tr> <tr> <td>Miss. Mifftha Yaseen</td> <td>M.Tech.</td> <td>2010-2012</td> <td>Lecturer, Hamdard University, New Delhi</td> </tr> </tbody> </table>	Name	Course	Batch	Present position and affiliation	Dr. Farooque Ahmad	M.Tech.	2008-2010	Asst. Professor, Najran University, KSA	Dr. Aamir Ashraf	M.Tech.	2008-2010	Asst. Professor, Hail University, KSA	Mr. Abhishek Paswan	M.Tech.	2008-2010	Quality Manager, Britannia, New Delhi	Mr. Santosh Pal	M.Tech.	2008-2010	Lead Auditor, SGS, Gurgaon	Ms. Archana Singh	M.Tech.	2008-2010	Asst. Professor, Bundelkhand University, Jhansi	Mr. Pranay Kumar	M.Tech.	2008-2010	Manager, Gulf Food, Dubai, UAE	Miss. Deepshikha	M.Tech.	2008-2010	Asst. Professor, Agra University, Mathura	Mr. Sandeep Gupta	M.Tech.	2009-2011	Manager(Production), Cadbury, Bhopal	Miss. Farhana Mehraj Allai	M.Tech.	2009-2011	Asst. Professor, IUST, J&K	Miss. Mifftha Yaseen	M.Tech.	2010-2012	Lecturer, Hamdard University, New Delhi
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44.	Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.:	<ul style="list-style-type: none"> Organized various lectures for M Tech Students Seminar on personality development 																																												
45.	List the teaching methods adopted by the faculty for different programmes.:	<ul style="list-style-type: none"> Chalk and Board. Power Point Presentation OHP Presentation Audio-Visual aids (videos on subject related topics) Group Discussion Method 																																												

		<ul style="list-style-type: none"> • Problem Based learning • Interactive Teaching • Online assistance to students • Industrial Visits
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	<ul style="list-style-type: none"> • Regular Internal Assessment • Seminar sessions • Assignments • Semester/CBCS • Regular interaction with students to discuss and review. • Regular department meetings of faculty • Students Feedback reports • Academic progress of students monitoring at department level • Review of course completion report at the end of semester
47.	Highlight the participation of students and faculty in extension activities.	<p>Students of the department participated in the program organized by the Ministry of Consumer Affairs “Jago Grahak „Jago” in July,2012</p> <p>Students of the department participated in the program organized by the Ministry of Skill Development “Skilled India” in Oct,2014</p> <p>Participated in Swach Bharat Abhiyaan (02 October & 14 November)</p>
48.	Give details of “beyond syllabus scholarly activities” of the department.	<ul style="list-style-type: none"> • Industrial visits during the summers and winters • Students participated in different seminar related to their field
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details.:	Yes, accredited by NAAC in “A” Category
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	Department train the students to develop the skills of prospective consultants, advisor, auditors in inspection boards or quality assurance departments, in this regard several training session have been organized.
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	<p>Strengths</p> <ol style="list-style-type: none"> 1. State of art lab facility developed by MoFPI fund 2. Funding from various agencies <p>Weaknesses</p> <ol style="list-style-type: none"> 1. There is no exclusive space for department i.e. space is limited. 2. There is no office staff except one attendant <p>Opportunities</p>

		<ol style="list-style-type: none"> 1. Interdisciplinary teaching and research 2. Being in the Capital of India we may attract more students than the other colleges 3. Demand of Food technologists is increasing in hotels, quality control, soft drink factories, food industries, packaging etc 4. Food Technology park, are accommodating a sizeable number of food tech candidates <p>Challenges</p> <ol style="list-style-type: none"> 1. Lack of Senior faculty member of Food Technology i.e. Professor level 2. Strengthen the department with respect to modernized instruments and quality education to meet with market demand.
52.	Future plans of the department.:	<ol style="list-style-type: none"> 1. To Strengthen the M. Tech programme 2. To start B.Tech Food Technology Programme from academic session 2016-17

**School of Humanities and Social
Sciences**
(Formerly Faculty of Social Sciences and
Humanities)

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	CENTRE FOR FEDERAL STUDIES			
2.	Year of establishment:	1994			
3.	Is the Department part of a School/Faculty of the university?	Yes, it is part of Faculty of Social Sciences and Humanities.			
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	I. PG (M.A. Human Rights) II. M.Phil. (Federal Studies) III. Ph.D. (Federal Studies)			
5.	Interdisciplinary programmes and departments involved:	Federal Studies is a new interdisciplinary discipline involving policy specialization in the fields of Science and Humanities. Need based specialization of other faculties in other departments of the University are also utilized.			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA			
7.	Details of programmes discontinued, if any, with reasons:	NA			
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Semester system			
9.	Participation of the department in the courses offered by other departments:	Faculty teaches research methodology to the research scholars of Management Studies and Islamic Studies			
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)
		Professor	2	1	01(CAS)
		Associate Professors	1	1	01 (CAS)
		Assistant Professors	5	1	01
		Others			

11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	S. Mehartaj Begum	M.A., Ph.D.	Professor and Head	Human Rights Issues in India, Indian Administration , Crimes Against Women	18	Submitted [01] Ongoing [02]
	Ajay Kumar Singh	M.Phil.,Ph. D.	Associate Professor	Federal- Political theory, Comparative federal constitutionalism with special focus on Union Model of Indian Federalism, Identity politics, Regionalism and State Formation, Judiciary and Indian Federalism, Electoral processes, Globalization and global governance	20	Awarded [02] Submitted [01] Ongoing [02]
	Rajendra Kumar Pandey	M.Phil.,Ph. D.	Assistant Professor	Human Rights, Indian Politics and Political Thought, Public Policy and Administration , Disaster Management	15	Ongoing [01]
	Akhter Majeed	M.A., Ph.D	Professor	Federal- Political theory, Comparative	35 (Passed away in 2011)	Awarded [2]

				federal constitutionalism with special focus on Union Model of Indian Federalism																										
	Kumar Suresh	M.A., M.Phil, Ph.D	Associate Professor	Federal-Political theory, Comparative federal constitutionalism with special focus on Union Model of Indian Federalism	18 (Resigned in 2011)	Awarded [09] Submitted [01]																								
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	NA																												
13.	Percentage of classes taken by temporary faculty – programme-wise information:	NA																												
14.	Programme-wise Student Teacher Ratio:	M.A. (Human Rights) : 8 : 1 M.Phil. (Federal Studies): 4 : 1 Ph.D. (Federal Studies): 2 : 1																												
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	<table border="1"> <thead> <tr> <th>Designation</th> <th>Sanctioned</th> <th>Filled/actual</th> <th></th> </tr> </thead> <tbody> <tr> <td>Office Superintendent</td> <td>01</td> <td>Filled but not posted in department</td> <td></td> </tr> <tr> <td>Sr. Stenographer</td> <td>01</td> <td>Filled but not posted in department</td> <td></td> </tr> <tr> <td>Computer Programmer</td> <td>01</td> <td>Filled but not posted in department</td> <td></td> </tr> <tr> <td>Jr. Assistant</td> <td>01</td> <td>01</td> <td></td> </tr> <tr> <td>Office Attendant</td> <td>01</td> <td>01</td> <td></td> </tr> </tbody> </table>			Designation	Sanctioned	Filled/actual		Office Superintendent	01	Filled but not posted in department		Sr. Stenographer	01	Filled but not posted in department		Computer Programmer	01	Filled but not posted in department		Jr. Assistant	01	01		Office Attendant	01	01			
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Jr. Assistant	01	01																												
Office Attendant	01	01																												
16.	Research thrust areas as recognized by major funding agencies:	<p>Mandate and Thematic Thrust of the Centre</p> <p>To promote interdisciplinary research, studies and training on different dimensions of ‘federal nation’, and ‘state building’ in a plural society.</p> <p>To develop as an exclusive knowledge resource centre i.e. to provide policy alternatives and interventions, and to grow as internationally acclaimed resource repository on various dimensions of federal nation building in India and other</p>																												

		<p>multicultural and diverse polities of the world, particularly Euro-American and South Asian polities. To convert academic studies into pragmatic policies. To popularize ‘federalism’ as grand design of ‘living together’.</p> <p>Doctrinal Focus Federal Studies the world over has matured as Doctrine of state and nation building. Doctrine of noncentralized/decentralized governance. Doctrine of empowerment and welfarism Doctrine of right. Doctrine of peace and conflict resolution.</p> <p>Contemporary Focus Federal Studies has developed as policy science to promote interface studies on ‘human capital’ and ‘natural resource management’. It is being planned and developed as principal knowledge instrument for shaping the future of mankind in the 21st Century. It is unconventional in nature and scientific in temperament. It bridges the traditional divide between natural sciences and social sciences.</p> <p>Currently Centre Promotes Studies in comparative framework on following themes Interstate comity. Federal power sharing. Working of coalition system. Environmental management and ecological concerns of development. Sectoral analysis of state policies. Decentralization, development and empowerment. Human Rights, inclusive growth and socio-economically marginalized groups Federal accommodation of identities.</p>								
<p>17.</p>	<p>Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:</p>	<table border="1"> <thead> <tr> <th data-bbox="272 1423 508 1535">Name of the faculty</th> <th data-bbox="508 1423 914 1535">Title of the Ongoing project</th> <th data-bbox="914 1423 1214 1535">National/International funding agencies/Tenure</th> <th data-bbox="1214 1423 1450 1535">Grant received</th> </tr> </thead> <tbody> <tr> <td data-bbox="272 1535 508 1822">Prof. S. Mehartaj Begum</td> <td data-bbox="508 1535 914 1822">Empowerment of women under below poverty line through the urban employment programmes: A case study of Delhi (Project completed during the period under review)</td> <td data-bbox="914 1535 1214 1822">University Grants Commission (1.7.2012 to 30.06.2014)</td> <td data-bbox="1214 1535 1450 1822">Rs. 6,84,600/-</td> </tr> </tbody> </table>	Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure	Grant received	Prof. S. Mehartaj Begum	Empowerment of women under below poverty line through the urban employment programmes: A case study of Delhi (Project completed during the period under review)	University Grants Commission (1.7.2012 to 30.06.2014)	Rs. 6,84,600/-
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<p>18.</p>	<p>Inter-institutional collaborative projects and associated grants received:</p>	<p>(i) National collaboration: NIL (ii) International collaboration : NIL</p>								

<p>19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):</p>		<p>Funding agency</p>	<p>Project title, if any</p>	<p>Grant received</p>
		UGC	UGC - Area Study Grant (1.4.14 to 31.3.2019)	Rs.40 Lacs
		UGC	Grants in Aid (2012-13)	Rs. 10 Lacs
		UGC	Area Study Grants (1.4.2012 to 31.3.2013)	Rs. 10 Lacs
<p>20.</p>	<p>Research facility/centre with:</p>	<p>NA</p>		
<p>21.</p>	<p>Special research laboratories sponsored by/created by industry or corporate bodies:</p>	<p>NA</p>		
<p>22.</p>	<p>Publications: (last 5 years):</p>			
		<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): 15 <p>2015</p> <ol style="list-style-type: none"> 1. S. Mehartaj Begum, (2015). “Promoting Cooperative Governance in India: The Case of Protection and Promotion of Human Rights”” <i>African Journal of Public Affairs</i>, 8(1),58. (African Journal of Public Affairs is peer-reviewed journal accredited with the International Bibliography of the Social Sciences and four editions are published in a Year)by University of Pretoria, South Africa. 2. Ajay Kumar Singh (2015). “Exploring Union Model of Indian Federalism”, in <i>Yojana</i>, (A Development Monthly of Government of India, Ministry of Information and Broadcasting), 35-40. (ISSN- 0971-8400). 3. Rajendra Kumar Pandey (2015). ‘Anti-terror Measures and Federal Balance in India’, <i>The Indian Journal of Public Administration</i>, LXI(1), 23-39. (ISSN-00195561) <p>2014</p> <ol style="list-style-type: none"> 1. Rajendra Kumar Pandey, (2014). Nagrik Samaj ke Udbhav ki Saidhantik Prishthabhumi’, <i>Lok Prashashan</i>, 6(2), 238-250.(ISSN- 22492577) <p>2013</p> <ol style="list-style-type: none"> 1. S. Mehartaj Begum, (2013). “Trends in the Growth of Primary Education in India”” <i>South India Journal of Social Sciences</i> (Bi Annual), XI(2),9-16 (ISSN 0972 – 8945). 2. Rajendra Kumar Pandey, (2013).‘Samajik Nyaya ka Manavadhikar Paripekshya’, <i>Lok Prashashan</i>, 5(2), 293-302. (ISSN- 22492577) 3. Rajendra Kumar Pandey, (2013) ‘Political Dynamics of Federalism in India’, <i>Indian Journal of Federal Studies</i>, .XIV(1), 120-140. (ISSN 0976-8408). <p>2012</p> <ol style="list-style-type: none"> 1. S. Mehartaj Begum, (2012). “Indian Constitution and the Protection of Women” 		

- Indian Journal of Federal Studies*, XIII(1), 106. (ISSN 0976-8408).
2. S. Mehartaj Begum, (2012). “Protection of Human Rights through Environmental Ethics” *International Journal of Sustainable Development*, 4(12), 55-62. (ISSN 1923-6654)
 3. Ajay Kumar Singh, (2012). “Nonsense”: Constitutional Democracy v. political Democracy” *Indian Journal of Federal Studies*, XIII(2), 89-107. (ISSN 0976-8408).
 4. Ajay Kumar Singh, (2012). “Vedanta, Bauxite and Dongaria Kondh: A Case of Tribal Self-Determination” *Indian Journal of Federal Studies*, XIII(1), 93-111. (ISSN 0976-8408).
 5. Rajendra Kumar Pandey (2012). ‘Gathbandhan Rajneeti evam Bhartiya Sanghvat’ *Lok Prashashan*, 4(2),389-398. (ISSN- 22492577)

2011

1. S. Mehartaj Begum, (2011). “Corruption as a Human rights Violation”, *Orient Journal of Law and Social Sciences*, V(6),45-48. (ISSN 0973-7480).
2. Ajay Kumar Singh, (2011) “Division of Uttar Pradesh” *Indian Journal of Federal Studies*, XII(2), 93-103. (ISSN 0976-8408).
3. Ajay Kumar Singh, (2011). “NCTC and Federalism”, *Indian Journal of Federal Studies*, XII(2), 104-111. (ISSN 0976-8408).

Chapters in Books : 12

2015

1. Ajay Kumar Singh (2015).“Constitutional Semantics and Autonomy within Indian Federalism,” In *Federalism as Decision Making: Changes in Structures, Procedures and Policies*, Francesco Palermo and Elisabeth Alber,(editors), Leiden & Boston: Brill Nijhoff, 120-147. (ISBN 978-90-04-27450-1).
2. Rajendra Kumar Pandey,(2015) ‘Changing Dynamics of Regionalism in South Asia’, in M B Alam (ed/), *India and her Neighbours*, Kalpaz Publications, New Delhi, 17-33. (ISBN- 9789351281207).

2014

1. Rajendra Kumar Pandey, (2014). India and Global Environmental Challenges’ in Mohammed Badrul Alam (ed.), *Contours of India’s Foreign Policy*, Reference Books, New Delhi, 19-36. (ISBN-9788184050820).

2013

1. Ajay Kumar Singh, (2013). “Region and State Formation in India,” In *Federalism, Regionalism and Territory*, Stelio Mangiameli (editor), 291-309.[ISBN 88-14-18144-6].
2. Rajendra Kumar Pandey, (2013). ‘Terrorism as Catalyst: Changing Dynamics of Indo-US Counter-Terror Cooperation’ in Mohammed Badrul Alam (ed.), *Indo-US Relations: Dimensions and Emerging Trends*, Shipra Publications, Delhi, 151-162. (ISBN-9788175416710).

2012

1. S. Mehartaj Begum, (2012). “Health Status in Andhra Pradesh: A Study” In “*Development of Health and Education in India*” by Global Research Publications, New Delhi. (ISBN 978-81-89630-63-8).
2. S. Mehartaj Begum and Jahanara, (2012). “Climate Change and Human Rights” In ‘*Human Rights in the New Millennium*’, by APH Publishing Corporation, New Delhi,

	<p>2012. (ISBN: 987-81-313-1440-1).</p> <ol style="list-style-type: none"> 3. S. Mehartaj Begum and Nirupama Singh, (2012). “Awareness and Education Related to People with Disabilities (PWD): A Cross-section Pilot Study” In <i>Human Rights in the New Millennium</i>’, by APH Publishing Corporation, New Delhi. (ISBN: 987-81-313-1440-1). 4. Rajendra Kumar Pandey, (2012). ‘Ethics as the basis of Human Rights in Hinduism’ in S.M. Begum (ed.), In <i>Human Rights in the New Millennium</i>, APH Publishing Corporation, New Delhi, 2012. 319-330. (ISBN-9788131314401). 5. Rajendra Kumar Pandey, (2012). ‘Peace Movements in India’ in R. Narayanan (ed.), <i>Civil Society, Political Regimes and Conflict</i>, Indira Gandhi National Open University, New Delhi, 127-136. (ISBN-9788126658954). <p>2011</p> <ol style="list-style-type: none"> 1. S. Mehartaj Begum, (2011). “Human Rights Education: A Tool to Protect and Promote Human Rights” In <i>Anatomy of Public Policy Reforms and Development</i>, by Macmillan Publishers India Lt d., New Delhi. (ISBN 023-033-274-9). 2. Rajendra Kumar Pandey, ‘Corruption in Disaster Relief in India: Causes, consequences and Reforms’, In Shri Bhagwan Dahiya et al (eds.), <i>Governance Issues and Corruption</i>, Intellectual Foundation (India), Rohtak,, 2011, 197-214. (ISBN-819039522-X). <p>Edited Books : 01</p> <p>2012</p> <ol style="list-style-type: none"> 1. S. Mehartaj Begum (ed.), (2012). <i>Human Rights in the New Millennium</i>, APH Publishing Corporation, New Delhi, Pages: 330 (ISBN-978-81-313-1440-1). <p>Books Authored: 02</p> <p>2011</p> <ol style="list-style-type: none"> 1. S. Mehartaj Begum, (2011). <i>Human Rights and Construction Workers, the Readers Paradise</i>, New Delhi, pages274 (ISBN-987-81-920751-1-2) 2. S. Mehartaj Begum, (2011). <i>Muslims Development in India</i>, Shri Sai Printographers, New Delhi, pages 256 (ISBN-9788189996376)
23.	<p>Details of patents and income generated:</p> <p>NA</p>
24.	<p>Areas of consultancy and income generated:</p> <p>NA</p>
25.	<p>Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad:</p> <p>NA</p>
26.	<p>Faculty serving in:</p> <p>National Committees: (05)</p> <p>Syed Mehartaj Begum</p> <ol style="list-style-type: none"> 1. University Grants Commission nominated as an Expert committee for evaluating the proposals received from the universities and colleges for recommending financial assistance under the scheme of ‘Human rights education’, New Delhi, January 19-21,

2011.

2. University Grants Commission nominated as an Expert to evaluate the performance and academic attainments for the conferment of Fresh autonomous status to St. Joseph's Degree and PG College, Hyderabad, 2011.

Ajay Kumar Singh

3. UGC nominated expert evaluator of SLM for BA Programme (Political Science) for Jaipur National University on 17-01-2014.
4. UGC nominated Reviewer of SLM for BA Programme (Political Science) for Jaipur National University on 10-12-2014.
5. Served as Expert to 14th Finance Commission of India, 2014.

International committees (04)

Syed Mehrataj Begum

1. University of Fort Hare, Alice (main) Campus, King William's Town Rd, Alice, Republic of South Africa, Appointed as External Examiner to Evaluate Ph.D. and Masters Thesis w.e.f. February, 2012

Ajay Kumar Singh

1. Country Coordinator and Volume writer on India in six countries (India, Canada, Australia, Germany, Switzerland and USA) study on Decentralisation funded by Leverhume Trust, Institutional Coordinator: University of Kent, London. Decentralization is being measure on crucial policy fields of---- agriculture, culture and language, defense, economic activity, education---primary and secondary, education--- tertiary, employment relations, environment, financial services, electoral regulation, external affairs, health care, immigration, law--- criminal, law--- non-criminal, media content, natural resources, policing , social welfare, and transport.
2. Jury, Young Scholars Award, 2015, International Association of Centres of Federal Studies (IACFS)

Editorial Boards of journals (07)

S. Mehartaaj Begum

1. Member, Editorial Board "*Human Rights Expression (India's National Monthly Journal on Human Rights & Awareness)*" Edited, Printed and Published by Dr. Suman Kumar Thakur, Delhi, India, ISSN 2394-1189.
2. Member, Editorial Board "*Orient Journal of Law and Social Sciences (A Monthly Journal)*" Edited, Printed and Published by Dr. A.M.Abdul Rub, Secunderabad, Andhra Pradesh, India. ISSN 0973-7480.
3. Member, Editorial Board, "*Research Discourse: An International refereed Journal*" Edited by Dr. Anish Kumar Verma, Varanasi, India. ISSN 2277-2014.
4. Member, Editorial Committee, *Indian Journal of Federal Studies*, (ISSN- 09768408) New Delhi, since 2011.

Ajay Kumar Singh

1. Editor, *Indian Journal of Federal Studies*, (ISSN- 09768408) New Delhi, since 2011.
2. Member, Editorial Advisory Board, *African Journal of Federal Studies (ISSN 1119-*

	<p>0132) Nigeria (since Vol. 2 No. 1, 2012), Published by Institute of Governance and Social Research, Nigeria.</p> <p>Rajendra Kumar Pandey</p> <p>1. Member, Editorial Committee, <i>Indian Journal of Federal Studies</i>, (ISSN- 09768408) New Delhi, since 2011.</p> <p>3. any other (please specify): None</p>		
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):		
	Name of faculty member	Title of programme	Institution where attended
	Prof. S. Mehartaj Begum	Research Methodology Programme	Jawaharlal Nehru University, New Delhi
	Prof. S. Mehartaj Begum	Federalism, Decentralization and Conflict Resolution from International Summer University (Summa cum Laude In)	Institute of Federalism, Fribourg, Switzerland
	Dr. Rajendra Kumar Pandey	Federalism, Decentralization and Conflict Resolution from International Summer University (Summa cum Laude In)	Institute of Federalism, Fribourg, Switzerland
28	Student projects:	<ul style="list-style-type: none"> percentage of students who have done in-house projects including inter-departmental projects: Nil percentage of students who have done projects in other Universities/Institutions: Nil 	
29.	Awards /recognitions received at the national and international level by:	<ul style="list-style-type: none"> Faculty S. Mehartaj Begum <ul style="list-style-type: none"> ‘Global Human Rights Award-2011’ conferred by the All India Human Rights Association (AIHRA) on the occasion of the celebration of Silver Jubilee Function on 13th December 2011 at Talkatora Stadium, New Delhi. International Human Rights Promotion Award- 2011 conferred by the International Human Rights Protection Council, on the occasion of Human Rights Day 10th December 2011, Mavlankar Hall, Constitution Club, New Delhi. <p>Doctoral/post doctoral fellows: NIL</p> <p>Students: NIL</p>	

30.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:						
	Serial No.	Title Seminars/Conferences/Workshops	Dates	No. of Participants	Outstanding participants (keynote, speakers, eminent scientist/academicians)		
	1.	UGC sponsored National Seminar on <i>Science, Ethics and Human Rights</i>	8-10,February 2011	98	Justice J.S. Verma		
31	Code of ethics for research followed by the departments:		Centre follows University norms in this regards besides international norms.				
32.	Student profile programme-wise:						
	S.L	Name of the Programme	Year	Application Received	Total No. of Student		Pass Percentage (%)
					Male	Female	
	1.	M.A.	2009-2011		17	6	90
			2010-2012		02	07	100
			2011-2013		14	03	100
			2012-2014		09	11	100
			2013-2015		18	16	100
	Ph.D.	2011		-	-		
		2012		01	02		
		2013		01	-		
		2014		03	05		
2015			02	01			
33.	Diversity of students:						
	Name of the Programme	Year	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries	
	M.A.	2011	--	26	65	09	
		2012	--	22.22	33.33	44.44	
		2013	--	29.41	23.52	47.05	
		2014	--	55.00	25.00	20.00	
		2015	--	35.29	41.17	23.52	
	Ph.D	2011	--	--	--	--	
		2012	--	--	--	--	
		2013	00	00	00	100.00	

		2014	50	12.50	12.5	25.00																
		2015	100	00	00	00																
34	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	<p>NET - 05</p> <ol style="list-style-type: none"> 1. Manzoor Elahi 2. Shaheen Anjum 3. Najmussabah 4. Atul Kumar Lohia 5. Uma Devi <p>JRF - 04</p> <ol style="list-style-type: none"> 1. Rohtash 2. Lakhvinder Singh 3. Jigyasha Sharma 4. Ashish <p>Maulana Azad National Fellowship For Minorities: 01</p> <ol style="list-style-type: none"> 1. Shazia Waheed <p>Rajiv Gandhi National Fellowship For SCs And STs- : 04</p> <ol style="list-style-type: none"> 1. Devi Roy 2. Ajay Kumar Ranjan 3. Lovekesh 4. Govind Paswan 																				
35	Student progression:	<table border="1"> <thead> <tr> <th>Student progression</th> <th>Percentage against enrolled</th> </tr> </thead> <tbody> <tr> <td>UG to PG</td> <td>NA</td> </tr> <tr> <td>PG to M.Phil.</td> <td>2011: 16.66 2012: Nil 2013: 18.75 2014: 33.33 2015: 25.00</td> </tr> <tr> <td>M. Phil. to Ph.D.</td> <td>2011: NA 2012: Nil 2013: Nil 2014: 50.00 2015: 100.00</td> </tr> <tr> <td>Ph.D. to Post-Doctoral</td> <td>Nil</td> </tr> <tr> <td>Employed</td> <td>Nil</td> </tr> <tr> <td> <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment </td> <td>Nil</td> </tr> <tr> <td>Entrepreneurs</td> <td>Nil</td> </tr> </tbody> </table>					Student progression	Percentage against enrolled	UG to PG	NA	PG to M.Phil.	2011: 16.66 2012: Nil 2013: 18.75 2014: 33.33 2015: 25.00	M. Phil. to Ph.D.	2011: NA 2012: Nil 2013: Nil 2014: 50.00 2015: 100.00	Ph.D. to Post-Doctoral	Nil	Employed	Nil	<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	Nil	Entrepreneurs	Nil
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Entrepreneurs	Nil																					
36	Diversity of staff:	<table border="1"> <thead> <tr> <th colspan="2">Percentage of faculty who are graduates</th> </tr> </thead> <tbody> <tr> <td>of the same university</td> <td>Nil</td> </tr> <tr> <td>from other universities within</td> <td>66%</td> </tr> </tbody> </table>					Percentage of faculty who are graduates		of the same university	Nil	from other universities within	66%										
Percentage of faculty who are graduates																						
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from other universities within	66%																					

		the State	
		from universities from other States	34%
		from universities outside the country	Nil
37	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	None	
38	Present details of departmental infrastructural facilities with regard to	<p>a) Library: We do have Departmental Library which has all the necessary resources and facilities and it is located within the centre.</p> <p>b) Internet facilities for staff and students Jamia Hamdard has facilitated in providing internet access through 1 GB fiber Optic cables as well as Wifi throughout the campus. All the classrooms, offices, hostels and the entire campus has internet connectivity which has strengthened the academic and research activities of the Department.</p> <p>c) Total number of class rooms : 05</p> <p>d) Class rooms with ICT facility : 01</p>	
39.	List of doctoral, post-doctoral students and Research Associates:	<p>Doctoral: 21</p> <p>AWARDED [2015]</p> <ol style="list-style-type: none"> 1. Ms Shazia Waheed 2. Mr. Pradeep Kumar Jha 3. Mr. Ajay Kumar Ranjan <p>AWARDED [2014]</p> <ol style="list-style-type: none"> 4. Mr. Jitendra Kumar Tripathi <p>AWARDED [2013]</p> <ol style="list-style-type: none"> 5. Mr.Seyed Ali Asghar Mirian 6. Ms Joya Bhattacharya 7. Ms.Renuka Tyagi 8. Ms. Shimla <p>AWARDED [2012]</p> <ol style="list-style-type: none"> 9. Col. Ranjit Singh <p>AWARDED [2011]</p> <ol style="list-style-type: none"> 10. Mr. Sanjay Sharma 11. Mr. Mohd. Shafi Bhat 12. Mr. Balasim A. Abdullah 13. Mr. Seyed Abbas Hashemi <p>SUBMITTED [2015]</p> <ol style="list-style-type: none"> 14. Ms. Monica Madholia 15. Mr. Hasan Nour Bakhsh 16. Ms. Nargis Mehtab <p>ONGOING</p>	

		<p>17. Mr. Khalid A.H.Makki 18. Ms. Monica Gulati 19. Ms.Renuka 20. Ms. Tawqeer Fatima 21. Ms. Najmusaba</p> <p>Post-Doctoral: Nil Research Associates: Nil</p>																											
40.	Number of post graduate students getting financial assistance from the university.:	NIL																											
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	NA																											
42.	Does the department obtain feedback from:	Yes																											
43.	List the distinguished alumni of the department (maximum 10):	<p>Course: Ph.D.</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Batc h</th> <th>Present position and affiliation</th> </tr> </thead> <tbody> <tr> <td>Sudhir Krishna</td> <td>2006</td> <td>Retd. as Secretary, Union Ministry of Urban Affairs.</td> </tr> <tr> <td>Col. Ranjit Singh</td> <td>2012</td> <td>Joint Secretary, NHRC</td> </tr> <tr> <td>Jitendra Kumar Tripathy</td> <td>2014</td> <td>Joint Secretary, U.G.C.</td> </tr> <tr> <td>Kumar Suresh Shimla</td> <td>2006</td> <td>Professor, NEUPA</td> </tr> <tr> <td></td> <td>2013</td> <td>Former Director, Lok Shaba Secretariat</td> </tr> <tr> <td>Subhendru Ranjan Raj</td> <td>2004</td> <td>Associate Professor, PGDAV College (Eve.), University of Delhi</td> </tr> <tr> <td>Joya Bhattacharya</td> <td>2013</td> <td>Associate Professor, Gargi College, University of Delhi</td> </tr> <tr> <td>Mokbul Ali Laskar</td> <td>2008</td> <td>Regional Director, IGNOU</td> </tr> </tbody> </table>	Name	Batc h	Present position and affiliation	Sudhir Krishna	2006	Retd. as Secretary, Union Ministry of Urban Affairs.	Col. Ranjit Singh	2012	Joint Secretary, NHRC	Jitendra Kumar Tripathy	2014	Joint Secretary, U.G.C.	Kumar Suresh Shimla	2006	Professor, NEUPA		2013	Former Director, Lok Shaba Secretariat	Subhendru Ranjan Raj	2004	Associate Professor, PGDAV College (Eve.), University of Delhi	Joya Bhattacharya	2013	Associate Professor, Gargi College, University of Delhi	Mokbul Ali Laskar	2008	Regional Director, IGNOU
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44.	Give details of student enrichment programmes (special lectures/workshops/seminar) involving external `experts.	<p>FEDERAL STUDIES LECTURE SERIES</p> <p>Federal Studies Lecture Series is intended (i) to enrich epistemological canvass of the research scholars and faculties; (ii) to expose them to contemporary discourses on the issues of concern; (iii) to train them in the interdisciplinary/multidisciplinary approach to knowledge building; and (iv) to methodologically orient them towards advance specialization.</p>																											

	<p>1. Prof. RajatGanguly from School of Social Sciences & Humanities, Murdoch University, Murdoch, Australia, delivered a Lecture on ‘Contemporary Statehood Demands in India’ on 17 November 2012 in the Lecture Hall of the Centre for Federal Studies. He also circulated his paper entitled “Identity Politics and Statehood Movements in India”.</p> <p>2. The second of this series, a half-day Lecture-cum-Workshop on ‘Contemporary Challenges of Indian Democracy’ was organized on 26 November 2012 in the Hall No. 2, Hamdard Convention Centre. Vice-Chancellor, Dr. G.N. Qazi, in his opening remarks highlighted the critical relevance of ‘Federal Studies’. He specifically emphasized the need for interface studies among different disciplines taught, studied and researched in the university. Resource persons - ParanjayGuhaThakurta, an eminent TV journalist, having academic associations with premier institutions of excellence in India; and Shankar Raghuraman, Associate Editor, The Times of India, analytically presented panoramic overview of the dynamics of Indian democracy from the phase of one dominant party system to the current phase of coalition politics. Its genesis lies in the shift in the politics of social justice and identity since 1984. The underlying argument of the lecture was that the political processes in India are so complex and unpredictable that it is almost impossible to provide any prospective assessment and generalized theory of Indian politics. Even the nature and context of political coalitions are so diverse and variegated in the different states that any sort of generalization appears quite fallible. Taking Uttar Pradesh as a microcosm of the coalition politics in the country, the speakers averred that what seems to be national politics is highly regionalized, and the regional satraps are likely to take centrestage of politics. In fact, India is going to have multiple systems of coalitions. The lecture generated lively and contemporaneous debate on the issuing marking current phase of Indian politics. Registrar, Dr. Firdous A. Wani insightfully concluded the core ideas and counter ideas of the workshop.</p> <p>3. Prof. Apoorvanand, an Eminent Literary Critic, Columnist and Academician of Repute from Delhi University, delivered a lecture on ‘Communalism: Old and New’ on 26 November 2013 in the Lecture Hall of the Centre for Federal Studies. Key to his argument was the two mutually reinforcing propositions – (i) normalization of communalism; and (ii) nationalization of communalism.</p> <p>4. Dr. Firdaus A. Wani, Registrar, Jamia Hamdard, delivered</p>
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		Orientation Lecture on Understanding Research on 27 th November 2013 in the Lecture Hall of the Centre for Federal Studies.
45.	List the teaching methods adopted by the faculty for different programmes:	<ul style="list-style-type: none"> • Calendar update of syllabus • Simulated and case study based teaching • Field visit and lectures by professional and practioners • IT based teaching.
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	Through self-Regulation and Periodic Internal Assessment
47.	Highlight the participation of students and faculty in extension activities.	Field Visit, Outreach, Extension lectures
48.	Give details of “beyond syllabus scholarly activities” of the department.	Internship, Advocacy, Hands-on-approach
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details.:	NA
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.	<p><i>Original Contribution of the Centre</i></p> <ul style="list-style-type: none"> • Studies of the Centre uniquely contributed to the growth of a <i>Model Centric</i> appraisal of the Indian Federalism, now distinctively known as ‘<i>UNION MODEL</i>’. • Paradigmatic interface/methodological fusion of the ideas of Federalism, Nationalism and Multiculturalism resulted in the growth of an altogether a new concept/idea, popularly known as <i>federal nation building</i>. • Over the years, the Centre succeeded in transforming the idea and philosophy of federalism into an independent discipline of knowledge-<i>federal studies, a discipline of 21st century</i>.
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.	<p>a. Strengths</p> <p>(i) Only Area Study Center in Jamia Hamdard.</p> <p>(ii) A new area of specialized knowledge and a discipline of 21st century</p> <p>(iii) Only centre within university system of Asia which is member of prestigious International Association of Centres for</p>

		<p>Federal Studies (IACFS) (iv) Resource Centre for Inter-Sate Council, Ministry of Home, Government of India (v) A Partner-Centre of Forum of Federations, Ottawa, Canada.</p> <p>b. Weaknesses</p> <p>(i). ICT facility in all class rooms (ii) Sound proof class rooms</p> <p>c. Opportunities</p> <p>(i). Once shortages are removed, Centre has great potential to become renowned centre .of international excellence in the areas of federalism, human rights, nationalism, and Constitutional polity of India.</p> <p>(ii). Centre has immense potential to become academic leader on the thematic foci of the centre in South Asia.</p> <p>(iii). Centre has potential to play a catalytic role to convert its studies into policy sciences.</p> <p>(iv). Centre can excel in devising and enriching disciplinary and methodological boundaries of human rights studies.</p> <p>(v). Centre has the potential to become national resource and training centre for government officials and civil society activists in the critical areas of human rights such as minorities, women and other marginalized sections of society.</p> <p>d. Challenges</p> <p>(i). Idiomatic interface with the core and applied logic of other disciplines (ii). Converting federal methodology into IT based application particularly related to index measurement</p>
52.	Future plans of the department:	<p>(i) Centre proposes to initiate <i>Master Programme in Public Policy and Federalism</i>. (Academic Council of the University has approved the proposal in principle).</p> <p>(ii) Organizing <i>Summer University/ Competence Development Programme on Federal Governance and Accommodation of Identities</i> for international academia and stakeholders.</p>

		<p>(iii) Centre would undertake <i>interface studies on Science Policy, Environment Policy, Health Policy, Education Policy, and Disaster Management</i>. In these studies, centre would prefer capitalizing on the academic resources of the relevant departments of the University.</p> <p>(iv) Centre can initiate <i>specialized refresher courses</i> in the areas of federal studies and human rights.</p>
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EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	ISLAMIC STUDIES																						
2.	Year of establishment:	1989																						
3.	Is the Department part of a School/ Faculty of the university?	Yes, Faculty of Social Sciences and Humanities																						
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	IV. UG (B.A. [Honours] Islamic Studies) V. PG (M.A. Islamic Studies) VI. Ph.D. (Islamic Studies) VII. Part-time (Certificate Course in Persian Language) VIII. (Diploma in Persian Language)																						
5.	Interdisciplinary programmes and departments involved:	NA																						
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA																						
7.	Details of programmes discontinued, if any, with reasons:	No applications have been received for Part-time Certificate Course in Persian from 2014-15 and for Part-time Diploma in Persian from 2015-16 due to the following reasons: <ul style="list-style-type: none"> • High fees • Lack of permanent faculty for the courses • Lack of proper teaching aids 																						
8.	Examination System: Annual/ Semester/ Trimester/ Choice Based Credit System:	Semester/ Choice Based Credit System (Semester system is being followed since 2010-11 but a blueprint for CBCS has been approved by the Board of Studies and will soon be implemented.)																						
9.	Participation of the department in the courses offered by other departments:	<ul style="list-style-type: none"> • Ph.D. Course work in Faculty of Social Sciences and Humanities • Subsidiary and Foundation Course subjects of the BA (Hons.) and MA programmes are/ were taught by faculties from other departments. • Choice Based Credit System when implemented (Other Departments and Faculties of Jamia Hamdard) 																						
10.	Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Assistant Professors/ others):	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;"></th> <th style="width: 15%;">Sanctioned</th> <th style="width: 15%;">Filled</th> <th style="width: 40%;">Actual (including CAS & MPS)</th> </tr> </thead> <tbody> <tr> <td>Professor</td> <td style="text-align: center;">01</td> <td style="text-align: center;">2</td> <td style="text-align: center;">02</td> </tr> <tr> <td>Associate Professors</td> <td style="text-align: center;">04</td> <td style="text-align: center;">---</td> <td style="text-align: center;">---</td> </tr> <tr> <td>Assistant Professors</td> <td style="text-align: center;">05</td> <td style="text-align: center;">03</td> <td style="text-align: center;">03</td> </tr> <tr> <td>Others</td> <td style="text-align: center;">---</td> <td style="text-align: center;">---</td> <td style="text-align: center;">---</td> </tr> </tbody> </table>				Sanctioned	Filled	Actual (including CAS & MPS)	Professor	01	2	02	Associate Professors	04	---	---	Assistant Professors	05	03	03	Others	---	---	---
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Others	---	---	---																					

11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:						
		Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
		G.Y. Anjum	M.Phil., Ph.D.	Professor	Tasawwuf Arabic language Madrasa education Islamic religious sciences	26 years	Awarded [2] Submitted [3] Ongoing [7]
		I. Ahmad	M.Phil., Ph.D.	Professor	West Asian studies	24 years	Awarded [2] Submitted [3] Ongoing [3]
		A. Hussain	Ph.D.	Asstt. Prof. (in Sr. Scale)	Study of medical manuscripts	20 years	Submitted [2] Ongoing [1]
		S. Amir	Ph.D.	Assistant Professor	Islam in India	12 years	Ongoing [6]
		A.A. Andrabi	-do-	Assistant Professor	History of Muslim civilization (ancient & modern)	6 years	Ongoing [7]
							Total: 36
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	NIL					
13.	Percentage of classes taken by temporary faculty – programme-wise information:	Prog.	2011-12	2012-13	2013-14	2014-15	2015-16 (1 semester)
		B.A. (Hons.)	60%	50%	38%	58%	63%
		M.A.	0%	2%	7.5%	21%	27.5%
		Cert. Course in Persian	—	—	100%	—	—
		Dip. in Persian	—	—	—	100%	—
14.	Programme-wise Student Teacher Ratio:	Programme	2011-12	2012-13	2013-14	2014-15	2015-16
		B.A. (Hons.)	11:7 (only I Yr)	4.5:1 (I & II Yr)	6:1	8:1	8:1
		M.A.	4.3:1	4.2:1	4:1	4.6:1	5.6:1

15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation	Sanctioned	Filled/ actual
		Junior Assistant	01	01
		Attendant	01	01
		Helper	0	01
16.	Research thrust areas as recognized by major funding agencies:	i. Sufi Studies ii. West Asian Studies iii. Islam in India		
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: NIL			
18.	Inter-institutional collaborative projects and associated grants received:	(i) National collaboration (ii) International collaboration NIL		
19.	Departmental projects funded by DST-FIST; UGC-SAP/ CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	NIL		
20.	Research facility/ centre with: • state recognition • national recognition • international recognition	NIL		
21.	Special research laboratories sponsored/ created by industry or corporate bodies:	NA		
22.	Publications: (last 5 years):	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national/ international): 16 • Monographs: 01 • Chapters in Books: 07 • Edited Books: NIL • Books with ISBN with details of publishers (please provide detail of books such as authors/ editors, title, ISBN, year of publication, publishers): 03 Publications: <u>Papers Published in Peer Reviewed Journals</u> [2015] <ol style="list-style-type: none"> 1. G.Y. Anjum (2015). “Sheikhul Islam Mohd. Anwarullah Faruqi Bahaisiyat Dai-e Islam,” <i>Mahanama Batha</i>, April 2015, 28-35 2. G.Y. Anjum, Md. Uthman al-Dubaikhi (2015). “Bataqat al-I’timan al-Masrafiya,” <i>Majalla al-Hind</i>, West Bengal, 4 (1-2), 42-58; ISSN: 2321-7928 [2014] <ol style="list-style-type: none"> 3. G.Y. Anjum (2014). “Ahd-e Ghalib men Dilli ki Khanqahen,” <i>Urdu Nama</i>, Department of Urdu, Mumbai University, 2(2), 110-151; ISSN: 2320-4885 4. I. Ahmad (2014). “Hamis: Ideology and Strategy,” <i>Journal of Objective Studies</i>, 26 (1 & 2) 		

1-22; ISSN: 0971-3220

5. S. Amir (2014). “Western Critiques of Globalisation: An Analysis,” *Journal of Objective Studies*, 26 (1 & 2) 71-87; ISSN: 0971-3220
6. S. Amir (2014). “Negotiating Cultural Identity in Pre-independent India,” *Journal of the Henry Martyn Institute*, 33, 64-72; ISSN: 0970-4698
7. A.A. Andrabi (2014). “Indo-Turkish Relations: A Historical Overview and Analysis,” *Turkish Review*, 4(1), 12-23; ISSN: EBSCO1309964-7
8. A.A. Andrabi (2014). “Global Ethics for Solidarity and Harmony,” *Journal of Objective Studies*, 26 (1 & 2) 89-108; ISSN: 0971-3220

[2013]

9. G.Y. Anjum (2013). “Hazrat Imam Hasan Mujtaba (RA): Hayat wa Khidmaat,” *Salnama Ahl-e Sunnat ki Awaz* (Ahle Bait Athar Number), Marhera Distt. Etah, 20, 275-308.
10. S. Amir (2013). “India and the Muslim World,” *Journal of Objective Studies*, 25(1 &2), 37-58; ISSN: 0971-3220
11. A.A. Andrabi (2013). “Islam and Global Civilization,” *Journal of Objective Studies*, 25(1 &2), 97– 115; ISSN: 0971-3220
12. A.A. Andrabi (2013). “The Growth of Human Personality from the Islamic Perspective,” *Naveen Samajik Shodh*, 5(1), 80-93; ISSN: 0975-4431

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13. I. Ahmad (2012). “Peace and Justice: The Islamic Perspective,” *Journal of Objective Studies*, 24(1& 2), 1-16; ISSN: 0971-3220

[2011]

14. G.Y. Anjum (2011). “Al-Qisas fi al-Shariat-al Islamiya Mafhumahu wa Abaduhu,” *Al-Baas-el Islami*, Lucknow, 57(4), 42-47
15. S. Amir (2011). “Toward an Interfaith Encounter: The Islamic Perspective,” *Journal of the Henry Martyn Institute*, 30, 156-164; ISSN: 0970-4698
16. A.A. Andrabi (2011). “Democracy in Islamic Perspective: A Study of Muhammad Asad’s Views,” *Journal of Objective Studies*, 23(2), 51-68; ISSN: 0971-3220

Monographs

[2011]

1. G.Y. Anjum (English translation of Urdu book) (2011). *Khwaja Qutubuddin Bakhtiyar Kaki*. Idara Adabiyat, Delhi, 119.

Chapters in Books

[2014]

1. G.Y. Anjum (2014). “Peshlafz” in Hakim Mohd. Said ki Adabi Khidmat, Syed Shabbir Hasan, Majid Offset Press, Delhi, 8-11
2. G.Y. Anjum (2014). “Muqaddima” in *Tasawwuf awr Sufiya ki Tarikh*, Mohd. Hifzur Rahman, Educational Publication House, Delhi, 18-22
3. I. Ahmad (2014). “Islamic Interpretation of Secularism and its Link to Education” in

	<p><i>Education of Muslims</i>, J.S. Rajput (Editor), Shipra, Delhi, 254-275; ISBN: 978-81-7541-732-8</p> <p>[2013]</p> <ol style="list-style-type: none"> 4. G.Y. Anjum (2013). “Peshlafz” in <i>Azadi-e Hind awr Tahrik-e Khilafat</i>, Munawwar Hasan Kamal, M.R. Publishers, New Delhi, 13-16 5. G.Y. Anjum (2013). “Zawq ki Qasida Nigari par Arabi Zaban ke Asarat” in <i>Arabi wa Urdu ke Lisani wa Adabi Rawabit</i>, Sahib Ali, Department of Arabic, Mumbai University, Mumbai, 40-60 <p>[2012]</p> <ol style="list-style-type: none"> 6. S. Amir (2012). “The Ethical Bases of Human Rights with Special reference to Islamic Doctrine” in <i>Human Rights in the New Millennium</i>, S. M. Begum (Editor), APH Publishing, New Delhi, 263-270; ISBN: 978-81-313-1440-1 <p>[2011]</p> <ol style="list-style-type: none"> 7. G.Y. Anjum. (2011). “Maulana Qamruzzam Azmi: Paykar-e Khulus-o Wafa” in <i>Tajalliyat-e Qamar</i>, Md. Said Nuri, Raza Academy Mumbai, 308-312 <p><u>Authored Books</u></p> <p>[2015]</p> <ol style="list-style-type: none"> 1. G.Y. Anjum (2015). <i>Qutbul Hind Saifuddin Abdul Wahhab Jilani</i> (Hindi Edition). Qutub Khana Amjadia, Delhi, 376; ISBN: 93-89807-80-8 2. G.Y. Anjum (2015). <i>Tazkirah Khanwadah Aleemiyah</i>. Qutub Khana Amjadia, Delhi, 232; ISBN: 93-89807-80 <p>[2012]</p> <ol style="list-style-type: none"> 3. A. Hussain (2012) (co-authored with Ashhar Qadir & Md. Mazharul Haq). <i>Mashhur Muarrikh Qasim Farishta ki Muntakhab Ayurvedic Dawaen</i>. Applied Books, New Delhi, 123; ISBN: 13978-81-924203-3-3 <ul style="list-style-type: none"> • Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): NIL <ul style="list-style-type: none"> ▪ Citation Index – range/ average ▪ SNIP ▪ SJR ▪ Impact Factor – range/ average ▪ h-index <p style="text-align: right;">NA</p>
23.	Details of patents and income generated: NA
24.	Areas of consultancy and income generated: NA
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad: NIL
26.	<p>Faculty serving in:</p> <p>(v) National committees:</p> <p>Prof. G.Y. Anjum</p> <ul style="list-style-type: none"> • Member, Pre-Scrutiny Committee for Presidential Awards for Arabic Language, 2014 & 2015. <p>(vi) International committees: NIL</p> <p>(vii) Editorial Boards of journals:</p> <p>Prof. G.Y. Anjum, Member, Editorial Board:</p>

	<ol style="list-style-type: none"> 1. Quarterly <i>Ziya-i Tahqiq</i>, Department of Islamic and Arabic Studies, University Faisalabad 2. Monthly <i>Al-Masud</i>, Bahraich Sharif 3. Bi-annual <i>Tarjuman Ahl-e Sunnat</i>, Pilibhit 4. Monthly <i>Faizan-e Ashfaq</i>, Nagaur, Rajasthan 5. Quarterly <i>Tabligh-e Sirat</i>, Kolkata 6. Monthly <i>Payam-e Haram</i>, Basti <p>Prof. I. Ahmad</p> <ol style="list-style-type: none"> 1. Editor, <i>Journal of Objective Studies</i>, New Delhi, since 2000 (viii) any other (please specify) <p>Dr. A.A. Andrabi</p> <ol style="list-style-type: none"> 1. Member of CPSI (International Centre for Peace and Spirituality), New Delhi from 2004 till date. 2. Member of Islamandpeace.org 																											
<p>27.</p>	<p>Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):</p> <table border="1" data-bbox="326 716 1505 1818"> <thead> <tr> <th data-bbox="326 716 610 785">Name of faculty member</th> <th data-bbox="610 716 898 785">Title of programme</th> <th data-bbox="898 716 1182 785">Institution where attended</th> <th data-bbox="1182 716 1505 785">Duration (dates)</th> </tr> </thead> <tbody> <tr> <td data-bbox="326 785 610 1125" rowspan="3">Dr. S. Amir</td> <td data-bbox="610 785 898 919">National Workshop on Research Methodology in Social Sciences</td> <td data-bbox="898 785 1182 919">Jawaharlal Nehru University, New Delhi</td> <td data-bbox="1182 785 1505 919">1 week (12-16 October 2015)</td> </tr> <tr> <td data-bbox="610 919 898 1024">Orientation Programme</td> <td data-bbox="898 919 1182 1024">CPDHE/ UGC-HRDC, Delhi University</td> <td data-bbox="1182 919 1505 1024">4 weeks (25 May-20 June 2015)</td> </tr> <tr> <td data-bbox="610 1024 898 1125">Refresher Course in Women's Studies (ID)</td> <td data-bbox="898 1024 1182 1125">CPDHE, Delhi University</td> <td data-bbox="1182 1024 1505 1125">3 weeks (24 Nov.-13 Dec. 2014)</td> </tr> <tr> <td data-bbox="326 1125 610 1818" rowspan="4">Dr. A.A. Andrabi</td> <td data-bbox="610 1125 898 1329">Personality Development Programme: Towards a Culture of Peace and Reconciliation</td> <td data-bbox="898 1125 1182 1329">Ramanujan College, Delhi University</td> <td data-bbox="1182 1125 1505 1329">16 days (On all Saturdays from January to April 2014)</td> </tr> <tr> <td data-bbox="610 1329 898 1482">UGC Capacity Building of Women Managers in Higher Education Workshop</td> <td data-bbox="898 1329 1182 1482">Jamia Millia Islamia, New Delhi</td> <td data-bbox="1182 1329 1505 1482">5 days (24-28 April 2012)</td> </tr> <tr> <td data-bbox="610 1482 898 1719">National Workshop on Effective Teaching-Learning and Assessment Strategies in Educational Methodology</td> <td data-bbox="898 1482 1182 1719">Jamia Hamdard, New Delhi</td> <td data-bbox="1182 1482 1505 1719">3 days (27-29 February 2012)</td> </tr> <tr> <td data-bbox="610 1719 898 1818">UGC Workshop on Human Rights and Ethics Education</td> <td data-bbox="898 1719 1182 1818">Jamia Millia Islamia, New Delhi</td> <td data-bbox="1182 1719 1505 1818">8 days (18-25 January 2012)</td> </tr> </tbody> </table>	Name of faculty member	Title of programme	Institution where attended	Duration (dates)	Dr. S. Amir	National Workshop on Research Methodology in Social Sciences	Jawaharlal Nehru University, New Delhi	1 week (12-16 October 2015)	Orientation Programme	CPDHE/ UGC-HRDC, Delhi University	4 weeks (25 May-20 June 2015)	Refresher Course in Women's Studies (ID)	CPDHE, Delhi University	3 weeks (24 Nov.-13 Dec. 2014)	Dr. A.A. Andrabi	Personality Development Programme: Towards a Culture of Peace and Reconciliation	Ramanujan College, Delhi University	16 days (On all Saturdays from January to April 2014)	UGC Capacity Building of Women Managers in Higher Education Workshop	Jamia Millia Islamia, New Delhi	5 days (24-28 April 2012)	National Workshop on Effective Teaching-Learning and Assessment Strategies in Educational Methodology	Jamia Hamdard, New Delhi	3 days (27-29 February 2012)	UGC Workshop on Human Rights and Ethics Education	Jamia Millia Islamia, New Delhi	8 days (18-25 January 2012)
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<p>28.</p>	<p>Student projects:</p> <ul style="list-style-type: none"> • percentage of students who have done in-house projects including inter-departmental projects: NIL 																											

		<ul style="list-style-type: none"> percentage of students who have done projects in other Universities/ Institutions: NIL 																																								
29.	Awards/ recognitions received at the national and international level by:	<p>Faculty Prof. G.Y. Anjum</p> <ul style="list-style-type: none"> Fatima Zahra Award, Delhi, 2014 Aala Hazrat Talimi Award, Matiaburj, Kolkata, 2012 Urdu Academy Award, 2011 <p>Students</p> <ul style="list-style-type: none"> One research fellow was awarded a travel grant to attend a research workshop in Germany in August 2013. 3 research fellows were awarded a travel grant to attend a research workshop in Netherlands in October 2012. 																																								
30.	Seminars/ Conferences/ Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:																																									
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31.	Code of ethics for research followed by the departments:	Guidelines for Ethical Conduct of Research and Publication (Code of Academic Conduct), Jamia Hamdard																																								
32.	Student profile programme-wise:																																									

Name of the Programme (refer to question/ point no. 4)	Applications received	Selected/ Admitted		Pass percentage/ Ph.D. Awarded	
		Male	Female	Male	Female
2011 B.A. (H)		07	08	N.A.	N.A.
M.A.		14	01	100%	100%
Ph.D.		02	0	02	0
2012 B.A. (H)		09	08	100%	100%
M.A.		11	04	100%	100%
Ph.D.		06	0	0	0
2013 B.A. (H)		02	07	100%	100%
M.A.		06	02	90%	100%
Ph.D.		03	01	0	0
Cert. Course in Persian		11	08	N.A.	N.A.
Diploma in Persian		0	0	N.A.	N.A.
2014 B.A. (H)		06	11	100%	100%
M.A.		09	06	100%	100%
Ph.D.		02	0	0	01
Cert. Course in Persian		0	0	100%	100%
Diploma in Persian		06	05	N.A.	N.A.
2015 B.A. (H)		04	12	100%	100%
M.A.		08	05	100%	100%
Ph.D.		01	01	01	01
Cert. Course in Persian		0	0	N.A.	N.A.
Diploma in Persian		0	0	100%	100%

33. Diversity of students:

Name of the Programme (refer to question/point no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
2011 B.A. (H)	N.A.	10%	90%	0
M.A.	N.A.	0	100%	0
Ph.D.	0	50%	0	50%
2012 B.A. (H)	N.A.	23.5%	53%	23.5%
M.A.	N.A.	6.7%	86.6%	6.7%
Ph.D.	100%	0	0	0
2013 B.A. (H)	N.A.	11.1%	66.7%	22.2%
M.A.	N.A.	0	100%	0
Ph.D.	75%	25%	0	0
Certificate Course in Persian	100%	0	0	0
Diploma in Persian	0	0	0	0
2014 B.A. (H)	N.A.	5.9%	47.1%	47%
M.A.	26.7%	13.3%	60%	0
Ph.D.	50%	50%	0	0
Certificate Course in Persian	0	0	0	0
Diploma in Persian	100%	0	0	0
2015 B.A. (H)	N.A.	37.5%	43.7%	18.8%

		M.A.	7.7%	23%	61.6%	7.7%	
		Ph.D.	50%	50%	0	0	
		Certificate Course in Persian	0	0	0	0	
		Diploma in Persian	0	0	0	0	
34.	How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:	Examination	2015	2014	2013	2012	2011
		UGC-JRF	01	01	03	09	05
		UGC-NET	02	02	02	02	01
35.	Student progression:	Student progression	Percentage against enrolled				
			2011	2012	2013	2014	2015
		UG to PG	N.A.	N.A.	N.A.	40%	5.9%
		PG to M.Phil.	N.A.	N.A.	N.A.	N.A.	N.A.
		PG to Ph.D.	0	38%	33.3%	6.7%	12.5%
		Ph.D. to Post-Doctoral	N.A.	N.A.	N.A.	N.A.	N.A.
		Employed					
		• Campus selection	None	None	None	None	None
		• Other than campus recruitment	N.A.	N.A.	N.A.	N.A.	N.A.
		Entrepreneurs	N.A.	N.A.	N.A.	N.A.	N.A.
36.	Diversity of staff:	Percentage of faculty who are graduates					
		of the same university				0	
		from other universities within the State				20%	
		from universities from other States				80%	
		from universities outside the country				0	
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	None					
38.	Present details of departmental infrastructural facilities with regard to:	(i) Library: Well-stocked Seminar Library with 4,200 books					
		(ii) Internet facilities for staff and students: The Department is Wi-Fi enabled since 2014.					
		(iii) Total number of class rooms: 5					
		(iv) Class rooms with ICT facility: NIL					
		(v) Students' laboratories: NIL					
		(vi) Research laboratories: N.A.					
39.	List of doctoral, post-doctoral students and Research Associates:	(i) Doctoral students from the host university					
		<u>Awarded (2015)</u>				Supervisor	
		1. Md. Ahmad Naeemi				Prof. G.Y. Anjum	
		<u>Awarded (2014)</u>					
		1. Laella Md. M. Majdobi				Prof. G.Y. Anjum	
		<u>Awarded (2011)</u>					
		1. Saeed T.V.				Prof. I. Ahmad	
		2. Mansour N. Jabarah				Prof. I. Ahmad	
		<u>Submitted (2016)</u>					

		<p>1. Shazia Rashid <u>Submitted</u> (2015)</p> <p>1. Md. Salem Mazyad Al-Rajaan 2. Ghulam Abdul Qadir <u>Submitted</u> (2014)</p> <p>1. Ms. Najmus Sahar 2. Mohd. Haris K.T. 3. Anwar Sadath K.T. 4. Jafar V. K. 5. Hussain Tadaion</p> <p><u>Ongoing</u></p> <p>Prof. G.Y. Anjum</p> <p>1. Abdul Aziz A. Naseer Al-Ibrahim 2. Mohd. O.B. Al-Dubaikhi 3. Mohd. Zafruddin 4. Amjad Iqbal 5. Hamid Ghalandri Pamazari 6. Nazeer Ahmad 7. Junaid Ahmad</p> <p>Prof. I. Ahmad</p> <p>8. Mohammadullah 9. Hilaludheen K. 10. Mohammed Ajmal M.</p> <p>Dr. A. Hussain</p> <p>11. Mohd. Ziaul Bashar</p> <p>Dr. S. Amir</p> <p>12. Irshad Alam 13. Thanveer T. 14. Zahoor Ahmad Wani 15. Anas Mansoor M.I. 16. Md. Kifayatullah 17. Sabah Bin Muhammed P.M.</p> <p>Dr. A.A. Andrabi</p> <p>18. Nagma Siddiqui 19. Abdu Sadik K 20. Safeer K.A. 21. Maria Khan 22. Niyas Ali Thangal 23. Tazeem Haider 24. Sufia Khan</p> <p>Total: 36</p> <p>(ii) Doctoral students from other institutions/ universities: NIL</p>	<p>Dr. A. Hussain</p> <p>Prof. G.Y. Anjum Prof. G.Y. Anjum</p> <p>Prof. G.Y. Anjum Prof. I. Ahmad Prof. I. Ahmad Prof. I. Ahmad Dr. A. Hussain</p>
40.	Number of post graduate students getting financial assistance from the university:	30 (06 per year)	
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so,	Diploma and Certificate Courses in Persian Language were developed and initiated after due consultation with experts in the field and consular officers in the Iran Culture House. The need and employment potential of these courses was affirmed by all these	

	highlight the methodology:	experts.				
42.	Does the department obtain feedback from:	Yes, such feedback is taken regularly and communicated to the concerned stakeholders for necessary action and improvement.				
43.	List the distinguished alumni of the department (maximum 10):	S. No.	Name	Course	Batch/ Ph.D.	Present position and affiliation
		1.	Dr. Najmus Sahar	Ph.D.	2015	Assistant Professor, Department of Islamic Studies, Jamia Millia Islamia
		2.	Dr. Md. Ahmad Naeemi	Ph.D.	2015	Assistant Professor, Department of Islamic Studies, Jamia Hamdard
		3.	Dr. Saeed T.V.	Ph. D.	2011	Head, Department of Islamic Studies, Yobe State University, Damaturu, Nigeria
		4.	Dr. Laiquillah Khan	Ph.D.	2008	Head of Urdu Department under Foreign Languages, Radio Jeddah
		5.	Dr. Haleema Sadia	Ph.D.	2006	Principal, Primary Branch, Hamdard Public School, New Delhi
		6.	Dr. Wasim Ahmad	Ph.D.	2000	Head, Department of Islamic Studies, Preston University, Ajman, UAE
		7.	Mr. Khalid Makki	M.A.	2007-09	Second Secretary, Saudi Embassy, New Delhi
		8.	Mr. Salem Umar Bashehab	M.A.	2005-07	Foreign Service of Kingdom of Saudi Arabia
		9.	Dr. Riad KamelAbbas	M.A.	2003-05	Ambassador of the Syrian Arab Republic in India
		10.	Mr. Shihab A.M.	M.A.	2006-08	Asstt. Prof., MES Kalladi College, Mannarkkad, Calicut University
44.	Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts:	Value Education Lecture Series				
		S. No.	Date	Speaker	Topic	
		1.	04.02.14	Prof. Anwar Alam, Dept. of Int. Relations, Zirve Univ., Gazi Antep, Turkey	Contribution of Hizmet Movement to Education, Development and Social Harmony	

		2.	30.04.13	Prof. Amina Wadud, (formerly Prof. of Rel. & Philo., Virginia Commonwealth Univ., USA)	Reformist Islamic Thoughts
		3.	15.03.12	Mawlana Qamaruzzaman Azmi, Secy. Gen., World Islamic Mission, UK	Education and Personality Development in an Islamic Perspective
		4.	04.02.12	Prof. Md. Hashim Qureshi	Muslims and the Idea of India
		5.	15.12.11	Prof. Nejatullah Siddiqi	Kerala High Court Judgment on Islamic Banking in India
		6.	03.12.11	Dr. Syed Zafar Mahmud, Chairman, Iqbal Academy, India	Understanding Iqbal in an Islamic Perspective
45.	List the teaching methods adopted by the faculty for different programmes:	Board/ Chalk LCD Projection Seminar Presentation Handouts Sharing links for online resources Discussions			
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?	Through regular internal and external assessment and evaluation based on examinations, tests, assignments, presentations by students etc. Performance monitoring of UGC-NET/ JRF NET mentoring and career planning counseling			
47.	Highlight the participation of students and faculty in extension activities.	Students and faculty actively participated in the Swachh Bharat Abhiyan and other initiatives undertaken by the university.			
48.	Give details of “beyond syllabus scholarly activities” of the department.	All students participate in ‘Farozan,’ the departmental, monthly students’ seminar and in departmental debates and group discussions. Research scholars participate in conferences hosted by the department and other universities.			
49.	State whether the programme/ department is accredited/graded by other agencies? If yes, give details:	No			
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied:	Prof. Ishtiyaque Ahmad has authored course material for two units and Dr. Safia Amir for one unit of the M.A. Islamic Studies programme of Maulana Azad National Urdu University, Hyderabad.			
51.	Detail five major Strengths,	S.	Strengths	Weaknesse	Opportuniti
					Challenges

	Weaknesses, Opportunities and Challenges (SWOC) of the department:	No.		s	es	
		1.	Experienced, well-qualified and dedicated faculty	Insufficient faculty strength	To set up a Centre for Sufi Studies	To attract capable students in spite of high fees and lack of scholarships, hostel facilities and reasonably priced food.
		2.	Well-stocked seminar library	Lack of computer laboratory	To set up a Centre for Minority Issues	To improve existing infrastructure
		3.	Internet and Wi-Fi connectivity	Lack of ICT-enabled classrooms	To set up a Centre for the Study of Languages	To improve standards in teaching and research
		4.	Extensive co-curricular activities	—	To set up a Centre for Islamic Law	—
		5.	Successful integration of madrasa students into university system	—	—	—
52.	Future plans of the department:	<ul style="list-style-type: none"> • To set up a Centre for the Study of Languages, which has already been approved by the concerned authorities • To start a PG Diploma in Manuscriptology • To start publication of a bilingual, annual research journal of the department in English and Urdu 				

School of Engineering Sciences and Technology

(Formerly Faculty of Engineering & Technology)

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	COMPUTER SCIENCE AND ENGINEERING			
2.	Year of establishment:	1997			
3.	Is the Department part of a School/Faculty of the university?	Yes, Faculty of Engineering and Technology (FET)			
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	IX. UG Courses : B.Tech (CSE) B.Tech. (ECE) BCA X. PG Courses : M.Tech (ISCF) M.Tech (CSE) M.Tech (CSE) Part time MCA XI. Ph. D. Courses : Ph.D. in Computer Science Ph.D. in Computer Science and Engineering			
5.	Interdisciplinary programmes and departments involved:	The department is involved in the joint teaching and research with other departments.			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA			
7.	Details of programmes discontinued, if any, with reasons:	M.Sc.(CS) : Discontinued (because of the fall of market for job-seekers with Science degree). B.Tech.(IT) : Merged with B.Tech(CSE), as requested by our students supported by the document of Washington Accord. M.Tech.(BI) : Discontinued (because of the fall of market for job-seekers in India)			
8.	Examination System: Annual/Semester/Trimester/ Choice Based Credit System:	Semester/Choice Based Credit System (CBCS)			
9.	Participation of the department in the courses offered by other departments:	Computer Science and IT have common courses in the curriculum of UG/PG programmes of various departments. In Jamia Hamdard, our faculty FET takes classes in many other departments namely :Botany, Biochemistry, Federal Studies, Pharmacy, Nursing, and Toxicology, Unani, and Medical College (HIMSR) in various UG/PG programmes of them.			
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)
		Professor	3	03	03
		Associate Professors	3	---	
		Assistant Professors	18	40	40
		Others	---	04	04

11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 5 years
	Prof. Moin Uddin	Ph.D	Professor & Dean	Robotics, Sensor Networks, Communication Networks	38+	Ongoing : 2 Submitted : 2 Awarded : 6
	Prof. Ranjit Biswas	M.Tech., Ph.D.	Professor & Head	Soft Computing, Big Data, NR-Statistics, Discrete Mathematics	34+	Ongoing : 4 Submitted : 0 Awarded : 0
	Prof. M. Afshar Alam	MCA, Ph.D	Professor	Soft Computing, Advanced Computer Networks, Software Engineering, Cloud Computing	20	Ongoing : 2 Submitted : 5 Awarded : 7
	Dr. Farheen Siddique	MCA, Ph.D	Assistant Professor (Stage2)	Ontology	13+	Nil
	Dr. SameenaNaaz	Ph. D.	Assistant Professor (Stage2)	Distributed Systems, Load Balancing, Cloud Computing, Soft Computing,	15+ years	Nil
	Dr Parul Agarwal	MCA, Ph.D	Assistant Professor (Stage2)	Fuzzy Data Mining, Big Data	13+	Nil
	Mr. Ihtiram Raza Khan	M.Tech, Ph.D (Thesis submitted),	Assistant Professor	Software Engineering, Neural Networks, DBMS	19	Nil
	Mr. Jawed Ahmed	M.Tech, Ph.D (Pursuing),	Assistant Professor	Algorithms, Bioinformatics	08	Nil
Dr. Harleen Kaur	Ph.D.	Assistant Professor (Stage2)	Information Analytics, Intelligent Systems	10 year	Ongoing : 3 Submitted : 0 Awarded : 2	

Dr. Syed Imteyaz Hasan	MCA, Ph.D	Assistant Professor (Stage2)	Software Engineering, Machine Learning, Smart technology	12	Nil
Ms. Shabina Ghafir	M.Tech, Ph.D (Pursuing),	Assistant Professor	Software Engineering	7+	Nil
Mr. Bhavya Alankar	M.Tech, Ph.D (Pursuing),	Assistant Professor	VLSI Design	9+	Nil
Mr. Saafdar Tanweer	M.Tech., (Ph.D. Pursuing)	Assistant Professor	Electronics and Communication	8+	Nil
Mr. Mohd. Abdul Ahad	M.Tech, Ph.D (Pursuing),	Assistant Professor	Big Data	7+	Nil
Mrs. Suraiya Parveen	M. Tech, Ph. D (Pursuing),	Assistant Professor	Information Technology	7+	Nil
Md Tabrez Nafis	M.Tech, Ph.D (Pursuing),	Assistant Professor	Data Mining, Big Data)	7+	Nil
Dr Vinita Kumari	Ph.D	Assistant Professor	Electronics Science/ Bio Electronics	6 years	Nil
Ms. Richa Gupta	M.Tech, (Ph.D. Prsuing)	Assistant Professor	Bioinformatics , Cloud Computing, Mining	8	Nil
Mr. Zeeshan Ali Haq	M. Tech,	Assistant Professor	Wireless Communication	3 Months	Nil
Ms. Neha	M. Tech	Assistant Professor	Communication, Information technology	06 Months	Nil
Dr. Shailendra Kumar Singh	Ph. D	Assistant Professor			
Mr. Syed Shahabuddin Ashraf	M.Sc, NET, Ph.D (Pursuing), DILL	Assistant Professor	Bio-Electronics	7 years	Nil
Mr. Nafisur Rahman	M. Tech (CSE)	Assistant Professor	Operating System, Software Engineering	1years	Nil
Mr. Harsh Bhasin	M. Tech, NET	Assistant Professor	Artificial Intelligence, Genetic	3.5 years	Nil

			Algorithms, Algorithms, Theory of Computation		
Mrs. Karuna Yogesh Sunami	M. Tech	Assistant Professor	Computer Networks	1.5 years	Nil
Mr. Shah Imran Alam	M. Tech, Perusing Ph. D	Assistant Professor	Object Oriented Software Engineering	9.5 years	
Dr. Amit Bhooshan Singh	Ph.D (Maths)	Assistant Professor	Ring Theory	3 years	Nil
Mr. Tabrej Ahmad Khan	B. Tech, M. Tech.	Lecturer	Information Security, Algorithm, Discrete Mathematics	5 months	Nil
Samar Wazir	M. Tech. (Ph.D. Pursuing)	Assistant Professor	Data Mining	5 years	Nil
Ms Durgesh	M.A.in English, Qualified N.E.T., B.ed	Lecturer	English literature and communicatio ns skills	1.5 years	Nil
Mr. Aqeel Khalique	M. Tech. (CSE)	Assistant Professor	Cryptography, Information security	1.5 years	Nil
Dr. Sherin Zafar	PhD	Assistant Professor	Genetic algorithms, MANET, Image Processing DBMS etc	8+ years	Nil
Dr. Jyotsana Grover	Ph.D., M. Tech,	Assistant Professor	Biometrics	3 years	Nil
Dr. Siddhartha Sankar Biswas	M. Tech.(CE), MBA, Ph.D. (CE)	Assistant Professor	Soft Computing , Fuzzy Theory , Network Theory, Algorithms.	6 Years and 11Months	Nil
Miss. Gautami Tripathi	M. Tech.	Assistant Professor	Semantic Analysis	4.5 years	Nil
Mr. Shariq Murtuza	M. Tech	Assistant Professor	Information Security	5 Months	Nil
Miss. Pooja Gupta	M. Tech.	Assistant Professor	Computer Science and Engineering	4 months	Nil
Mr. Gaurav	B.Tech,	Assistant	Software	4.5 years	Nil

		M.Tech, NET Qualified	Professor	Engineering		
	Mr. Piyush Kumar Gupta	M. Tech.	Assistant Professor	Software Engineering	1.4 years	Nil
	Mr. Syed Ali Mehdi	M. Tech	Assistant Professor	Artificial Intelligence	5 months	Nil
	Mr. Syed Sibtain Khalid	M. Tech.	Assistant Professor	Electronics and Communicatio n	2 years	Nil
	Mr. NavedAlam	M. Tech	Assistant Professor	Signal Processing and Digital Design	7 years	Nil
	Mr. Anil Kumar Mahto	M. Tech	Assistant Professor	Information Technology	3.5 years	Nil
	Miss. Maria Afzal	B.Tech(ECE), M.Tech.(Pursu ing)	Lecturer (ECE)	Electronics	3 years	Nil
	Miss. Nida Iftekhar	M. Tech.	Assistant Professor	Software Engineering	5 months	Nil
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	NIL.				
13.	Percentage of classes taken by temporary faculty – programme-wise information:	B. Tech: 4% M. Tech: 0% MCA: 3%				
14.	Programme-wise Student Teacher Ratio:	Programme	Student - teacher ratio (approx. in average)			
		M.Tech (CSE)	18: 1			
		M.Tech (ISCF)	18: 1			
		M.Tech (CSE) Part Time	18: 1			
		MCA	18 : 1			
		B.Tech (CSE)	18 : 1			
		B.Tech (ECE)	18 : 1			
		BCA	18 : 1			
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation	Sanctioned	Filled/actual		
		Workshop Instructor	1	1		
		Technical Assistant	2	2		
		Jr. Assistant	1	1		
		Office Assistant	0	0		
16.	Research thrust areas as recognized by major funding agencies:	Big Data, Soft Computing, Data Mining, Data Structures, Algorithms, Genetic Algorithms, Network Security, Bioinformatics, Robotics, MANET, Ontology, Fuzzy Logic, Operating System, Object Oriented Software Design, Cloud Computing, Distributed Systems, Sensor Networks, Cognitive Radio, Discrete Mathematics,				

	Graph Theory.		
17.	Number of faculty with ongoing projects from : a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:		
	Name of the faculty	Title of the Ongoing project	National/International funding agencies
	Dr. Harleen Kaur	Information and Communication Technologies for Economic Development. Special focus on Intelligent Knowledge Grid Information Retrieval and Diffusion.	DST, India and Ministry of Polish, Poland
	Dr. Seeja K. R.	Solving the Travelling Salesman Problem with Sparse Graphs	UGC, New Delhi
	Grant received (Rs.)	10.78,000/-	12,05,800/-
18.	Inter-institutional collaborative projects and associated grants received:	(i) National collaboration : One Project: Rs. 12, 05, 800/- (ii) International collaboration : One Project: Rs. 10, 78,000/-	
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	Funding agency	Project title, if any
		Nil	Nil
		Grant received (Rs.)	Nil
20.	Research facility/centre with:	Research Facilities are excellent. One major facility is that we have Medical College, Pharmacy, Nursing colleges etc. in the same campus which provide us even real life data for many researchers of Computer Engineering/Electronics. Research Centre being considered for Future Endeavors.	
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	Nil	

22.	Publications: (last 5 years only):	
<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international):132 • Monographs: 1 • Chapters in Books:9 • Edited Books: 0 • Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers): 6 <p><u>Publications:</u></p> <p>Publications:</p> <p>BOOKS:</p> <ol style="list-style-type: none"> 1. Biswas, R. (2015). “Is ‘Fuzzy Theory’ An Appropriate Tool For Large Size Problems?”, Springer. Heidelberg, ISBN:978-3-319-26717-3. 2. Kaur, H. and Tao Xiaohui (2015), “ ICT and Millennium Development Goals: A United Nations perspective” ,Springer, US. ISBN: 978-1-4899-7439-6. 3. Bhasin, H. (2015), “Algorithms, Oxford University Press”, Delhi, ISBN: 0199456666. 4. Bhasin, H. (2014), “Programming in C#”, Oxford University Press, Delhi, ISBN: 0198097409. 5. Kaur H, Alam A, Yaeghoobi Kaebah, Edabati O.M. (2012), “Micro-Firewalls for Dynamic Network Security Framework – A Secure Hybrid Architecture”, Lambert Academic Publishing, Germany, ISBN: 978-3-659-24930-3. 6. Ashish Dixit, Ratnesh Kumar, Bhavya Alankar, “Digital Electronics GATE” ,Techguru Publishers, ISSN/ ISBN: 978-1-928658-2-0. <p>PAPERS:</p> <p>2015</p> <ol style="list-style-type: none"> 1. Moin,U. , Pahuja R, “Implementation of greenhouse climate control simulator based on dynamic model and vapor pressure deficit controller”, Engineering in Agriculture, Environment and Food , 2015, Vol. 8, pp. 273-288, ISSN : 1881-8388. 2. Moin, U, Nagla, K., and Singh, D., Dedicated filter for robust Occupancy Grid Mapping, International Journal of Robotic and Automation, 2015,Vol. 4, No. 1, pp. 82-92, ISSN: 2089-4856. 3. Biswas, R., “THEORY OF CESFM: A Proposal to FIFA & IFAB for a new ‘Continuous Evaluation Fuzzy Method’ of Deciding the WINNER of a Football Match that Would Have Otherwise been Drawn or Tied after 90 Minutes of Play”, The Journal of Fuzzy Mathematics, 2015, Vol. 23, No. 4, pp. 991 – 1008, ISSN: 1066-8950. 4. Biswas, R., “Theory of Numbers” of a Complete Region”, Notes on Number Theory and Discrete Mathematics, 2015, Vol. 21, No. 3, pp. 1 – 21, ISSN: 1310-5132. 5. Biswas, R., Aggarwal P. “A New Approach for Clustering Categorical Attributes”, IJCSIS, 2015, Vol. 9, No. 1. 6. Bhasin, H. et. al., “On the Applicability of Diploid Genetic Algorithms in Dynamic Environments”, Soft Computing, Springer, 2015, pp. 1-8, ISSN: 1432-7643 (Print) 1433-7479 (Online First) (SCI EXPANDED, IF: 1.27). 7. Bhasin, H.,Sushant Mehta “On the Applicability of Diploid Genetic Algorithms” , AI and Society, Springer-Verlag London, 2015, pp. 1-10, ISSN: 0951-5666 (Print) 1435-5655 (Online First). 8. Shrivastatva, G., Agarwal, P., “A Variable Quantum Scheduling Algorithm”, International Journal of Innovations & Advancement in Computer Science (IJIACS), , Vol. 4, Special Issue 		

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<p>Citation and H-index (calculations for 2011-onwards only) :</p> <p>1. Prof. Moin Uddin Citations: 192, h-index: 8 2. Prof. Ranjit Biswas Citations: 4253, h-index: 20 3. Prof. Afshar Alam Citations: 350, h-index: 8 4. Dr. Harleen Kaur Citations: 300, h-index: 7 5. Mr. Harsh Bhasin Citations: 179, h-index: 8 6. Dr. Parul Agarwal Citations: 28, h-index: 2 7. Dr. Vinita Kumari Citations: h-index: 8. Dr. Sameena Naaz Citations: 19, h-index: 2 9. Mrs. Shabina Ghafir Citations: 12, h-index: 2 10. Dr. Siddhartha Sankar Biswas Citations: 22, h-index: 2 11. Dr. Jyotsana Grover Citations: 96, h-index: 5</p>				
<p>23. Details of patents and income generated:</p>	<p>S. No.</p>	<p>Name of the Proposed Invention</p>	<p>Patent Number</p>	<p>Name of the inventor</p>
	<p>1.</p>	<p>An Intelligent Leg exercise machine</p>	<p>227/DL/2007</p>	<p>Professor Moin Uddin et. al.</p>
	<p>2.</p>	<p>A method and Mechanism to control the position and orientation of cleaning nozzle of Robot</p>	<p>2489/DEL/2009</p>	<p>Moin Uddin et. al.</p>
	<p>3.</p>	<p>Colored Petri Net for modeling and simulation of IPV6 Network</p>		<p>Professor Moin Uddin et. al.</p>
<p>24. Areas of consultancy and income generated:</p>	<p>NA</p>			
<p>25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad:</p>	<p>1. Dr. Harleen Kaur: Visited to United Nations University (UNU), International Institute for Global health (IIGH), Malaysia from 2011-2012 as Research Fellow</p>			

<p>26.</p>	<p>Faculty serving in:</p> <p>(ix) National committees:- Professor Moin Uddin: <ul style="list-style-type: none"> ○ Chairman of NAAC expert team ○ Member of UGC committee ○ Chairman of NBA Expert team </p> <p>(x) International committees : Nil</p> <p>(xi) <u>Editorial Boards of journals</u></p> <ol style="list-style-type: none"> 1. Prof. Ranjit Biswas: INFORMATION-An International Interdisciplinary Journal, An SCI-Expanded indexed, JCR (Thomson Reuters) indexed journal, published from Japan,http://www.information-iii.org/editorial_board.html 2. Prof. Ranjit Biswas:Information Security Journal: A Global Perspective. A journal indexed by ACM Guide, CSA Technology, published from Brazil. http://www.tandfonline.com/action/journalInformation?show=editorialBoard&journalCode=uiiss20#.VpUVovl97IU 3. Prof. Ranjit Biswas: Notes on Intuitionistic Fuzzy Sets (published from Sofia). http://www.ifigenia.org/wiki/Notes_on_Intuitionistic_Fuzzy_Sets#Editorial_board 4. Harsh Bhasin: Editor of special Issue on Applicability of Soft Computing in NP hard problems of the Journal of Computer Sciences and Applications, 2015, ISSN(Online):2328-725X, DOI:10.12691. 5. Harsh Bhasin: Reviewer: ACM Computing Survey, SCI indexed. 6. Parul Agarwal:Co-Editor of special Issue on Applicability of Soft Computing in NP hard problems of the Journal of Computer Sciences and Applications, 2015, ISSN(Online):2328-725X, DOI:10.12691. 7. Parul Agarwal: Reviewer of Journal of Information Technology Education: Research. ISSN: online 1539-3585: 8. Parul Agarwal: Member of International Association of Computer Science and Information Technology, Singapore., Life Member of Indian Society of Technical Education. 9. Parul Agarwal: Co-Editor of special Issue on Applicability of Soft Computing in NP hard problems of the Journal of Computer Sciences and Applications, 2015, ISSN(Online):2328-725X, DOI:10.12691. 10: Parul Agarwal: Member, Technical Committee of IEEE Sponsored ICRITO, 2014, International conference held at Amity University, 2014.Member, Technical Committee of IEEE Sponsored ICRITO, 2015, International conference held at Amity University, September 2015.Co-Chaired a Session on Data Sciences of IEEE Sponsored ICRITO, 2015, International conference held at Amity University, 2015. <p>(xii) any other (please specify) : NA</p>
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27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):

Name of faculty member	Title of Programme	Institution where attended	Duration (dates)
Dr Vinita Kumari	Orientation Program	JNU, New Delhi	7/4/2014-2/5/2014 (4 WEEKS)
Dr Vinita Kumari	Refresher Program	JNU, New Delhi	6/4/2015-1/5/2015 (4 WEEKS)
Dr. Sameena Naaz	3 week Refresher Course in Mathematics, Operational Research and Computer Science	Centre for Professional Development in Higher Education (CPDHE), University of Delhi	December 12 th to 31 st , 2011
Dr. Sameena Naaz	4 th Special Winter School (Interdisciplinary Refresher Course)	UGC Human Resource Development Center, Jamia Millia Islamia	December 8 th to December 30 th 2015.
Dr. Sameena Naaz	Workshop on Network Security and Applications (NSA-2011)	University Polytechnic, Aligarh Muslim University, Aligarh, UP	5 th -6 th February 2011.
Dr. Sameena Naaz	Walk and Workshop on “Awareness, Preparedness and Management for Risks Reduction of Disaster” on the occasion of “UN International Disaster Reduction Day”	Faculty of medicine Jamia Hamdard	12 th October 2011.
Dr.SameenaNaaz	Seminar on “Innovations in Apple Inc. (A tribute to Steve Paul Jobs)” with ISTE, CSI and IEEE held on 21 st October, 2011.	Department of Computer Science, FMIT, JamiaHamdard	
Dr. Sameena Naaz	Two day Annual Faculty/ Teacher’s Convention-2015	Department of Computer Science, Jamia Hamdard, New Delhi.	3 rd and 4 th November 2015
Safdar Tanweer	UGC orientation program	Jamia Millia Islamia	11-12-2012 to 1-1-2013
Safdar Tanweer	UGC Special summer school (refresher program)	Jamia Millia Islamia	06-05-2015 to 26-05-2015
Dr. Harleen Kaur	Refereshher course in Computer Science	JNU, New Delhi	2010

Dr. Harleen Kaur	1 st Interdisciplinary course in Information Technology, Computer Science and Bioinformatics	JNU, New Delhi	2015
Mohd Abdul Ahad	110 th four-week Orientation programme organized by UGC-ASC	Jamia Millia Islamia, New Delhi	2014
Suraiya Parween	4 th Three weeks Special Summer School, organized by UGC, HRDC	Jamia Millia Islamia, New Delhi	2015
Mohd Abdul Ahad	Workshop on MATLAB and its Applications between 11 and 12 October, 2012	DITM, College of Engineering & Management	2012
Mohd Abdul Ahad	Two days National Workshop on Emerging Trends in Quality Education: The Road Ahead between 29-30 August, 2013	Guru Jambheshwar University of Science and Technology, Hisar (Haryana)	2013
Mohd Abdul Ahad	Workshop on “ERP Mission” organised under the aegis of National Mission on Education (NMEICT), MHRD, Govt of India	FTK-Centre for Information Technology, JMI, New Delhi between 17-18 September, 2011	2011
Mohd Abdul Ahad	Walk and Workshop for Awareness, Preparedness and Management for Risk Reduction of Disaster 12 th October, 2011	Jamia Hamdard	2011
Mohd Abdul Ahad	Faculty Development Programme on Leveraging Technology for Quality Education	Bharati Vidyapeeth’s Institute of Computer Applications & Management	2011
Mohd Abdul Ahad	Faculty Training Programme on Information Security & Cyber Forensics”	Delhi Institute of Technology & Management	2012

Dr. Parul Agarwal	UGC Sponsored Refresher Course	Centre for Professional Development in Higher Education, University of Delhi	2014
Dr. Parul Agarwal	95 th four-week Orientation programme organized by UGC-ASC	Jamia Millia Islamia, New Delhi	2011
Dr. Parul Agarwal	4 th Three weeks Special Winter School, organized by UGC, HRDC, JMI	Jamia Millia Islamia, New Delhi	2015
Suraiya Parween	96 th four-week Orientation programme organized by UGC-ASC	Jamia Millia Islamia, New Delhi	2011
Shabina Ghafir	99 th four-week Orientation programme organized by UGC-ASC, JMI	Jamia Millia Islamia, New Delhi	2012
Shabina Ghafir	Refresher Course in Computer Science programme organized by UGC-ASC, Aligarh Muslim University	Aligarh Muslim University	2015
Md Tabrez Nafis	113 th four-week Orientation programme organized by UGC-HRDC, JMI	Jamia Millia Islamia, New Delhi	2015
Md Tabrez Nafis	Faculty Development Programme	BVICAM	2012
Md Tabrez Nafis	Continuing Education Programme, Short Term Course on Telecommunication Networks with State of Art Hands on Experience	IIT, Kharagpur	2011
Bhavya Alankar	Four Week Orientation Programme,	JNU	2015
Jawed Ahmed	103 rd four-week Orientation programme organized by UGC-ASC, JMI	Jamia Millia Islamia, New Delhi	2013

	Jawed Ahmed	Fourth 3-week Special Summer School, organized by UGC-HRDC, JMI	Jamia Millia Islamia, New Delhi	2015
	Dr. Syed Imtiyaz Hassan	UGC Sponsored Refresher Course	University of Delhi	24 th Nov to 13 th December, 2014
	Dr. Syed Imtiyaz Hassan	98 th four-week Orientation programme organized by UGC-ASC, JMI	Jamia Millia Islamia, New Delhi	30 th Sep- 01 st Nov, 2011
28.	Student projects:	<ul style="list-style-type: none"> percentage of students who have done in-house projects including inter-departmental projects 70% percentage of students who have done projects in other Universities/Institutions 30% (in NIC, TCS, IGBT) 		
29.	Awards /recognitions received at the national and international level by:	<ul style="list-style-type: none"> Faculty: Nil Doctoral/ Post doctoral fellows: Nil Students: 3 students got national level rank in IEEE contest. 		
30.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any: Nil			
31.	Code of ethics for research followed by the departments:	Ph.D. Bye Laws, 2009of Jamia Hamdard Based on UGC guidelenes, FET designed By- Laws of UG, PG and PhD programs, which contain adequate information about code of ethics.		
32.	Student profile programme-wise (2011-2015) :			
	Name of the Programme (refer to question/point No. 4)	Applications received	Selected	Pass percentage
			Male Female	Male Female
	Ph.D in Computer Science and Engineering	201	18 10	100% 100%
	M.Tech (CSE)	76	11 18	100 100
	M.Tech (ISCF)	124	32 24	100 100
	M.Tech (CSE) Part Time	456	101 39	100 100
	MCA	1543	127 42	97.6 97.6
	B.Tech (CSE)	3092	257 80	100 100
	B.Tech (ECE)	855	98 21	100 100

	BCA	1384	257	80	99.2	98.7
	B.Tech. (IT)	1846	89	34	98.8	100
	M. Sc.(CS)	487	73	18	98.6	94.4
	M.Tech. (BI)	158	5	13	100	100
33. Diversity of students	Name of the Programme (refer to question/point no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries (foreigners)	
	Ph.D in Computer Science/ Computer Science Engineering	25.71% (09/35)	08.58% (03/35)	45.71% (16/35)	20.00% (07/35)	
	M.Tech (CSE)	31.10	0	68.90	0	
	M.Tech (ISCF)	33.90	0	62.50	3.60	
	M.Tech (CSE) Part Time	17.26	11.34	71.40	0	
	MCA	48.25	12.72	37.28	1.75	
	B.Tech (CSE)	2.34	54.64	41.20	1.82	
	B.Tech (ECE)	6.70	52.10	38.70	2.50	
	BCA	2.42	30.99	23.74	42.85	
	B. Tech.(IT)	3.98	46.59	39.21	10.22	
	M. Sc.(CS)	27.50	11.10	39.20	22.20	
	M.Tech. (BI)	0	0	85.70	14.30	
34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	GATE: 12					
35. Students progression:	Student progression	Percentage against enrolled				
	UG to PG	25.7				
	PG to M.Phil.	0				
	PG to Ph.D.	10.7				
	Ph.D. to Post-Doctoral	0				
	Employed	(% of Campus Selection since Last 5 Years)				
• Campus selection	MCA - 65.19 % B.Tech (CS/IT) - 39.96 % M.Sc (CS) - 18.98 % BCA - (most of them want higher study in our university)					

		<ul style="list-style-type: none"> Other than campus recruitment (pool campus & Off campus) 	<p>MCA- 34.81% B. Tech (CS/ IT)- 60.04% M Sc (CS)- 81.02</p>
		<p>Entrepreneurs</p>	<p>(i) swiftdeal.org By our student Saud Akhtar Siddiqui. One of the Internet companies in the country, SwiftDeal is Indias premieronline classifieds company in recruitment, education and related services. New Innovatiove technology for creating apps, web application development and server maintenance. Online internship classifieds, the smartest gateway for students to achieve their goals. <u>Its Digital Marketing section</u> serving a way to attain automation in marketing specially in the field of customer relationship management. Address:406, Sant Nagar East of Kailash, New Delhi, New Delhi 110065. Email : info@swiftdeal.org Phone : +91-9891048495</p> <p>(ii) The Bench Café Opened at Noida by our student Mohd. Aish.</p>
36.	Diversity of staff:	Percentage of faculty who are graduates	
		of the same university	10%
		from other universities within the State	40%
		from universities from other States	50%
		from universities outside the country	0%
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	4 (four, during 2011-2015)	
38.	Present details of departmental infrastructural facilities with regard to	<p>(i) Library: 1 (Central Library): (ii) Internet facilities for staff and students: Yes (iii) Total number of class rooms:14 (iv) Class rooms with ICT facility: 18 (Under Construction) (v) Students' laboratories:11 (vi) Research laboratories: 02(in the process)</p>	

39.	List of doctoral, post-doctoral students and Research Associates:	(i) from the host institution/university : Nil																														
40.	Number of post graduate students getting financial assistance from the university.:	As per our <u>university policy</u> , 25% rebate in fee concession on the basis of academic performance to top three scorers in all the UG/PG programmes. Student Aid fund to weaker section students.																														
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	By regulatory bodies like UGC, AICTE. It is an established practice of FET to carry out need assessment exercises before the development of a new program. Besides that, in most of the cases it is mainly by Feedback from the alumni and Industries/Companies coming for campus recruitment. Also due to global need, local requirements, etc. .																														
42.	Does the department obtain feedback from:	Yes																														
		<p>(i) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? The feedbacks are collected by the department and meeting with the teachers are held to discuss the feedback.</p> <p>(ii) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? At the end of every semester self evaluation meeting is conducted with the teachers, under the chairmanship of the HOD.</p> <p>(iii) Alumni and employers on the programmes offered and how does the department utilize the feedback? Alumni and employers whenever comes for campus interview of the students, we take each such event as an opportunity. We in meetings discuss with the HR team of the placement visiting team about the gaps in “industry requirements” and our “academic delivery”. We take suggestion about : How to bridge the gap. The feedback help us to improve the curriculum of UG/PG programme and also to improve the offering of value-added courses to the students.</p>																														
43.	List the distinguished alumni of the department (maximum 10):	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">S. No.</th> <th style="width: 25%;">Name</th> <th style="width: 10%;">Course</th> <th style="width: 10%;">Batch</th> <th style="width: 50%;">Present position and affiliation</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td>Adiba Arif</td> <td>B. Tech.</td> <td style="text-align: center;">2011</td> <td>Developer, Dixon Schwabi Advertising New York.</td> </tr> <tr> <td style="text-align: center;">2.</td> <td>Syed Rabbani</td> <td>B. Tech.</td> <td style="text-align: center;">2011</td> <td>Assistant Manager, American Express.</td> </tr> <tr> <td style="text-align: center;">3.</td> <td>Musa</td> <td>M. C. A.</td> <td style="text-align: center;">2011</td> <td>Lecturer, Nigeria</td> </tr> <tr> <td style="text-align: center;">4.</td> <td>Zarina Khatoon</td> <td>B. Tech.</td> <td style="text-align: center;">2013</td> <td>ASE, IBM</td> </tr> <tr> <td style="text-align: center;">5.</td> <td>Naha Hasan</td> <td>B. Tech</td> <td style="text-align: center;">2011</td> <td>Consultant Marketing and Communication,</td> </tr> </tbody> </table>	S. No.	Name	Course	Batch	Present position and affiliation	1.	Adiba Arif	B. Tech.	2011	Developer, Dixon Schwabi Advertising New York.	2.	Syed Rabbani	B. Tech.	2011	Assistant Manager, American Express.	3.	Musa	M. C. A.	2011	Lecturer, Nigeria	4.	Zarina Khatoon	B. Tech.	2013	ASE, IBM	5.	Naha Hasan	B. Tech	2011	Consultant Marketing and Communication,
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					SAP Labs	
		6.	Hisham Mohamad	B. Tech.	2011	Strategic Planning & Quality Assurance Professional, Ministry of Higher Education
		7.	Shahrulh Habib	B. Tech.	2011	Associate Manager, NewGen Software
		8.	Muqadus Bashir	M. C. A.	2008	Product Owner, IBM India Pvt. Ltd.
		9.	Taran Jyot Narula	B. Tech	2014	SEA, Accenture
		10.	Adeel Zafar	B. Tech.	2013	SDE, FlipKart
		11.	Arash Besharati	B. Tech.	2015	Founder, Arixstudio, Iran
		12.	Choudhary Nafees Ahmad	M. C. A.	2010	Lead Consultant, Genpact Headstrong
44.	Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.:	<p>The department constantly engages the students in workshops and trainings. The new field like .NET technology and important subjects like Algorithms are being taught to the students in special classes or summer training programs. The focuses of these programs are job interviews and preparing the students for examinations like GATE.</p> <ul style="list-style-type: none"> • Personality Development Programs: The department organizes workshops and trainings for vocabulary and communication. • Technical: Subjects and advanced topics are taught by trainers of reputed training institutes. The department has also organized workshops for Robotics and Cyber security. • Lecture by Professor Manssor Alam, Chair, College of Engineering, The University of Toledo, Ohio, USA, 2015 				
45.	List the teaching methods adopted by the faculty for different programmes.:	<p>The above trainings make extensive use of Visual Aids like PowerPoint presentations; regular quizzes, tests, tutorials and home assignments. The faculty generally makes a social networking group to share the material with the students. Whenever a company representative comes for recruitment, they are asked to give their suggestions.</p>				
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	<p>Objectives PO1: Programme Educational Objective 1: To develop innovative and effective methods of teaching which make a student capable to attain subject knowledge, value addition in Technical, Mathematical and Logical areas, placement and admission to leading institutes of higher education. PO2: Programme Educational Objective 2: To inculcate self paced learning in the students.</p>				

		<p>PO3: Programme Educational Objective 3: To inculcate creativity in design and development of technology and apps development.</p> <p>PO4: To promote quality of research among UG and PG students and teachers. Interface with industry and motivation of faculty for sponsored projects</p> <p>PO5: Encouragement of students to take industrial projects.</p> <p>The department has taken into account the concerns of all the stakeholders namely</p> <ul style="list-style-type: none"> ○ Students ○ Faculty ○ Industry ○ Alumni ○ Society <p>These objectives are reviewed continually to keep track of the changes occurring globally in the field of Engineering and Technology. Opinion and feedback of the stakeholders is sought and incorporated after discussion in the requisite committees.</p> <p>The mission of the department is supported by the above in the following way.</p> <table border="1" data-bbox="651 814 1445 1136"> <thead> <tr> <th>Mission</th> <th>PO1</th> <th>PO2</th> <th>PO3</th> <th>PO4</th> <th>PO5</th> </tr> </thead> <tbody> <tr> <td>Quality Technical Education</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Skill Development</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Social Commitment</td> <td>X</td> <td>✓</td> <td>✓</td> <td>X</td> <td>X</td> </tr> <tr> <td>Research</td> <td>X</td> <td>✓</td> <td>✓</td> <td>X</td> <td>X</td> </tr> </tbody> </table> <p>Also, the academic factor involved in the POs are taken into account while developing the curriculum. This is the reason for including the following in the course.</p> <ul style="list-style-type: none"> ○ Append Science (Mathematics, Physics and Chemistry) ○ Humanities ○ Engineering subjects (core selectives) ○ Management and Economics ○ Projects (Mini, Major and seminar) ○ Self learning <p>The evaluation of the objectives are either direct or indirect.</p> <ul style="list-style-type: none"> • At the end of final and semi final year, the project of the students is evaluated by a committee of teachers which are experts in the subject concerned in which the students develop the project. The list of experts is finalized via BOS meeting consisting of external members also. • The course evaluation is done by a committee of experts. Each subject is assessed by the experts of the subject in the faculty and from experts outside the university. • Placement of the students is given forth most importance in the department. For this various responsibilities have been assigned to teachers and students. For this purpose the student and teacher placement co-coordinators have been appointed by the department. 	Mission	PO1	PO2	PO3	PO4	PO5	Quality Technical Education	✓	✓	✓	✓	✓	Skill Development	✓	✓	✓	✓	✓	Social Commitment	X	✓	✓	X	X	Research	X	✓	✓	X	X
Mission	PO1	PO2	PO3	PO4	PO5																											
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Social Commitment	X	✓	✓	X	X																											
Research	X	✓	✓	X	X																											

		<ul style="list-style-type: none"> • Industrial training and visits are also given importance in the department.
<p>47.</p>	<p>Highlight the participation of students and faculty in extension activities.</p>	<p>The faculty is encouraged to involve the students in the projects and research projects. This has led to increase in the academic output of the institute.</p> <p>M. Tech and ph. D. students are involved in tutorial, lab classes, career consultancy and aptitude tests.</p> <p>Faculty members appointed as mentors.</p> <p>Faculty members regularly take classes of the weaker section of the students.</p> <p>Motivate students for technical fests and cultural activities.</p> <p>Dr. Sameena Naaz</p> <ol style="list-style-type: none"> 1. Participated in the 1st National Conference on Next Generation Computing And Information Security(NCNGCIS-2011) "Emerging Trends for Future Challenges" held on 25th & 26th March, 2011 at IMS Noida. 2. Contributed a paper in the National Conference on Next Generation Computing and Information Security: —Emerging Trends & Challenges (NCNGCIS-2013) held on 22nd -23rd March 2013. 3. Attended a workshop on Network Security and Applications (NSA-2011), organized by University Polytechnic, Aligarh Muslim University, Aligarh, UP on 5th -6th February 2011. 4. Participated in the Walk and Workshop on “Awareness, Preparedness and Management for Risks Reduction of Disaster” on the occasion of “UN International Disaster Reduction Day” organized by Faculty of medicine Jamia Hamdard held on 12th October 2011. 5. Attended a seminar on “Innovations in Apple Inc. (A tribute to Steve Paul Jobs)” organized by the Department of Computer Science, FMIT, Jamia Hamdard in association with ISTE, CSI and IEEE held on 21st October, 2011. 6. Attended a 3 week Refresher Course in Mathematics, Operational Research and Computer Science at Centre for Professional Development in Higher Education (CPDHE), University of Delhi from December 12th to 31st, 2011. 7. Attended a 2 day Annual Faculty/ Teacher’s Convention-2015, held on 3rd and 4th November 2015, Organized by Department of Computer Science, Jamia Hamdard, New Delhi. Theme: Academic Knowledge and Skill Required for Entrepreneurship. 8. Organizing member of a two day Annual Faculty/ Teacher’s Convention-2015, held at Department of Computer Science, Jamia Hamdard, New Delhi on 3rd and 4th November 2015 9. Technical Programme Committee Member for INDIACom 2016, an International Conference on Computing for Sustainable Global Development to be held on 16th - 18th March, 2016.

		<p>10. Chairperson of special session on “Cloud Computing: Architectural Advancements, Security Issues and Workload Distribution”, in INDIACom 2016, an International Conference on Computing for Sustainable Global Development to be held on 16th - 18th March, 2016.</p> <p>Dr. Parul Agarwal</p> <ol style="list-style-type: none"> 1. Participated in 95th four week UGC sponsored Orientation Programme organized by UGC-ASC at ASC, Jamia Millia Islamia, New Delhi from 18th January to 15th February, 2011. 2. Participated in the Walk and Workshop on “Awareness, Preparedness and Management for Risks Reduction of Disaster” on the occasion of “UN International Disaster Reduction Day” organized by Faculty of medicine Jamia Hamdard held on 12th October 2011. 3. Attended a seminar on “Innovations in Apple Inc. (A tribute to Steve Paul Jobs)” organized by the Department of Computer Science, FMIT, Jamia Hamdard in association with ISTE, CSI and IEEE held on 21st October, 2011. 4. Participated in Refresher Course in Mathematical Sciences, DU FROM 24TH Nov,2014 to 13th Dec, 2014 5. Participated in two day workshop held in IIT DELHI in May, 2015. 6. Participated in three week Special Winter School organized by the UGC –HRDC, JMI, New Delhi from 8 Dec, 2015 to 30 Dec, 2015. 7. Technical Committee member of IEEE Sponsored ICRITO, 2014, An International conference held at Amity University, 2014. 8. Technical Committee member of IEEE Sponsored ICRITO, 2015, An International conference held at Amity University, 2015 9. Co-Chaired a Session on Data Sciences of IEEE Sponsored ICRITO, 2015, An International conference held at Amity University, 2015. <p>Dr. Harleen Kaur Member, Children Science Congress (DST), Member, Member of Indian Society of Technical Education.</p> <p>Workshop Organized:</p> <ol style="list-style-type: none"> 1. Kaur H, Workshop on Knowledge Discovery and Data Mining for Healthcare Management, United Nations University International Institute for Global Health, 9th - 10th July, 2012. 2. Kaur H, Workshop on Computational Intelligence Techniques in Industrial Systems, 7th International Conference on Soft Computing Models in Industrial and Environmental Applications, Czech Republic, 5th – 8th September, 2012. 3. Ajunid S. and Kaur H, Workshop on Casemix analysis and Data Mining for Healthcare Industry, SOCO 2012, Ostrava, Czech Republic, 5th – 8th September, 2012.
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	<p>Conferences / Symposium Attended:</p> <p>1. 1st Public Health Symposium “Health Informatics: Challenges and Opportunities, PGI, Chandigarh, 7th – 8th March 2015</p> <p>Regional/ State level</p> <p>2. NSTDA/ STI and UNU-MERIT on Design and Evaluation of Innovation Policy in Developing Countries, 5-9 March, 2012 in Phuket, Thailand. Participation certificate is enclosed and Online lecture is available at: www.youtube.com/watch?v=pu-cy3Vk7gA</p> <p>International</p> <p>3. IEEE Conference on Machine Intelligence and Research Advancement (ICMIRA), Katra, Jammu, 2013. (Invited Lecture)</p> <p>Regional</p> <p>4. Seminar on innovations in Apple Inc. (A Tribute to Steve Paul Jobs) 21st Oct. 2011</p> <p>Local</p> <p>5. Walk and Workshop for Awareness, Preparedness and Management for Risk Reduction of Diaster, 12th Oct. 2011. (Certificate Enlosed)</p> <p>Mrs. Shabina Ghafir Orientation Programme</p> <p>1. 18/01/2012 to 17/02/2012, UGC ASC, Jamia Millia Islamia (New Delhi), 4 Weeks, UGC, Refresher Course</p> <p>2. 27/02/2015 to 20/03/2015, UGC ASC, Aligarh Muslim University (Aligarh), 3 Weeks UGC</p> <p>Workshops</p> <p>1. Workshop on Network Security and Applications (NSA-2011) organized by University Women’s Polytechnic, Aligarh Muslim University ,Aligarh, U.P. India on 5th-6th February, 2011. Organized by University Women’s Polytechnic, Aligarh Muslim University ,Aligarh, U.P. India on 5th-6th February, 2011.</p> <p>2. Participated in the Workshop on “ERP Mission” organized under the aegis of the National Mission on Education (NMEICT), MHRD, Govt. of India Held at FTK- Centre for Information Technology, Jamia Millia Islamia, New Delhi during 17-18 September 2011.</p> <p>3. Workshop on Multimedia and Applications (MMA-2012), Organized by University Women’s Polytechnic, Aligarh Muslim University ,Aligarh, U.P. India on 4th-5th February, 2012.</p> <p>Seminars</p> <p>1. Participated in National Seminar on "Cyber Threats: Issues & Challenges", Organized by I.T.S- Engineering College ,Greater Noida on 02 April 2011.</p> <p>2. Attended a seminar on “Innovations in Apple Inc. (A tribute to Steve Paul Jobs)” held on 21st October, 2011 Department of Computer Science, FMIT, Jamia Hamdard in association with ISTE, CSI and IEEE.</p> <p>3. Participated in National Seminar on "Recent Trends in Software Technologies (RTST-2012)"</p>
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		<p>Organized by Department of I.T., I.T.S- Management and IT Institute Ghaziabad on 17th April 2012</p> <p>Conferences</p> <ol style="list-style-type: none"> 1. Participated in the National Conference on “Emerging Trends in Open Source Applications and cloud Computing(OSACC-2012)”, Held at FTK- Centre for Information Technology, Jamia Millia Islamia, New Delhi, 2. Short term training, ISTE Short term training programme, On Efficient Object Relational Mapping concept in Web Technologies April 22- 27, 2013. 3. Sponsored by Indian Society for Technical Education , New Delhi and SRM University, Chennai Organized by Department of Information Technology, College of Technology, G.B.Pant University of Agriculture and Technology,Pantnagar (Uttarakhand) <p>Mr. Mohd Abdul Ahad</p> <ol style="list-style-type: none"> 1. Appointed as the Technical Committee Member of 3rd International Conference on Computer Technology and Development (ICCTD 2011), Chengdu, China. November 25-27, 2011 2. Participated in the National Conference on “Emerging Trends in Open Source Applications and Cloud Computing (OSACC-2012)” held at FTK-Centre for Information Technology, JMI on March 15, 2012 3. Participated in One Day Faculty Development Programme (FDP) on "Emerging Technologies" organized by Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM) and conducted by Tata Consultancy Services (TCS) on 03rd March, 2012 4. Worked as a Coordinator in the Seminar on “Innovations in Apple Inc. (A Tribute to Steve Paul Jobs) organized by department of Computer Science, Jamia Hamdard in association with IEEE, CSI and ISTE Hamdard Chapters. 5. Participated in a workshop on “ERP MISSION” organized under the aegis of the National Mission on Education (NMEICT), MHRD, Govt. of India, held at FTK-Centre for Information and Technology, Jamia Millia Islamia during 17-18 September, 2011. 6. Participated in Walk and Workshop for Awareness, Preparedness and Management for Risk Reduction of Disaster on International Disaster Reduction Day on 12.10.2011 , organized by Department of Gynecology, Obstetrics and Pediatrics and Preventive and Social Medicine, Faculty of Medicine , Jamia Hamdard, New Delhi, sponsored by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India 7. Participated in the seminar on “Science and Technology”- A boon for rural India, on the occasion of National Science Day, organized by the department of Computer Science, Jamia Hamdard on 28th February 2012. 8. Participated in Faculty Development Programme on “Leveraging Technology for Quality Education” held on
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		<p>28th May, 2011 at BVICAM, New Delhi (Under association with IEEE Computer Society, IEEE AES COM LEO Chapter, ISTE Delhi Section, CSI Region – I and Delhi Chapter)</p> <ol style="list-style-type: none"> 9. Participated in “BRIDGES” a Seminar on the Role of Youth in Communal Harmony at Jamia Hamdard held on March 25, 2011. 10. Participated in an AICTE sponsored National Seminar on Information and Communication Technology (Challenges and Business Opportunities) organized by Institute of Management and Research, Ghaziabad on April 22-23, 2011. 11. Participated in 4-week UGC Orientation Programme from 11th November to 8th December, 2014, held at Jamia Millia Islamia, New Delhi <p>Mrs. Suraiya Parveen</p> <ol style="list-style-type: none"> 1. Awareness, Preparedness and Management for Risks Reduction of Disaster”, 12th October 2011 2. Innovations in Apple Inc. (A tribute to Steve Paul Jobs)” organized by the Department of Computer Science, FMIT, Jamia Hamdard in association with ISTE, CSI and IEEE. 21st October, 2011. 3. Academic Knowledge and Skill Required for Entrepreneurship, Annual Faculty/ Teacher’s Convention-2015, , Organized by Department of Computer Science, Jamia Hamdard, New Delhi, <p>Dr. Vinita Kumari</p> <ol style="list-style-type: none"> 1. Porous Silicon Myoglobin Immunosensor, National Conference on Nanotechnology and Renewable Energy, Jamia Millia Islamia, New Delhi, April 28-29, 2014 2. Porous silicon: an attractive material for immunosensor, International Conference on Nanomaterials and Nanotechnology, Conference Centre at University of Delhi, India, 18-21 December 2011, (ICNANO-2011) <p>Dr. Siddhartha Sankar Biswas</p> <ol style="list-style-type: none"> 1. Attended a workshop on Virtual Lab, An initiative by Ministry of Human Resource and Development (MHRD), Govt. Of India conducted by Indian Institute of Technology, Delhi (IIT Delhi) held on 22nd August 2015. <p>Dr. Sherin Zafar</p> <ol style="list-style-type: none"> 1. Dr. Sherin Zafar, Rimsha Zafar “<i>The Evolution of Distance Learning In Higher Education</i>”, National Symposium On “Information Communication Technology (ICT) Enabled Student Support Services and Online Promotion of Education Through Virtual Technology, MPBOU, Bhopal, January 2016. <p>Ms. Karuna Yogesh Sunami</p> <ol style="list-style-type: none"> 1. Formed a society -Footprints Leadership Initiative for
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		<p>students of B. Tech CS under Open Slot for Value Addition. The motive of this society is improving communication skills of the students.</p> <p>Mr. Harsh Bhasin</p> <ol style="list-style-type: none"> 1. Guest in FDP on ICT Technology Trends and Skill Development, United group of Institutions, Organized by CMAI Association of India, Noida. 2. Conference, ISCMI, 2014 (Springer), November. New Delhi. Paper presented on "Diploid Genetic Algorithm". 3. Proceedings of the Second International Conference on Computer and Communication Technologies (IEEE), Chennai, Tamil Nadu. paper Presented on " Neural Network-Based Automated Priority Assigner". <p>Ms. Richa Gupta</p> <ol style="list-style-type: none"> 1. Attended 2 days workshop at IIITD on Ubiquitous sensing for effective living, November 2015 2. Attended 1 day workshop of IEEE for counsellors, faculty in charge and chairs at DTU, September 2015 3. Conducted 2 days workshop on Android App Development in CSE department at Jamia Hamdard by AEDFICO, FEB 2015 4. Conducted 2 days workshop on ETHICAL HACKING AND CYBER SECURITY in CSE department at Jamia Hamdard by Bytecode, March 2015 5. Attended workshop on Intellectual property rights in IT department at Delhi Technological University, Delhi., India. Co-ordinated by Delhi School Of Management, May 2013 6. Attended workshop on <i>Microsoft app development</i> in IT department at Delhi Technological University, Delhi., India. Co-ordinated by Microsoft India., February 2013 7. Organized and attended workshop on <i>HTML 5 and blackberry</i> in IT department at Delhi Technological University, Delhi., India. Co-ordinated by SKJ Technologies Pvt ltd., February 2013 <p>Attended international workshop on power electronics at Delhi Technological University, Delhi., India, December 2012</p>
<p>48.</p>	<p>Give details of “beyond syllabus scholarly activities” of the department.</p>	<ul style="list-style-type: none"> • A number of special Non-credit courses are added in the syllabus to achieve the above objective. • The department holds seminars in which the students present new lunched technology and products likely to come in the market soon. For example, many workshops and conferences are conducted by IEEE student section and ISTE Hamdard chapter. • Some of the students engage in literature review of the topic given by the respective mentor. • Special classes are being conducted for GATE and GRE • Self learning

<p>49.</p>	<p>State whether the programme/department is accredited/graded by other agencies? If yes, give details.:</p>	<ul style="list-style-type: none"> • The department conducts trainings in C#, .NET <p>Yes, the university has been accredited by NAAC twice</p>
<p>50.</p>	<p>Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:</p>	<ul style="list-style-type: none"> • The faculty has been involved in world class research; publishing papers in reputed databases including SCI indexed journals. The faculty is involved in sponsored research. • The faculty has authored books of reputed publishers like Springer and Oxford University Press. • The projects of some of the students, useful for the society, have also been covered in media. • The faculty is also involved in editorial work. • Feedback from students per semester and corrective measures being taken
<p>51.</p>	<p>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:</p>	<p>Strengths</p> <ol style="list-style-type: none"> 1. Academic Audit 2. The faculty has received grants for sponsored research. 3. World class research 4. The syllabi are at par with the IIT's 5. 90% placement through on campus and off campus 6. Faculty development programs are conducted 7. Ragging free campus 8. It is a hub of foreign students 9. Books being authored by the faculty members 10. Students involved in projects useful for the society and also in the industrial projects 11. Labs being upgraded regularly 12. New syllabus CBCS has been introduced. 13. The proportion of girls in the department is more than the national average. 14. The number of foreign students in the department is appreciable and designed special programs for their special needs. 15. The weekend program started by the department is unique and has proved boon for the working IT professional. 16. Qualified and experienced faculty 17. Faculty involved in high grade research 18. Organization of NERDS- techno-cultural annual fests 19. Unique teacher-taught relationship 20. Better visibility spectrum at national and international levels. <p>Weaknesses</p> <ol style="list-style-type: none"> 1. Shortage of sponsored projects 2. The department needs better infrastructure and advanced equipments 3. Need research grant 4. Shortage of funds for research 5. Poor industry-institution relationship and training needs of

		<p>new technologies.</p> <ol style="list-style-type: none"> 6. Poor industry oriented lecture series. 7. Shortage of e-resources 8. More non teaching staff is needed <p>Opportunities</p> <ol style="list-style-type: none"> 1. The department has young energetic faculty which need new policy for their training and development. 2. New departments have been established and need adequate funds. 3. Identification of thrust area and integration into the projects to develop new tools and technologies. 4. International Collaborations are being sought 5. Training needs analysis and action taken 6. More skill development initiatives are needed. 7. <p>Training need analysis needs attention</p> <ol style="list-style-type: none"> 8. Consideration under TEQIP. 9. Establishment of QIP centers 10. International and national conferences and workshops. 11. Special English language programs for foreign students. 12. More sensitized programs. <p>Challenges</p> <ol style="list-style-type: none"> 1. To manage the growing departments according to present academic and industrial demands. 2. To provide world class training to the faculty and students 3. To keep the research output at par with the best institutes 4. To make placements better and attractive 5. Effective programs for slow learners. 6. Better campus 7. To organize faculty development programs 8. To organize international seminars and conferences. 9. Proposal for TEQIP grant. 10. Professional development initiatives. 11. International and National collaborative programs.
<p>52.</p>	<p>Future plans of the department:</p>	<ul style="list-style-type: none"> • To start new PG and Ph. D. programs in the engineering area. • Incubation centre establishment • To get research funds from funding agencies • To establish skill development center • Collaboration with lead academic research institutes and industries

**School of Management and
Business Studies**
(Formerly Faculty of Management)

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	MANAGEMENT (INCLUDING HEALTH MANAGEMENT)			
2.	Year of establishment:	1998			
3.	Is the Department part of a School/Faculty of the university?	Yes (Faculty of Management)			
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	XII. UG-BBA, XIII. PG- MBA (General), MBA (Health Management), MBA (Pharmaceutical Management) XIV. Ph.D.			
5.	Interdisciplinary programmes and departments involved:	NA			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA			
7.	Details of programmes discontinued, if any, with reasons:	NA			
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Semester/Choice Based Credit System			
9.	Participation of the department in the courses offered by other departments:	N/A			
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)
Professor		2	1** Prof. A A Firdausi, Director JHRCA	1	
Associate Professors		5	5	5	
Assistant Professor/ Lecturer		16	16	16	
Others (Management Associate)		2	2	2	

11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Dr. Shibu John	Ph.D	HOD, Associate Professor	Hospital administration	18	(2)**
	Dr. N. Ravi Chandran	Ph.D	Associate Professor	Public Policy	21	6*(2)**
	Dr. Reshma Nasreen	Ph.D	Associate Professor	Marketing	18	1*(3)**
	Dr. Naushadul Haque Mullick	Ph.D	Associate Professor	Marketing	30	(4)**
	Syed. Nadimul Haque	MA (H R M) , LL B	Associate Professor	HR and Industrial relations	16	
	Ms Sana Beg	MBA	Assistant Professor	Finance	18	
	Mr Shahnawaz Abedin	MBA	Assistant Professor	Marketing	13	
	Dr Syeedun Nisa	Ph.D	Assistant Professor	International Business	12	
	Dr Mohd Faisal Khan	Ph.D	Assistant Professor	Hospital Administration	17	(1)**
	Ms Noria Farooqui	MAEBM	Assistant Professor	Marketing	11	
	Dr P.S Ray Chaudhuri	Ph.D	Assistant Professor	Operations	27	
	Dr Nudrat Moini Rahman	Ph.D	Assistant Professor	Marketing	8	
	Dr Sadaf Siraj	Ph.D	Assistant Professor	Marketing	8	1*(3)**
	Dr Fakhra Naeem	Ph.D	Assistant Professor	HR and industrial relations	14	
	Mr Shaad Habeeb	MA (H R M)	Assistant Professor	HR and IT	5	
	Ms Ayisha Shaikh	MBA	Assistant Professor	Finance	3	
	Mr Kapil Matta	M.com	Assistant Professor	Finance	5	
	Dr Sna Farooqui	Ph.D	Assistant	HR	4	

			Professor											
	Dr Matloobullah Khan	Ph.D	Assistant Professor	Finance	7									
	Ms Arshiya Farooqui	MBA	Lecturer	Finance	3									
	Ms Alka Sanjeev	MBA	Lecturer	IB and OR	10									
	Ms Iffat Naseem	MHA	Management Associate	Health Management	7									
	Mr Tafheem Bashir	MBA	Management Associate		2									
*Ph. D. awarded/Submitted **Ongoing Ph. D.														
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	Prof. Mirza S. Syedain Emeritus Professor Ex. Prof. IIM-Ahmedabad Prof. Atam Prakash Emeritus Professor Ex. Prof IIFT- Delhi												
13.	Percentage of classes taken by temporary faculty – programme-wise information:	Program wise percentage i. MBA (General) 05 ii. MBA (Healthcare) 15 iii. MBA (Pharmaceutical Management) 30 iv. BBA 0												
14.	Programme-wise Student Teacher Ratio:	Programme Student teacher ratio i. MBA (General) 18:1 ii. MBA (Healthcare) 20:1 iii. MBA (Pharmaceutical Management) 40:1 iv. BBA 40:1												
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	<table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Designation</th> <th style="text-align: center;">Sanctioned</th> <th style="text-align: center;">Filled/actual</th> </tr> </thead> <tbody> <tr> <td>Junior Assistant</td> <td style="text-align: center;">02</td> <td style="text-align: center;">02</td> </tr> </tbody> </table>					Designation	Sanctioned	Filled/actual	Junior Assistant	02	02		
Designation	Sanctioned	Filled/actual												
Junior Assistant	02	02												
16.	Research thrust areas as recognized by major funding agencies:	<ul style="list-style-type: none"> iv. Public Health v. Public Policy vi. Health Financing vii. Strategic Management iii. Human Resource ix. Retail management x. Social Media marketing xi. Entrepreneurship xii. Strategic Marketing 												
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:	<table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Name of the faculty</th> <th style="text-align: left;">Title of the Ongoing project</th> <th style="text-align: left;">National/International funding agencies/Tenure</th> <th style="text-align: left;">Grant received</th> </tr> </thead> <tbody> <tr> <td>Dr. N. Ravichandran</td> <td>Assessing and Developing Benchmarking process for Service Engineering Process in Health care Industries in India</td> <td>UGC</td> <td>6.6 lakhs</td> </tr> </tbody> </table>					Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure	Grant received	Dr. N. Ravichandran	Assessing and Developing Benchmarking process for Service Engineering Process in Health care Industries in India	UGC	6.6 lakhs
Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure	Grant received											
Dr. N. Ravichandran	Assessing and Developing Benchmarking process for Service Engineering Process in Health care Industries in India	UGC	6.6 lakhs											

		(2012-14)				
	Dr. N. Ravichandran	Assessment & Evaluation of Internal & External Customer Satisfaction: Hospital engineering Management, May, 2013- September, 13	HAHC			
18.	Inter-institutional collaborative projects and associated grants received:	(i) National collaboration (ii) International collaboration				
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	Funding agency	Project title, if any	Grant received		
20.	Research facility/centre with:	None				
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	None				
22.	Publications: (last 5 years):	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): 86 • Monographs: None • Chapters in Books: 04 • Edited Books : None • Books with ISBN with details of publishers: 03 • Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)□ • Citation Index – range / average : SNIP : • SJR : Impact Factor Range: • <i>h</i>-index: 				
	Sl. No.	Authors/editors (list all)	Title	ISBN	Year of publication	Publishers including city
	1.	Syedun Nisa	Female Expatriate Managers: Issues and Challenges	ISBN: 978-3-8484-9388-3	2012	LAP Lambert Academic Publishing GmbH & Co.KG, Germany.
	2.	Junaid A. B., & Nasreen R	Indian Cosmeceutical Market – Millennial Consumer Behaviour and Regulatory Framework	ISBN: 978-3-659-21392-2	2012	LAP Lambert Publishing House GmbH & Co.KG, Germany.
	3.	Ravichandran N., Hikmatpanah, M.	Six Sigma: Gaining Competitive Advantage in the oil Industry (A Case Analysis).	ISBN: 978-3-8454-3724-8	2012	LAP Lambert Publishing House GmbH & Co.KG, Germany.

Publications

Year: 2011

International Publication

- 1) Nasreen,R. Thang, N T.(2011). Marketing of Asian Countries as Tourist Destination- Comparative study of India and Malaysia. International Journal of Scientific & Engineering and Research (IJSER), Vol 2 (Issue 4), pages (1-18); ISSN 2229-5518
- 2) Abdullah B. J., & Siraj, S. (2011). Changing Dynamics of Indian Grooming Industry: A Content Analysis. Vision International Journal, Volume1(1), pages(17-25); ISSN:2231-3311
- 3) Abdullah B. J., Nasreen R, Ravichandran N, Siddiqui M. J. & Wani P. (2011). Factors favouring and disfavouring the popularity of Unani medicine among patients and practitioners – a survey. Unani Medicus, Volume 1(2), pages (43 – 51).
- 4) Ravichandran N, Taraji, H & Moosavi, S.M. (2011). Social Capital and its Potentiality in Health Care: A path breaking experience of Iran. International Journal of Business Management and Research. Volume 41 (2). ISSN: 2051-4281.
- 5) Vibha, A. Ravichandran N & Jain N.K. (2011). Dimensionality of service quality and its critical predictors to customer satisfaction in Indian Retail Banking. International Journal of Multidisciplinary Research. Volume 1 (5), pages (1-11). ISSN: 2231-5780.

National Publication

- 6) Siraj, S., Labh, S. (2011). Archotyping the brand – Strategy to connect. IUP Journal of Brand Management, Vol. VIII, No.3, pages (47-59); ISSN – 0972-9097.
- 7) Nasreen, R. Kaushik, P K. Malik, M. (2011). A study of the Marketing Strategies of Pharmaceutical Companies (Generic and Ethical) in National Capital Region (NCR). VIRTUE Volume II Issue I, pages (32-46); ISSN 2230-7117
- 8) Zameer A, Ravichandran N (2011). A Comparative analysis of modern food and grocery retailers: A study of customer perception in NCR. Indian Retail Review. Special issue, pages (75-90). ISSN: 0972-8678.
- 9) Raychaudhuri, P.S. & Singh A.(2011). An Exploratory study of hygiene, sanitation and health awareness of people at some prominent public places in Delhi. Prabandhan: Indian Journal of Management. Volume 4 (7), pages (18-25). ISSN:0975-2854.

Year: 2012

International Publications

- 10) Nasreen, R. Siraj S & Beg, S. (2012). Fast Trax- The Indian QSR Chain. Emerald Emerging Market Case Studies (EEMCS), Volume 2(8); pages (1-14); ISSN: 2045-0621. DOI: 10.1108/20450621211289403
- 11) Hasan, U, Nasreen, R. (2012). Cognitive Dissonance and its Impact on Consumer buying Behaviour. IOSR Journal of Business and Management (IOSRJBM). Volume 1(4), pages (07 – 12); ISSN: 2278-487X.
- 12) Hasan, U, Nasreen, R. (2012). An Indepth Analysis of Variables Affecting Post Purchase Cognitive Dissonance. Global Journal of Management & Business Research, Volume 12(20), ISSN: 0975-5853 (print), 2249-4588 (online).
- 13) Abdullah B. J. A, Nasreen, R. Ravichandran N. (2012). A Comprehensive Review of Consumption Pattern and Strategies in Cosmeceutical Market with a Focus on Dermaceuticals in Indian Market. International Journal of Scientific and Research Publications, Volume 2 (2), pages (1 - 10); ISSN: 2250-3153.
- 14) Abdullah B. J., Nasreen, R. (2012). Cosmeceuticals: A Revolution in Cosmetic Market. International Journal of Pharmacy and Technology, Volume 4 (1), pages (3925-3942); ISSN 0975-766X.
- 15) Abdullah B. J., Nasreen, R. (2012). Determination of Consumer Behaviour among Millennials in Dermaceuticals (Skin Care Products). International Journal of Marketing Studies, Volume 4

- (3), pages (88-99); ISSN 1918-719X (print), ISSN: 1918-7203 (online).
- 16) Abdullah B. J., Nasreen, R. Ravichandran N (2012). A Comparative Study of Cosmetic Regulations in Different Countries of the World with Focus on India. *International Journal of Current Research and Review (IJCRR)*, Volume 4 (11), pages (130-143); ISSN 2231-2196 (print), ISSN: 0975-5241 (online).
 - 17) Abdullah B. J., Nasreen, R. (2012). Regulatory Aspects of Traditional Medicine: Focus towards Unani Cosmeceutical Products. *International Journal of Pharmaceutical Sciences and Research*, Volume 3 (6), pages(1768-1781); ISSN 0975-8232
 - 18) Abdullah B. J., Nasreen, R. (2012). Study of Consumption Pattern of Cosmetic Products among Young Males in Delhi. *International Journal of Research in Commerce, Economics and Management*, Volume 2 (9), pages(77-86); ISSN 2231-4245
 - 19) Abdullah B. J., Nasreen, R. (2012). Analgesic Transdermal Therapeutic System: A Market Survey. *Asian Journal of Research in Social Science and Humanities*, Volume 2 (7), pages (34-50); ISSN 2249-7315.
 - 20) Abdullah B. J., Nasreen, R. (2012). In Depth analysis of Consumer Behaviour and Emerging Trends in the Cosmeceutical Market in India. *Intensity- International Journal of Applied Social Science Research*, Volume 1 (1), pages (101-118); ISSN 2319-8516.
 - 21) Khan M.U. & Siraj S (2012). Implication of FDI Theories for Developed and Developing Nations - Lessons from India. *International Journal of Social Sciences and Humanities Review*, Volume 3, No.1, pages (84-95); ISSN: 0781-3232.
 - 22) Khan M.U., Gupta A., Siraj S & Ravichandran N (2012). The Overview of Financial Derivative and Its Products. *International Journal of research in Finance & marketing*, Volume 2, Issue 3, pages (57-72); ISSN: 2231-5985.
 - 23) Khan M.U. Gupta A. & Siraj S (2012). Regulation and Accounting Treatment of Future and Option in Indian Derivative Market. *International Journal of Scientific and Research Publications*, Volume 2, Issue 6, pages (153-158); ISSN: 2250-3153.
 - 24) Nisa, S, Siraj R & Siraj S (2012). Switching from local to global – A paradigm shift in strategies adopted by Indian MNC’s. *Mag-e: International Journal of Management Science Reviews, Infotrack LS*. Volume (1) 1, pages (28-33); ISSN: 2249-6718.
 - 25) Nisa, S, Abdin MS., Junaid AB (2012). Perseverance Made the Difference: A case on Entrepreneurial Journey. *Mag-e: International Journal of Management Science Reviews. Infotrack LS*. Volume (1) 1, pages (38-43); ISSN: 2249-6718.
 - 26) Siraj, S. (2012). Changing dynamics of family decision making in hinterland with special reference to members’ life stage. *International Journal of Retailing and Rural Business Perspective, Pezzottaite Journals*, Volume 1(2), pages (131-141), ISSN: 2279-0934 (print), ISSN: 2279-0942 (online)
 - 27) Yadav S., Siraj, S. & Arora R., (2012). Customer Patronage Behavior In Shopping Malls: A Review Analysis. *International Journal of Retailing and Rural Business Perspective, Pezzottaite Journals*, Volume 1(2), pages (119-130); ISSN 2279-0934 (print), ISSN: 2279-0942 (online)
 - 28) Junaid, A. B., Siraj, S. (2012). Shifting Focus of the Dermaceutical Players - Case of Indian OTC Advertising. *International Journal of Contemporary Business Studies*, Volume 3(7), Pages (19-30); ISSN 2156-7506.
 - 29) Pervez S. & Beg S. (2012). Entrepreneurship: A problem solving approach to economic issues. *International Journal of Multidisciplinary Research*. Volume 1 (8(11)). Pages (75-79). ISSN: 2277-9302.
 - 30) Siraj, R. & Ravichandran, N. (2012). Shift Work: Evaluation of Employee’s Physical Well being and its impact on Quality of Life. *International Journal of Exclusive Management Research*, Volume 2(8). Pages (1–24). ISSN: 2249-8672
 - 31) Ali A, Junaid A B & Ravichandran N (2012). Comparative Analysis of Buying Behaviour of rural and urban women in Delhi (India) with reference to utility pattern of detergents. *International Journal of social sciences and humanities review*. Volume 2(5), pages (17-24).

- 32) Ravichandran N (2012). Distribution of Condoms: consumer's perception and marketing perspectives. *International Journal of Social Science & Interdisciplinary Research*. Volume 1 (7), pages (155-.164. ISSN: 2277-3630.
- 33) Khan M.U. & Beg S., (2012). Working Capital Management of 'Ratan Drawer Lock Industry'. *International Journal of management Science Reviews*, Volume 1, Issue 1, pages (44-53); ISSN: 2249-6718.

National Publication

- 34) Farooqui, Noria (2012). Harvest Gold: Delhi's No.1Bread. *Vikalpa*, Volume 37.2, pages (117 – 133); ISSN 0256-0909
- 35) Khan M.U, Gupta A., Siraj S. & Ravichandran N (2012). Derivation and Suggested Modification in Black-Scholes Option pricing Model. *IME Journal*, Volume 6 (1), pages(19-26); ISSN: 0974-0716
- 36) Khan M.U. & Siraj S (2012). Dependent and Functional Relationship of Finance and Economics on Sustainable Development Specially in Indian Economy. *IOSR Journal of Business and Management*, Volume 3 (2), pages(28-33); ISSN: 2278-487X.
- 37) Khan. M.U. & Ravichandran N (2012). Investment and Recovery Pattern of Real Estate Sector: A Case of M Square Land Base. *GITAM Journal of Management*, Volume 10 (4), pages(275-291);ISSN: 0972-740X
- 38) John, S (2012).Health Insurance and Healthcare Accessibility – a Critical Analysis. *Interdisciplinary Journal of Management & Behavioral Sciences*, Volume 1 (4), pages (45-54); ISSN; 2278-1285
- 39) Abdin, S.,Safeer, A. P., John, S. (2012). Impact of foreign investment on telecommunication sector in India since liberalization, privatization and globalization, *Journal of IMS Group*, Volume 9 (1), pages (32-42). ISSN: 0973-824X.
- 40) Abdin, S., John, S. ,Irani, S. (2012).Consumer Buying Behavior for Luxury Goods with reference to Economic Slowdown and Current Government's Budget Provision: An Empirical Study", *Review of Professional Management*, Vol. 10 (2), pages (36-46). ISSN: 0972-8686.
- 41) Gupta, P. M. & Siraj, S. (2012). Organizational Stress amongst Indian Women executives. *Crescent Journal of Business*, Volume 2(1), pages (11-23); ISSN: 2231-2994

Year: 2013

International Publication

- 42) Khan M.U. Gupta A, Siraj S (2013) Empirical Testing of Modified Black-Scholes Option Pricing Model Formula on NSE Derivative Market in India. *International Journal of Economics and Financial Issues*, Volume 3 (1), pages (87-98); ISSN: 2146-4138.
- 43) Khan M.U. Ali A, Siraj S (2013). A True Research Process in Social Sciences: A Case of Indian Research Section. *International Journal of Social Science and Interdisciplinary Research*, Volume 2 (1), pages (13 - 21); ISSN: 2277-3630.
- 44) Saleem M, Khan M.U. (2013). The Overview of Gold ETFs and Its Various Positive Features. *International Journal of Marketing, Financial Services and Management Research*, Volume 2 (4), pages (125 - 135); ISSN: 2277-3622.
- 45) Saleem M, Khan M.U. & Siraj S (2013). The Impact of Interest Based Banking On Socio-Economic Environment and Its Solution through Islamic Finance Concepts. *International Journal of Scientific and Research Publications*, Volume 3 (11), pages (1 – 8); ISSN 2250-3153.
- 46) Bin Junaid, A. , Nasreen, R.& Ahmed, F.(2013). A Study on the Purchase Behavior and Cosmetic Consumption Pattern among Young Females in Delhi and NCR. *Journal of Social and Development Sciences*, Volume 4 (5), pages (205-211), ISSN 2221-1152.

- 47) Hasan, U & Nasreen, R. (2013). Role of Consumer Engagement Measures in Controlling Post Purchase Dissonance. *Journal of Contemporary management*; pages (59-65); ISSN 1929-0128; 1929-0136.
- 48) Mustafa, Z. Nasreen, R. Ahmad Shah, F. (2013). Children's Understanding of TV Advertising: A Study of the Children in Delhi and NCR. *International Journal Of Research In Commerce & Management*, Volume 4 (3), pages (61-65). ISSN 0976-2183.
- 49) John, S. (2013). Health Insurance Structure in India – Current Practices and Challenges. *International Journal of Research in Computer Application & Management*, Volume 3 (2), pages (86-88); ISSN 2231 - 1009
- 50) Raychaudhuri, P.S., R Farooqi. (2013). A Study on the Effects of Dimensions of Service Quality on Customer Satisfaction in the Indian IT Hardware Industry with Special Emphasis on Medium Size B2B Sector. *Global Business Review*, Volume 14 (3), (507-527); ISSN: 0972-1509. DOI: 10.1177/0972150913496883.
- 51) Nisa S, Junaid AB (2013), "EHBH Pvt. Ltd – a step towards creation of a unique business model", *Emerald Emerging Markets Case studies*. Volume 3 (6), pages (1-14). ISSN:2045-0621.
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- 72) Raychaudhuri, P.S. (2014). Challenging the Female Stereotypes in Indian Television Advertisements: The Women Consumer’s Perspective. *Indian Journal of Marketing* , Vol. 44 (5), pages(30-43); ISSN – 0973-8703
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- 76) John, S., Firdausi, A. A (2014). Managing conflicting Roles: Experiences of Indian Working Women. *Integral Review: A Journal of Management*. Volume 7 (1), pages (9-24). ISSN: 0974-8032 (print), 2278-6120 (online).

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- 84) Ravichandran N. (2015). Diversification: economies of scale of HR & Healthcare indent for benchmarking. International Journal of Healthcare management. Volume 8 (3), pages (187-193). ISSN: 2047-9700. DOI:10.1179/204797915Y.0000000006

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- 85) Nisa, S (2015). Inter-Firm Differences in the Sustainability Business Model: A Study on Select Firms from Agri-Food and IT Companies. The IUP Journal of Business Strategy, Volume 12, No. 4, pages 35-55. ISSN: 0972-9259.
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Citation and h-index: (Google Scholar Data)

	Name of the Faculty	Citations	h-index	i10index
1.	Dr N Ravichandran	54	4	1
2.	Dr N H Mullick	5	1	0
3.	Dr Reshma Nasreen	23	3	0
4.	Dr Sadaf Siraj	6	2	0
5	Dr Sayeedun Nisa	27	2	1
6	Dr P.S.Raychaudhuri	6	2	0

- SNIP
- SJR

S.No.	Journal Name	SNIP	SJR	IPP
1.	Global Business Review	0.759	0.211	0.459
2.	Indian Journal of Marketing	0.147	0.187	0.029

	3.	International journal of pharmacy & Technology	0.216	0.157	0.197
		<ul style="list-style-type: none"> ▪ Impact Factor – range/average ▪ h-index 			
23.	Details of patents and income generated:		Nil		
24.	Areas of consultancy and income generated:		Nil		
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:		Nil		
26.	Faculty serving in:				
	(xiii) National committees: None				
	(xiv) International committees: None				
	(xv) Editorial Boards of journals				
	Dr. Syeedun Nisa	Associate Editor	Mag-e: International Journal of Management Science Review, Infotrack Publishers, ISSN: 2249-6718		
		Editorial Board Member	Business Perspectives and Research, Sage Publications		
			International Journal of Environmental Planning and Management, American Institute of Science.		
	Dr. Sadaf Siraj	Associate Editor	Mag-e: International Journal of Management Science Review, Infotrack Publishers, ISSN: 2249-6718		
		Editorial Board Member	American Journal of Social Science Research, American Institute of Science.		
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):				
	Name of faculty member	Title of programme	Institution where attended	Duration (dates)	
	Dr. P.S. Ray Chaudhury	a) 3 week special summer school	UGC-ASC, JMI	16.5.2014 to 05.06.2014	
		b) 3 week special winter school	UGC-ASC, JMI	17.12.2014 to 08.01.2015	
	Dr Sadaf Siraj Dr. Syeedun nisa	4 week Orientation Program	UGC Human Resource Development Centre- JMI	11.11.2014 to 08.12.2014	
		4 week Orientation Program	UGC Human Resource Development Centre- JMI	11.11.2014 to 08.12.2014	

	Nooria Farooqui	4 week Orientation Program	UGC Human Resource Development Centre- JMI	11.11.2014 to 08.12.2014
	Dr. Nudrat Moini	4 week Orientation Program	UGC Human Resource Development Centre- JMI	3.11.2015 to 03.12.15
28.	Student projects:		<ul style="list-style-type: none"> • percentage of students who have done in-house projects including inter-departmental projects <li style="padding-left: 20px;">5% • percentage of students who have done projects in other Universities/Institutions <li style="padding-left: 20px;">95% 	
29.	Awards /recognitions received at the national and international level by:		None	
30.	Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:			
Serial No.	Title Seminars/ Conferences/ Workshops	Dates	No. of Participants	Outstanding participants (keynote, speakers, eminent scientist/academicians)
Conferences				
1.	International conference on Business, Social Responsibility and Transformation: Indian & International Perspective, in collaboration with FICCI	8 & 9 February, 2013	27	Prof. CV Baxi, Former Director, MDI, Gurgaon Mrs. Reva Nayyar, Ias (Retd.), Chairperson, Essel Social Welfare Foundation Dr. Ajay Singh, Dean, IMT, India
Workshops				
1.	Workshop on ICT organized for grade 4 employees at Jamia Hamdard in collaboration with IGNOU (Co-ordinator-Ms Noria Farooqui)	November 2012-March 2013	212	
Seminars				
1.	Conduit 2011- Advertising Scaling New Peaks	March 5, 2011	120	

	2.	Seminar on International Business & Foreign Trade Policy	5 & 6 November, 2015	60	Prof. Attam Parkash Ex. Prof. IIFT,MC (IMI), Harvard Business School, USA		
31.	Code of ethics for research followed by the departments:		Strict plagiarism norms followed at every stage during the research process.				
32.	Student profile programme-wise:						
	Name of the Programme (refer to question/point 4)	Year	Applications received	Selected		Pass percentage	
				Male	Female	Male	Fema
	MBA (General)	2011	156	119	37	99%	99%
	MBA- Health Care Mgt		47	17	30	99%	99%
	MBA- Pharmaceutical Mgt		33	22	11	99%	99%
	MBA (General)	2012	120	77	43	99%	99%
	MBA- Health Care Mgt		45	20	25	99%	99%
	MBA- Pharmaceutical Mgt		52	29	23	99%	99%
	MBA (General)	2013	123	95	28	99%	99%
	MBA- Health Care Mgt		36	10	26	99%	99%
	MBA- Pharmaceutical Mgt		29	20	09	99%	99%
	MBA (General)	2014	125	87	38	99%	99%
	MBA- Health Care Mgt		33	08	25	99%	99%
	MBA- Pharmaceutical Mgt		14	12	02	99%	99%
	MBA (General)	2015	113	68	45	99%	99%
	MBA- Health Care Mgt		28	09	19	99%	99%
	MBA- Pharmaceutical Mgt		12	10	02	99%	99%
	Details of PH D Scholars						
	Ph.D.	2010			11		
		2011			4		
		2012			-		
		2013			16		
		2014			-		
		2015			5		
	Total				36		

33.	Diversity of students:																							
	Name of the Programme (refer to question/point no. 4)	Year	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries																		
	MBA (General)	2011	2.5	20.1	73.6	3.8																		
	MBA- Health Care Mgt		9	14	33	0																		
	MBA Pharmaceutical Mgt		3	7	26	2																		
	MBA (General)	2012	1	29	87	6																		
	MBA- Health Care Mgt		9	11	34	0																		
	MBA-Pharmaceutical Mgt		4	9	44	0																		
	MBA (General)	2013	2	34	89	7																		
	MBA- Health Care Mgt		5	12	24	0																		
	MBA-Pharmaceutical Mgt		10	8	21	0																		
	MBA (General)	2014	0	39	83	3																		
	MBA- Health Care Mgt		11	19	13	0																		
	MBA-Pharmaceutical Mgt		1	3	11	0																		
	MBA (General)	2015	4			8																		
	MBA- Health Care Mgt		7			1																		
	MBA Pharmaceutical Mgt																							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Name of the Programme</th> <th style="width: 15%;">Year</th> <th style="width: 20%;">% of students from the same university</th> <th style="width: 20%;">% of students from other universities (MoU)</th> <th style="width: 20%;">% of student from other countries</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Ph.D.</td> <td style="text-align: center;">2011-2015</td> <td style="text-align: center;">19</td> <td style="text-align: center;">73</td> <td style="text-align: center;">8</td> </tr> </tbody> </table>					Name of the Programme	Year	% of students from the same university	% of students from other universities (MoU)	% of student from other countries	Ph.D.	2011-2015	19	73	8									
Name of the Programme	Year	% of students from the same university	% of students from other universities (MoU)	% of student from other countries																				
Ph.D.	2011-2015	19	73	8																				
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	<p style="text-align: center;">NET-JRF</p> <ol style="list-style-type: none"> 1. Akhter Ali 2. Faheem Ahmed 3. Mohd Danish Chishti 4. Jwaad Akhter 																						
35.	Student progression:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Student Progression</th> <th style="width: 50%;">Percentage against enrolled</th> </tr> </thead> <tbody> <tr> <td>UG to PG</td> <td style="text-align: center;">None</td> </tr> <tr> <td>PG to M.Phil.</td> <td style="text-align: center;">None</td> </tr> <tr> <td>PG to Ph.D.</td> <td style="text-align: center;">01%</td> </tr> <tr> <td>Ph.D. to Postdoctoral</td> <td style="text-align: center;">None</td> </tr> <tr> <td>Employed</td> <td style="text-align: center;">40%</td> </tr> <tr> <td>• Campus selection</td> <td style="text-align: center;">35%</td> </tr> <tr> <td>• Other than campus recruitment</td> <td></td> </tr> <tr> <td>Entrepreneurs</td> <td style="text-align: center;">05%</td> </tr> </tbody> </table>					Student Progression	Percentage against enrolled	UG to PG	None	PG to M.Phil.	None	PG to Ph.D.	01%	Ph.D. to Postdoctoral	None	Employed	40%	• Campus selection	35%	• Other than campus recruitment		Entrepreneurs	05%
Student Progression	Percentage against enrolled																							
UG to PG	None																							
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PG to Ph.D.	01%																							
Ph.D. to Postdoctoral	None																							
Employed	40%																							
• Campus selection	35%																							
• Other than campus recruitment																								
Entrepreneurs	05%																							

36.	Diversity of staff:	Percentage of faculty who are graduates	MBA	Ph.D.
		Of the same University	17	12.5
		From other universities within the state	12.5	17
		From universities other States	17	24
		From universities outside the country	none	none
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	6		
38.	Present details of departmental infrastructural facilities with regard to	<p>e) Library: No Departmental Library. The central library has all the necessary resources and facilities and it is located within the campus.</p> <p>f) Internet facilities for staff and students Jamia Hamdard has facilitated in providing internet access through 1 GB fiber Optic cables as well as Wifi throughout the campus. All the classrooms, hostels and the entire campus has internet connectivity which has strengthened the academic and research activities of the Department.</p> <p>g) Total number of class rooms : 15 h) Class rooms with ICT facility : 15 i) Students' laboratories : none j) Research laboratories : none</p>		
39.	List of doctoral, post-doctoral students and Research Associates:	(ii) from the host institution/university		
		Ph.D. Scholars	Supervisor	
		1. Omar Salem Bashehab	Prof. Sangamitra Bodhpriya	
		2. Richa Arora	Prof. Ravikesh Srivastava	
		3. Suman Yadav	Dr Sadaf Siraj	
		4. Sapna Taneja	Prof. Ravikesh Srivastava	
		5. Abdul Razak Amer Adnan	Prof. A. A. Firdausi	
		6. Iffat Naseem	Dr. N. Ravichandran	
		7. Poonam	Prof. Kanhya Singh	
		8. Renu Mishra	Dr. N. Ravichandran	
		9. Sanjay Chandwani	Dr. N. Ravichandran	
		10. Anindita Battacharya	Prof. Chawla	
		11. Abdullah	Dr Sadaf Siraj	
		12. Smriti Chawla	Prof. A. A. Firdausi	
		13. Yukti Sharma	Dr. Reshma Nasreen	
		14. Rubeena Bano	Prof. A. A. Firdausi	
		15. Chander Shekhar		

		Pasricha	
		16. Vivek Kumar	Dr. N. Ravichandran
		17. Faheem Ahmed	Dr. Reshma Nasreen
		18. Kirti Singh Dahiya	Prof. DK Batra
		19. Mohd Danish Chishti	Dr. Reshma Nasreen
		20. Jwaad Akhter	Prof. Kanhya Singh
		21. Mir Shahid Satar	Dr Shibu John
		22. Aiju S.	Dr Shibu John
		23. Priyanka Indoria	Prof. A. A. Firdausi
		24. Sonali Agrawal	Dr Chand Tandon
		25. Parveen Kaur	
		26. Rashmi Taneja	Dr DK Batra
		27. Atefeh Keshani	
		28. Md. Shahnawaz Abdin	Dr NH Mallick
		29. Nooria Farooqui	Dr NH Mallick
		30. Sana Beg	Dr NH Mallick
		31. Syed Nadim Ul Haque	Dr NH Mallick
		32. Mansoor Ahmad	
		33. Kanishka Sethi	
		34. Yuvika Sumbly	
		35. Hitesha Thakur	
		36. Vaishali Deshmukh	
40.	Number of post graduate students getting financial assistance from the university:	Nil	
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	NA	
42.	Does the department obtain feedback from:	<p>a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes, the feedback is discussed in the faculty meeting and also during one to one interaction with the faculty, HOD and Dean to enhance the effectiveness of the curriculum used and identification of deficiencies and incorporate measures to rectify them.</p> <p>b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes, the feedback from students PG program is later discussed with the concerned faculty so that he/she could revisit the teaching approach, style and methods adopted to further enhance the teaching and learning process.</p> <p>c) Alumni and employers on the programmes offered and how does the department utilize the feedback? Yes, After the feedback is gathered from the employers during campus</p>	

		placements as well as with the Alumni through various touch points like Alumni Meet and guests lectures etc, This becomes instrumental in enriching and enhancing the curriculum further based on the industry requirements and making the students more industry and job ready																																	
43.	List the distinguished alumni of the department (maximum 10):	<p>Distinguished Alumni</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Course , Batch</th> <th>Present position and affiliation</th> </tr> </thead> <tbody> <tr> <td>Asad Habib</td> <td>MBA, 2002-04</td> <td>Manager, TYCO Dubai</td> </tr> <tr> <td>Adnan Ahmad</td> <td>MBA, 2004-06</td> <td>Advisor SAP India Pvt Ltd, Gurgaon</td> </tr> <tr> <td>Salman Siddiqui</td> <td>MBA, 2000-02</td> <td>Channel Dev Mgr, Microsoft ,Dubai</td> </tr> <tr> <td>Junaid Hadi Khan</td> <td>MBA, 2003-05</td> <td>GM (BD) Allanasons, New Delhi</td> </tr> <tr> <td>Farooq Jameel</td> <td>MBA, 2002-04</td> <td>Manager, Dubai Electricity and Water Authority, Dubai</td> </tr> <tr> <td>Syed Adeel Ahmad</td> <td>MBA, 2003-05</td> <td>DGM, Corporate HR,SRF Limited, Gurgaon</td> </tr> <tr> <td>Sameer Siddiqui</td> <td>MBA, 2003-05</td> <td>DGM, Marketing, SRF Limited, Gurgaon</td> </tr> <tr> <td>Dr Bhavna Gulati</td> <td>MBA,(HM) 2005-07</td> <td>Deputy Director Quality Council of India, New Delhi</td> </tr> <tr> <td>Firoz Khan Suri</td> <td>MBA,(PM) 2005-07</td> <td>Senior Manager-Ranbaxy Labs, Gurgaon</td> </tr> <tr> <td>Mohd. Rehan Siddiqui</td> <td>MBA, 2000-02</td> <td>Manager, Yamaha Music India, Delhi</td> </tr> </tbody> </table>	Name	Course , Batch	Present position and affiliation	Asad Habib	MBA, 2002-04	Manager, TYCO Dubai	Adnan Ahmad	MBA, 2004-06	Advisor SAP India Pvt Ltd, Gurgaon	Salman Siddiqui	MBA, 2000-02	Channel Dev Mgr, Microsoft ,Dubai	Junaid Hadi Khan	MBA, 2003-05	GM (BD) Allanasons, New Delhi	Farooq Jameel	MBA, 2002-04	Manager, Dubai Electricity and Water Authority, Dubai	Syed Adeel Ahmad	MBA, 2003-05	DGM, Corporate HR,SRF Limited, Gurgaon	Sameer Siddiqui	MBA, 2003-05	DGM, Marketing, SRF Limited, Gurgaon	Dr Bhavna Gulati	MBA,(HM) 2005-07	Deputy Director Quality Council of India, New Delhi	Firoz Khan Suri	MBA,(PM) 2005-07	Senior Manager-Ranbaxy Labs, Gurgaon	Mohd. Rehan Siddiqui	MBA, 2000-02	Manager, Yamaha Music India, Delhi
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Firoz Khan Suri	MBA,(PM) 2005-07	Senior Manager-Ranbaxy Labs, Gurgaon																																	
Mohd. Rehan Siddiqui	MBA, 2000-02	Manager, Yamaha Music India, Delhi																																	
44.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	<ol style="list-style-type: none"> 1. Research seminars and paper presentations 2. Skill Enhancement Workshop for MBA students 3. Workshop for MBA (International Business) students. 4. Special Training on Excel to MBA (Finance) students 5. Training on Entrepreneurship by MSME. 																																	
45.	List the teaching methods adopted by the faculty for different programmes.:	<p>Teaching Methods Classroom lectures, Case studies discussions, Guest Lectures Live Projects, Industrial Visits- NSIC etc Presentations as well as field and practical studies and orientations Visit to Exhibitions</p> <p>Teaching aids used Board Over head Projection LCD Projection Audio Visual Aids Videos etc</p>																																	

46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	<p>Continuous monitoring and evaluation of the students is undertaken during the Semesters through weekly tests, quizzes etc to gauge the understanding of the student and attempts are made to improve the learning outcomes.</p> <p>Organization of Guest lectures, seminars and workshops</p>
47.	Highlight the participation of students and faculty in extension activities:	<p>Efforts are taken to integrate academic and research activities of the student. The students are encouraged to utilize the knowledge in their field and project based activities like:</p> <p>Seminars Summer Training Dissertation</p>
48.	Give details of “beyond syllabus scholarly activities” of the department:	<p>The department encourages students and the faculty members to participate in various national and international conferences to present their work. Various seminars and discussions are also conducted by the department to expose them of the developments taking place in the environment to enhance their exposure.</p>
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details:	
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied:	<p>The faculty members have developed a number of case studies after interaction with the industry and have got it published in journals of repute (Emerald). They also have used these cases developed by them in their regular MBA classes.</p>
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:	<p>a. Strengths</p> <ol style="list-style-type: none"> 1. Location: located in a prime area of South Delhi 2. Infrastructure: well laid out and spacious campus and building infrastructure. 3. Faculty: well-qualified and experienced faculty with Industry experience. 4. Curriculum: offering variety of industry relevant elective papers in different streams of specialization. 5. Brand strength: Reputed University Stature. <p>b. Weaknesses</p> <ol style="list-style-type: none"> 1. Paucity of budget in National and International Seminars. 2. Paucity of hostel facilities for students 3. Shortage of support and administrative staff. 4. Lack of dedicated, round-the-year advertisement/ promotion activities. <p>c. Opportunities</p> <ol style="list-style-type: none"> 1. Scope of introducing more sectorial specializations in line with market

		<p>requirements</p> <ol style="list-style-type: none"> 2. More industry oriented courses with hands-on skill development and managerial guidance 3. Broadening of the catchment areas 4. Generic growth: Increasing requirement of management professionals due to growth in business sector and also due to govt. initiatives like “Make in India” 5. Emergence of Healthcare as a growing sector with lots of potential. <p>d. Challenges</p> <ol style="list-style-type: none"> 1. Developing more connectivity with industry contacts for MDPs 2. Developing more consultancy and research projects from industries.
52.	Future plans of the department:	<p>To become more research oriented and enhance the connect & interaction with the industry.</p> <p>Further development of interdisciplinary collaborations</p> <p>Introduction of more specialized and industry oriented domains and verticals</p> <p>Undertaking consultancy projects and organizing MDPs</p>

School of Unani Medicine **(Formerly Faculty of Medicine (Unani))**

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	AMRAZ-E- NISWAN QABALAT WA ATFAL (GYNAECOLOGY, OBSTETRICS & PEDIATRICS)				
2.	Year of establishment:	1989				
3.	Is the Department part of a School/Faculty of the university?	Yes, Faculty of Medicine (U)				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	UG (B.U.M.S)				
5.	Interdisciplinary programmes and departments involved:	Collaborative Clinical teaching & Practical training with HIMSR & HAHCH. (D/o Gynae and OBG, Microbiology, Histopathology)				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA				
7.	Details of programmes discontinued, if any, with reasons:	NA				
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Annual				
9.	Participation of the department in the courses offered by other departments:	NA				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor				
		Associate Professors		01	01	
		Assistant Professors	02	03	03	
Others						
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Dr.Suhail Fahti ma	PGDHR** M.D.* BUMS	Associate Professor/ Head	Gynaecology, Obstetrics & Paediatrics	28	NA(UG department)

	Dr.Hamid a Aaqil	M.D, B.U.M.S.	Asst. Professors	Gynaecology ,Obstetrics & Paediatrics	30																				
	Dr. Jahanara	PGDHR B.I.M.S.	Asst. Professors	Gynaecology ,Obstetrics & Paediatrics	07 *+ 22= 29																				
	Dr.Uzma Bano	M.D,B.U. M.S	Lecturer	Gynaecology ,Obstetrics & Paediatrics	5&1/2 *mont h +20 = 20																				
<p>Note: Dr Jahanara has joined here as clinical registrar in 1986 as regular and permanent employee and transferred to teaching in this department in Jan 2009 Dr Uzma Bano has joined here as clinical registrar in 1995 on adhoc basis and in 2005 as regular & permanent employee and transferred to teaching in this department in October 2015.</p>																									
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	NA																							
13.	Percentage of classes taken by temporary faculty – programme-wise information:	NA																							
14.	Programme-wise Student Teacher Ratio:	For BUMS UG Programme: 6.5:1																							
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	<table border="1"> <thead> <tr> <th>Designation</th> <th>Sanctioned</th> <th>Filled/actual</th> </tr> </thead> <tbody> <tr> <td>Technical Assistant</td> <td></td> <td></td> </tr> <tr> <td>Senior Lab Assistant</td> <td></td> <td></td> </tr> <tr> <td>Assistant</td> <td></td> <td></td> </tr> <tr> <td>Lab Attendant</td> <td></td> <td></td> </tr> <tr> <td>Office Attendant (in the above said department)</td> <td align="center">01</td> <td align="center">01</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Designation	Sanctioned	Filled/actual	Technical Assistant			Senior Lab Assistant			Assistant			Lab Attendant			Office Attendant (in the above said department)	01	01			
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Technical Assistant																									
Senior Lab Assistant																									
Assistant																									
Lab Attendant																									
Office Attendant (in the above said department)	01	01																							
16.	Research thrust areas as recognized by major funding agencies:	<ul style="list-style-type: none"> i. Reproductive and Child Health (AYUSH) ii. Maternal and Child Health (AYUSH) iii. Sexually Transmitting Diseases. iv. Screening and management of Cervical Cancers v. Management of Lower Genital Tract Infection and Prevention of PID vi. Osteo Arthritis 																							
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: Nil																								
	Name of the	Title of the Ongoing project	National/Internation	Grant																					

	faculty		al funding agencies/Tenure	received
18.	Inter-institutional collaborative projects and associated grants received:	Nil		
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years): Nil	Funding agency	Project title, if any	Grant received
20.	Research facility/Centre with:	Clinics (OPD and IPD) facility is available for clinical and evidence based research		
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	Nil		
22.	Publications: (last 5 years):			
	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): • Monographs • Chapters in Books: • Edited Books • Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers) <p>Publications: Total Publications 09 INTERNATIONAL 2015</p> <ol style="list-style-type: none"> 1. Uzma Bano , Akhtar Siddiqui.Azher Jabin,Faseeh uzzaman, Asrar Ahmad, Shafia Mushtaq (2015)” “Concept of prolapsed Inter vertebral disc (Hadba) and its management in Unani Medicine. <i>Indo American Journal of Pharmaceutical Research</i>, ISSN: 2231-6876 Vol 5,Issue 2. Uzma Bano , Azher Jabin , Asrar Ahmad ,Akhtar Siddiqui.(2015),”Therapeutic Uses of Vitex negundu”<i>World journal of Pharmaceutical Research</i> Vol 4 ,Issue 12,589-606 ISSN 2277-7105, IF: 5.990.ICV: 6.21 <p>National: 2014</p> <ol style="list-style-type: none"> 3. Suhail Fatima, Nasir Ali Khan, Binish Khan. (2014) “Noise Pollution” RNI No 67691/97, N.E.S.A <i>National Environmental Science Academy</i>, NES A Newsletter. New Delhi. vol. 17 			

	<p>Issue -2</p> <p>2013</p> <p>4. Suhail Fatima, (2013) “Some Facts about Embryology in the light of Al Quran “<i>Sada-e-Hadi</i>”, in Annual Magazine ,Aligarh Muslim University P 55-57.</p> <p>2012</p> <p>5. Suhail Fatima, Nasir Ali Khan (2012) “Access to Health Care to All with Special Reference to Common Cancers of Women –A Health Rights Based Approach “ in Proceedings of UGC Sponsored conference on <i>Science. Ethics and Human’s Rights</i>, held on 10.-11. Feb 2011,PP 288-305</p> <p>6. Nasir Ali Khan, Suhail Fatima, (2012)“A Study on Preparedness on Natural Disasters Through a Planned Programme on Safety in Schools -A Child Rights Based Approach” “ in Proceedings of UGC Sponsored conference on <i>Science. Ethics and Human’s Rights</i>, held on 10.-11. Feb 2011,PP 288-305</p> <p>7. Jahanara, Suhail Fatima, Shehla nazeer,Zehra Zaidi (2012)“ Climate Change and Human Rights, “ in Proceedings of UGC Sponsored conference on <i>Science. Ethics and Human’s Rights</i>, held on 10.-11. Feb 2011. PP 16-17</p> <p>8. Hamida Aaqil, (2012)“ ”Post-Partum Hemorrhage Jiryanuddum Bad Viladat” “<i>Souvenir Ajmal</i>”2011-12.Proceedings of International conference on Unani Pathy & Complementary Medicine in its Prime, PP 27-32</p> <p>2011</p> <p>9. Suhail Fatima, Nasir Ali Khan“ Gul e Dhawa A Beautiful Flower-An Important Medicinal Flower”in <i>Indian Journal of Unani Medicine</i> Volume IV Issue 1. Jan-June 2011.PP 45-48</p>
23.	<p>Details of patents and income generated: NA</p>
24.	<p>Areas of consultancy and income generated: NA</p>
25.	<p>Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad: From Faculty Desk</p>
26.	<p>Faculty serving in:</p> <ul style="list-style-type: none"> a. National committees: b. International committees c. Editorial Boards of journals d. any other (please specify) <p style="text-align: center;">(a) National committees</p> <p>Dr Suhail Fatima</p> <p style="text-align: center;">Administrative (Department Head)</p> <ul style="list-style-type: none"> e. Expert member for Protocol approval for Research Projects (Clinical)

	<p>(D/O AYUSH, M/O Health and Family Welfare, Government of India),</p> <p>(b). Expert Member of Syllabus reformation and Revision (CCIM, D/O AYUSH, M/O Health and Family Welfare, Government of India)</p> <p>(d) Life time member for National Environmental Science Academy (NESA)</p> <p>(e). Life time membership for Unani Tibbi Conference</p> <p>(f). Life time membership for Society of Midwives</p> <p>(g). Member of Ethical committee for clinical trials</p> <p>(h) Member Admission Committee</p> <p>(i). Anti-Harassment Committee for Women of the University</p> <p>(j) Anti Ragging Committee</p> <p>(k) Subject Expert Member for Selection Committee for Professor/Associate Professor/Assistant Professor/Clinical Registrar (Bhopal, MP ,Delhi Administration , Shahuji Maharaj University)</p> <p>(l). Member of Faculty committee</p> <p>(m). Member of Academic Council committee</p> <p>(n) Member of Board of Studies</p> <p>(o). University core committee (Cultural and Literary Events)</p> <p>(p) University core committee (Sports Events)</p> <p>Dr Uzma Bano</p> <p>f. Anti-Ragging Committee</p> <p>g. Discipline Committee (Delhi Bhartiya Chikitsa Prishad, GODelhi, NCT)</p> <p>h. Member Admission Committee</p> <p>Dr Hamida Aquil</p> <p>(a) Co Opted Member BOS(AKT colleg)</p> <p>(b) Member for Unani Medicine purchase for MCD Dispensary</p> <p>(c) Expert Member of Syllabus reformation and Revision (CCIM, D/O AYUSH, M/O Health and Family Welfare, Government of India)</p> <p>(d) Life time membership for Unani Tibbi Conference</p> <p>(e) Member of Ethical committee for clinical trials</p> <p>(f) Life time member for Breast Feeding Promotion Network of India (BPNI)</p> <p>(g) Life time member for National Science Academy (Chenni)</p>								
<p>27.</p>	<p>Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs): <u>TRAINING COURSEON ENTREPRENEURSHIP CUM SKILL DEVELOPMENT 2011</u></p> <table border="1" data-bbox="349 1428 1513 1932"> <thead> <tr> <th data-bbox="349 1428 597 1501">Name of faculty member</th> <th data-bbox="597 1428 933 1501">Title of programme</th> <th data-bbox="933 1428 1209 1501">Institution where attended</th> <th data-bbox="1209 1428 1513 1501">Duration (dates)</th> </tr> </thead> <tbody> <tr> <td data-bbox="349 1501 597 1932"> <p>Dr Suhail Fatima Training and Skills Programme</p> <p>SYLLABUS WORKSHOP FOR CURRICULAM AND SYLLABUS</p> </td> <td data-bbox="597 1501 933 1932"> <p>1. Entrepreneurship cum skill development. A program on biotechnology on “Micro, Small and Medium Enterprises (MSME)”</p> </td> <td data-bbox="933 1501 1209 1932"> <p>Conducted by MSME Development Institute, Okhla, N. Delhi, Ministry of Micro, Small and Medium Enterprises, Government of India ,conducted at Faculty of Science, Jamia Hamdard</p> </td> <td data-bbox="1209 1501 1513 1932"> <p>Six weeks 10.01.2011 to 21.02.2011</p> </td> </tr> </tbody> </table>	Name of faculty member	Title of programme	Institution where attended	Duration (dates)	<p>Dr Suhail Fatima Training and Skills Programme</p> <p>SYLLABUS WORKSHOP FOR CURRICULAM AND SYLLABUS</p>	<p>1. Entrepreneurship cum skill development. A program on biotechnology on “Micro, Small and Medium Enterprises (MSME)”</p>	<p>Conducted by MSME Development Institute, Okhla, N. Delhi, Ministry of Micro, Small and Medium Enterprises, Government of India ,conducted at Faculty of Science, Jamia Hamdard</p>	<p>Six weeks 10.01.2011 to 21.02.2011</p>
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DEVELOPMENT				
		2“Regional workshop on Reforms in Unani Education (Dr Uzma+ Dr Suhail)	Sponsored and organized by CCIM ,at Jamia Hamdard University convention center	26-27 Oct 2015 16,17 Dec2014
		3.Syllabus revision and reformation of curriculum training module for BUMS in Ilmul Atfal	Sponsored and organized by CCIM, Govt. of India at Bhopal	29.Oct 2014
Dr Suhail Fatima+ Dr Hamida Aaqil+ Dr Jahanara+ Dr Uzma Bano		4.Syllabus revision and reformation of curriculum training module for BUMS in Amraz e Niswan ,Qabalat waIlmul Atfal	Sponsored and organized by CCIM, Govt. of India at Janak Puri	16-17 May 2014 29.Oct 2014
Dr Suhail Fatima+ Dr Hamida Aaqil+ Dr Jahanara+ Dr Uzma Bano		5.Syllabus revision and reformation of curriculum training module for BUMS in Ilmul Atfal	Sponsored and organized by CCIM, Govt. of India at Janak Puri	on 17 th October 2015, 2015.at HCC (Credit hrs: 5 Hours 10 minutes)
		6.Syllabus revision and reformation of curriculum training module for BUMS in Amraz e Niswan ,Qabalat waIlmul Atfal	Sponsored and organized by CCIM, Govt. of India at Janak Puri	
Dr Suhail Fatima+ Dr Hamida Aaqil+ Dr Jahanara+ Dr Uzma		7..CME Cum Work shop on “Contraception Update and PPIUCD Insertion Technique” under the aegi of Association of Obstertricians and Gynaecologist of Delhi (AOGD), Accredited by Delhi Medicial Council for New Dehli	organised by Department of Obstetrics and Gynecology,Hamdar d Institute of Medical Sciences and Research ,Jamia Hamdard	on 7 th March, 2015.at HCC (Credit hrs: 5 Hours 10 minutes)
		8.CME Cum Workshop on “ <i>Diagnosis and Management of Cervical Intraepithelial Lesions</i> ” under the aegi of Indian	organised by Department of Obstetrics and Gynecology,Hamdar d Institute of Medical Sciences and Research ,Jamia	14 th March, 2014.at HIMSR Auditorium (Credits : 4 Hours and 45 Minutes)

		<p>Society of Colposcopy and Cervical Pathology (ISCCP), Accredited by Delhi Medical Council for New Dehli</p> <p>9.CME Cum Workshop on “<i>Post-Partum Contraception : A way to meet the Unmet need</i>”</p>	<p>Hamdard</p> <p>organised by Department of Obstetrics and Gynecology, Hamdard Institute of Medical Sciences and Research, Jamia Hamdard and Integrated District Health Society, South East District, Saket, Accredited by Delhi Medical Council for New Dehli</p>		
28.	Student projects:	<p>UG department (Clinical and practical training from Jamia Hamdard, HIMSR and HAHCH, Headgwar Hospital and LBS)</p>			
29.	Awards /recognitions received at the national and international level by:	<p>• Faculty</p> <p>Dr Suhail Fatima 2013</p> <p>(1) Biographical notes published in <i>ASIAN ADMIRABLE ACHIEVERS-VOL VII</i>’ edited and compiled by DR RAVI BHUSHAN, 2nd Volume published by Rifacimento International, IInd Floor, 4384/4A, Tulsidas Street, Ansari Road, Daryaganj, Delhi 110002, PP 173</p> <p>(2) Biographical notes published (2011) in <i>REFERENCE ASIA: ASIA’S WHO’S WHO OF MEN AND WOMEN OF ACHIEVEMENTS</i>’ edited and compiled by DR RAVI BHUSHAN, 2nd Volume published by Rifacimento International, IInd Floor, 4384/4A, Tulsidas Street, Ansari Road, Daryaganj, Delhi 110002, PP 355</p> <p>Dr Hamida Aqil: Nominated as President of the National Unit of Women cell by Hakeem Ajmal Khan Memorial Society (2013)</p> <p>Dr Uzma Bano Nominated as member of Dicipinary Committee by Government of NCT Delhi (2013)</p>			
30.	<p>Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:</p>				
	Serial No.	Title Seminars/ Conferences/ Workshops	Dates	No. of Participants	Outstanding participants (keynote, speakers, eminent scientist/a cademicians)
	<p>I. ORGANISED WORKSHOP</p> <p>2015</p>				

	<ol style="list-style-type: none"> 1. As Organizing Chairman: Conducted a Continuing Medical Education(CME) cum Practical hands on training Workshop for teaching faculty and Students of Faculty of Medicine) on “Electronic Foetal Monitoring (EFM)” on 3rd October, 2015 conducted by Department of Gynecology Obstetrics and Pediatrics at PSM Seminar hall, 2nd floor, faculty of Medicine (U) 2. As Organizing Chairman: Conducted a Continuing Medical Education(CME) cum Practical hands on training Workshop for teaching faculty and Students of Faculty of Medicine) on “Neonatal Resuscitation” on 3rd October, 2015 conducted by Department of Gynecology Obstetrics and Pediatrics at PSM Seminar hall, 2nd floor, faculty of Medicine (U) 3. Organized a free hand on training on “IAP-NNF Neonatal Resuscitation program first Golden Minute Project” for practicing doctors and interns on 9.8.2015 August, at HIMSAR & HAHC Hospital. Trainers: 2012 4. Conducted a workshop(Live Demonstration by students of Faculty of Medicine and Nursing) on “Method of Transportation of casualty & Triage management during any disaster- A step to reduce risks of disaster with least impact ”on the occasion of celebration of“Disaster Management & Vigilance Awareness Week” on 27.12.2012 at Hamdard Public School auditorium, Talimabad ,New Delhi <p>II. <u>ORGANIZED FREE HEALTH CHECKUP AND TREATMENT CAMPS (As Organizer): Total 12</u></p> <p>2014 Two “Free Health Checkup and Treatment Camps” which were conducted for refugees and Victims of Riots. One at Village TAODI -7 Biswa, Tehseel Modinagar UP where approximately 40 families were given treatment (Apx 400 patients) on 11.01.2014. The second camp was conducted on 12.01.2014 at Village Balwa, Khatoali, Muzaffar Nagar. UP where 60 families were given the treatment</p> <p>2013</p> <ul style="list-style-type: none"> • Free Health Checkup and Treatment Camp was organized by Dept of Gynae Obs and D/o moalejat under chairman ship of Dr Syed Mahtab Ali, Honorable Vice Chancellor, Janab G.N.Qazi inaugurated the Camp, sponsored by Jamia Hamdard.at, Near LalkuanKhorī GaonFaridabad Haryana, Madarsa Hidayatul Islam on 24th Feb 2013. Apx 1300 • Free Health Checkup and Treatment Camp was organized by Dept of Gynae Obs and D/o moalejat under chairman ship of Dr Syed Mahtab Ali, Honorable Registrar Dr Firdaus A Wani inaugurated the Camp, sponsored by Jamia Hamdard.at, Near LalkuanKhorī GaonFaridabad Haryana, Madarsa Hidayatul Islam on 31st March 2013. 800 • 2011 • Free Health Checkup and Treatment Camp was organized on the occasion of Human Rights Day (10th Dec 2010) by Dept of Gynae Obs, D/o TST, Faculty of medicine(U) and Faculty of Nursing, in collaboration with CCRUM, Honorable Chancellor, Janab Syed Hamid inaugurated the Camp, sponsored by Jamia Hamdard and CCRUM at Hamdard Public School (Sangam Vihar) on 11th Dec 2011. • Vaccination Camp • A vaccination Camp was organized on the occasion of Children’s Day (14th Nov 2010), against Swine Flu (vaccine VAXIFLU – S) to Faculty of Medicine and Nursing staff and Students in collaboration with Zydus Vaxicare (Cadila Health Care Limited), executed at Faculty of Nursing for students and staff of Faculty of medicine and Faculty of Nursing. <p>2012</p> <ul style="list-style-type: none"> • Following Free Health and Unani Treatment Camps were organized by Department of Amraz-e- Niswan Qabalat wa Atfal ,Jamia Hamdard in Collaboration with “Bhartiya
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	<p>Socialist Republican Trust”</p> <ol style="list-style-type: none"> 1. On the occasion of “Int Cancer Day 4.02.2012 “05.02.2012 at Durga Puja Ground ,J.J. Colony, Madanpur Khadar, New Delhi 2. 08.01.2012 at Durga Puja Ground ,J.J.Colony, Madanpur Khadar, New Delhi <p>2011</p> <ol style="list-style-type: none"> 3. On the occasion of “UN’ International Human Rights Day”10.12.2011 at Durga Puja Ground ,J.J.Colony, Madanpur Khadar, New Delhi 4. On the occasion of “International Health Information and Technology Week “on 06.11.2011 at Vivek Sthali Public School,F2,Sangam Vihar, New Delhi 5. On the occasion of “UN’ International Disaster Reduction Day-12.10.2011” organized camp on 9.10.2011 at Vivek Sthali Public School,F2,Sangam Vihar, New Delhi 6. On the occasion of “International Health Day” 04.09.2011 at Vivek Sthali Public School,F2,Sangam Vihar, New Delhi. <p>III. HEALTH AWARENESS WALK/ DEMONSTRATION BY DRAMA SKIT :</p> <p>2011: On the occasion of UN International Disaster Reduction Day (12th Oct 2011) following events were organized by Dept of Gynae Obs in collaboration with National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India,</p> <ol style="list-style-type: none"> 1. A “Health Awareness Walk” on “Awareness, preparedness and Management of Disaster Risk Reduction” inaugurated by Honorable VC Dr GN Qazi started from Faculty of Medicine (U) to Hamdard Convention Centre. 2. Demonstration on Triage Management and Transportation of Casualty by Faculty of Medicine (U) and Nursing students. 3. <p>2011: On the occasion of International Human Rights Day (10th Dec 2011) following events were organized by Dept of Gynae Obs in collaboration with National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India,</p> <ol style="list-style-type: none"> 4. A “Health Awareness Walk” on “Health and women related rights” inaugurated by Honorable VC Dr GN Qazi started from Faculty of Medicine (U) to Hamdard Convention Centre. 5. Demonstration on Triage Management and Transportation of Casualty by Faculty of Medicine (U) and Nursing students. <p>IV. GUEST LECTURES ORGANISED</p> <ol style="list-style-type: none"> 1. On the occasion of UN International Disaster Reduction Day (12th Oct 2011) following events were organized by Dept of Gynae Obs in collaboration with National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India Guest speaker: Dr Prof Chandan Ghosh from NIDM on “Awareness, preparedness and Management of Disaster Risk Reduction” at Hamdard Convention Centre. 2. On the occasion of International Human Rights Day (10th Dec2011) was organized by Dept of Gynae Obs Guest speaker: Dr Jugal Kishore from MAMC on “Individual Rights in Relation to Health” at Hamdard Archives Centre. 																								
31.	Code of ethics for research followed by the departments:	NA																							
32.	Student profile programme-wise:	<table border="1"> <thead> <tr> <th rowspan="2">S.No .</th> <th rowspan="2">Name of the Programme</th> <th rowspan="2">Year</th> <th rowspan="2">Application Received</th> <th colspan="2">Admitted</th> <th rowspan="2">Pass Percentage (%)</th> </tr> <tr> <th>Male</th> <th>Female</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>2011-2012</td> <td>695</td> <td>25</td> <td>25</td> <td></td> </tr> <tr> <td></td> <td></td> <td>2012-</td> <td>1242</td> <td>14</td> <td>32</td> <td></td> </tr> </tbody> </table>	S.No .	Name of the Programme	Year	Application Received	Admitted		Pass Percentage (%)	Male	Female			2011-2012	695	25	25				2012-	1242	14	32	
S.No .	Name of the Programme	Year					Application Received	Admitted		Pass Percentage (%)															
			Male	Female																					
		2011-2012	695	25	25																				
		2012-	1242	14	32																				

				2013					
				2013-2014	1771	19	31		
				2014-2015	855	19	31		
				2015-2016	1228	19	31		
		Total			5791	78	150		
33.	Diversity of students: NA								
		Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries			
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	01(2011 selected in civil services) Afsar Ali, IRS 2010, deputy commissioner Excise and customs. Delhi					01		
35.	Student progression:	UG to PG: 20%							
		Student progression			Percentage against enrolled				
		UG to PG			10:1				
		PG to M.Phil.			NA				
		PG to Ph.D.			NA				
		Ph.D. to Post-Doctoral			NA				
		Employed			Campus selection-NA				
		<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 			Self-employment and clinics				
		Entrepreneurs			<ul style="list-style-type: none"> • Majority of pass-out students run their own Clinics/Health Centres/ pharmaceutical companies. • PG students have been selected as faculty members in various Unani Medical Colleges such as AMU, Delhi University, NIUM etc • PG students have been selected as Research Officers at Central Council for Research in Unani Medicine. 				
36.	Diversity of staff:	Percentage of faculty who are graduates							
		of the same university					100%		

		from other universities within the State	
		from universities from other States	
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	None	
38.	Present details of departmental infrastructural facilities with regard to	i. Library - Yes ii. Internet facilities for staff and students - Yes (University wifi) iii. Total number of class rooms - 5 iv. Class rooms with ICT facility - 01 v. Students' laboratories /Clinical lab 01 Clinics (OPD & IPD) and Clinical Lab with following instruments are available for evidence based research in Majeedia Unani Hospital and demonstration of Students respectively Instruments available: Colposcope 01, Simulators (06) CTG machine 01, Foetomonitor 01)	
39.	List of doctoral, post-doctoral students and Research Associates:	Nil	
40.	Number of post graduate students getting financial assistance from the university.	09	
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.	NA	
42.	Does the department obtain feedback from students:	Yes	
43.	List the distinguished alumni of the department (maximum 10):	Distinguished Alumni Dr. Mohammad Fazil , Assistant Director & Incharge, HAK Institute of Literary and Historical Research in Unani Medicine, CCRUM Dr Rashidullah Khan , Vice President CCIM, Govt of India Afsar Ali , IRS 2010, deputy commissioner Excise and customs. Delhi Dr Abdul Kabir Dar , Director ISM, J and K Govt.	

		<p>Dr Ghazala Javed: A.D CCRUM Now deputed in M/O AYUSH and Represented Ministry of AYUSH to National Center for National Product of Research (NCNPR), Oxford, and University of Mississippi,USA Looking after World Intellectual Property Organization (WIPO) Geneva,USA Dr Farha Ahmad: (Since 2010) Looking after Europe Division of IC (International Cooperation) for M/O AYUSH. Dr Shamshad Bano: CCIM Secretary</p>
<p>44.</p>	<p>Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.</p>	<p>GUEST LECTURES IN WORKSHOP\CME\RTP 2015</p> <ol style="list-style-type: none"> 1. Deliver Guest Lecture for Physicians of Hamdard Labs India on “Pelvic Inflammatory Disease (General Understanding and Usool e Ilaj ” at Faculty of Medicine (U) Board Room, Jamia Hamdard ,New Delhi .11.12.2015 <p>2015</p> <ol style="list-style-type: none"> 2. Workshop and Practical hands on training for Physicians of Hamdard Labs India on “Pelvic Inflammatory Disease (General Understanding and Usool e Ilaj with special reference of NFH(Natool Hamool and Furzaja) ” at, Majeedia Hospital & departmental Clinical lab ,New Delhi on 11.12.2015 <p>2015</p> <ol style="list-style-type: none"> 3. Workshop and Practical hands on training for Physicians of Hamdard Labs India on “Pelvic Inflammatory Disease (General Understanding and Usool e Ilaj with special reference of NFH(Natool Hamool and Furzaja) ” at, Majeedia Hospital & departmental Clinical lab ,New Delhi on 11.12.2015 4. Workshop and Practical hands on training for Physicians of Hamdard Labs India on “ Golden one minute programme on Neonatal CPR ” at, Department of Pediatrics in collaboration with department of HAHC Hospital for Interns and practicing doctors ,New Delhi on 11.12.2015 5. CME Cum Work shop on “Contraception Update and PPIUCD Insertion Technique” Organised by Department of Obstetrics and Gynecology,Hamdard Institute of Medical Sciences and Research ,Jamia Hamdard under the aegis of Association of Obstertricians and Gynaecologist of Delhi (AOGD), Accredited by Delhi Medicial Council for New Dehli on 17th October, 2015.at HCC for students of Medical and Unani students and teachers. 6. CME Cum Work shop on “Contraception Update and PPIUCD Insertion Technique” Organised by Department of Obstetrics and Gynecology,Hamdard Institute of Medical Sciences and Research ,Jamia Hamdard under the aegis of Association of Obstertricians and Gynaecologist of Delhi (AOGD), Accredited by Delhi Medicial Council for New Dehli on 17th October, 2014.at HCC for students of Medical and Unani students and teachers <p>2012</p> <ol style="list-style-type: none"> 7. Deliver Guest Lecture on “Method of Transportation of casualty &Triage management during any disaster- A step to reduce risks of disaster with least impact ”on the occasion of celebration of “Disaster Management & Vigilance Awareness Week” on 27.12.2012 at Hamdard Public School auditorium,Talimabad ,New

		<p>Delhi</p> <p>Guest speaker: Dr Amir Ali Khan & Dr Suhail Fatima with team of Unani Students for Skit and Drama</p> <p>8. Deliver Guest Lecture on “Method of Transportation of casualty & Triage management during any disaster- A step to reduce risks of disaster with least impact” on the occasion of celebration of “<i>Disaster Management & Vigilance Awareness Week</i>” on 27.12.2012 at Hamdard Public School auditorium, Talimabad, New Delhi</p> <p>Guest speaker: Dr Amir Ali Khan & Dr Suhail Fatima with team of Unani Students for Skit and Drama</p> <p>9. Deliver Guest Lecture on “Method of Transportation of casualty & Triage management during any disaster- A step to reduce risks of disaster with least impact” on the occasion of celebration of “<i>Disaster Management & Vigilance Awareness Week</i>” on 27.12.2012 at Hamdard Public School auditorium, Talimabad, New Delhi</p> <p>Guest speaker: Dr Prof Chandan Ghosh of NIDM</p> <p>10. Deliver Guest Lecture on “Method of Transportation of casualty & Triage management during any disaster- A step to reduce risks of disaster with least impact” on the occasion of celebration of “<i>Disaster Management & Vigilance Awareness Week</i>” on 27.12.2012 at Hamdard Public School auditorium, Talimabad, New Delhi</p> <p>Guest speaker: Dr Jugal kishore from MAMC on “Individual Rights in Relation to Health” at Hamdard Archives Centre</p>
45.	List the teaching methods adopted by the faculty for different programmes.:	<p>Class room teaching with Board/Chalk/Overhead Projection, LCD Projection Seminar Presentation, Extension Lectures Group Discussion</p> <p>Clinical training through</p> <ol style="list-style-type: none"> 1. Assessment Tools/ Tutorials Exercises 2. Demonstration on Working Models /Charts 3. Practical training on Simulators 4. Practical training and assessment through Assessment tools 5. Free hands Practical Training on patients <p>Compulsory Regular Internal Assessment</p>
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?	<p>Organization of extension lectures and activities like Awareness walk, Free health checkup, screening and treatment Camps from time to time and renowned scientists/Experts of concerned subjects are invited to deliver lectures.</p> <p>Students are encouraged to undertake evidence based Clinical training in Clinical Labs, OPDs and IPDs of Majeedia Hospital, HAHCH, LBS, Headgwar Hospital</p>
47.	Highlight the participation of students and faculty in extension activities.	<p>Swachh Bharat Abhiyan on 2nd Oct 2014.</p> <p>Health awareness walks, Health camps and Mela, National Social Programmes on (Swachh Bharat Abhiyaan, HIV, Cancer, Disaster Awareness, Human’s Rights day, Vaccination awareness, Tobacco awareness day) etc.</p>

48.	Give details of “beyond syllabus scholarly activities” of the department.	Regularly attending the Seminars, Conferences, Workshops, Health Camps on Unani system of Medicine
49.	State whether the programme/ department is accredited/graded by other agencies? If yes, give details:	Accredited by NAAC
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.	The department contributed in basic and applied clinical training for diagnostic and therapeutic Procedures to the students and developed Special Operational Procedures (SOPs). (NFH: A traditional mode of therapy and Stimulation by Cupping or Hijamah).
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.	<p>Strength: Good bonding between Doctor and Patient, Student and Teacher 2. Innovative teaching learning through AV aids 3. Applied teaching training to students 4. Subject Knowledge and Clinically Skilled Faculty 5. Regularity and punctuality of teaching and nonteaching staff</p> <p>Weaknesses 1. Non availability of smart classes 2. Less research opportunities are meager 3. No PG courses</p> <p>Opportunities 1. Audio Visual / ICT: Every staff and students should have these facilities on essential basis 2. E Simulators may be used for diagnostic and therapeutic purposes for teaching and training 3. Inter disciplinary and Collaborative approach with relevant field may be taken like in Microbiology and Histopathology etc 4. Collaborative Clinical Setup.</p> <p>Challenges 1. Clinical Research 2. Post Graduate course 3. Generate research opportunities and inculcate logical aptitude in students regarding the system of Unani medicine. 4. Efforts to be made for popularization of Unani medicine, among masses 5. Interactive and Collaborative research with Modern medical Sciences</p>
52.	Future plans of the department:	1. M.D in Gynaecology Obstetrics and Pediatrics 2. PG Diploma in Gynae and Obstetrics (PGDGO) 3. Certificate course (Colposcopy & Hysteroscopy) 4. Mobile Dispensary 5. Family Planning and Immunization Centre 6. Training of Trainers TOT /RTP/Refresher Programme 7. To collaborate with HIMSR for exchange of knowledge between students and faculties.

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	TAHAFFUZI-WA-SAMAJI TIBB (COMMUNITY MEDICINE)				
2.	Year of establishment:	1989				
3.	Is the Department part of a School/Faculty of the university?	Yes, Faculty of Medicine (Unani)				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	UG: BUMS PG: Doctor of Medicine (M.D. Unani – Tahaffuzi Wa Samaji Tibb)				
5.	Interdisciplinary programmes and departments involved:	The faculty members of HIMSR, Pharmacy, Nursing co-supervised some of the thesis of MD students. Biostatistics is taught by teachers of faculty of science.				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA				
7.	Details of programmes discontinued, if any, with reasons:	NA				
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Annual				
9.	Participation of the department in the courses offered by other departments:	The teaching at UG level requires involvement of many departments each year.				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor	---	01	01	
		Associate Professors	02	Nil	Nil	
		Assistant Professors	03	03	03	
		Others	01(contractual)	01	01(contractual)	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Prof. M. Junaid Siddiqui	BIMS, MD	Professor and Head	Tahaffuzi-wa-Samaji Tibb	33 years	02
	Dr. Mohd.	BUMS, MD	Assistant	Tahaffuzi-wa-	13 years	03

	Akram		Professor	Samaji Tibb		
	Dr. Rubi Anjum	BUMS, MD	Assistant Professor	Tahaffuzi-wa-Samaji Tibb	10 years	02
	Dr. Aisha Parveen	BUMS, MD	Assistant Professor	Tahaffuzi-wa-Samaji Tibb	5 yrs teaching & 24 yrs clinical	--
	Dr. Sadia Nikhat	BUMS, MD	Assistant Professor	Tahaffuzi-wa-Samaji Tibb	4 years	--
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		NA			
13.	Percentage of classes taken by temporary faculty – programme-wise information:		Communication skills (<5%)			
14.	Programme-wise Student Teacher Ratio:		Under Graduate 9:1 Post Graduate: 1:1			
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		Designation	Sanctioned	Filled/actual	
			Lab Attendant/ Senior Lab. Assistant	01	01	
			STA		Nil	
16.	Research thrust areas as recognized by major funding agencies:		vii. Public Health			
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: NIL					
	Name of the faculty	Title of the Ongoing project		National/International funding agencies/Tenure	Grant received	
18.	Inter-institutional collaborative projects and associated grants received:		(i) National collaboration Nil (ii) International collaboration Nil			
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years): NIL		Funding agency	Project title, if any	Grant received	
			-	-	-	
20.	Research facility/centre with:		NIL			

21.	Special research laboratories sponsored by/created by industry or corporate bodies:	NA
22.	<p>Publications: (last 5 years):</p> <ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international) : Total 50 <ul style="list-style-type: none"> National : 26 International : 24 • Monographs : Zero • Chapters in Books : Nil • Edited Books : Nil • Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers) : 01 <p>Publications:</p> <p>[2016]</p> <ol style="list-style-type: none"> 1. Shazia Anjum, Atiya Ajum, Javed Jameel and Mohammed Junaid Siddiqui (2016). A clinical study to evaluate the efficacy of <i>Hijamah bila shart</i> (dry cupping) on non-specific neck pain and its potential role in improving the health-related quality of life. <i>Asian Journal of Complementary and Alternative Medicine</i>, 4(11):11-16. 2. A.H. Khan, M. Mujeeb, F. Firdaus, L. Abidin, A. Hussain, Mohammad Akram (2016) "Development of Quality Standards and Phytochemical Investigation of <i>Cassia tora</i> Linn leaves" <i>World Journal of Pharmacy and Pharmaceutical Sciences</i>, 5(1): 583-594. SJ Impact Factor-5.210. ISSN: 2278-4357 <p>[2015]</p> <ol style="list-style-type: none"> 3. Abdullah bin Junaid, Reshma Nasreen, Mohammed Junaid Siddiqui, Waquar Ahmed. (2015) A Comparative Analysis of Male and Female Consumer Behaviour Factors for their Cosmeceutical Products types. <i>Journal of Accounting & Marketing</i>. 4(2): 132. doi: 10.4172/2168-9601. ISSN 2168-9601. 4. F. Firdaus, M. Mujeeb, R. Sharma, A. Hussain, A.H. Khan, Mohammad Akram (2015) "A Review on Pharmacological and Toxicological Potentials of <i>Cassia occidentalis</i> Linn." <i>European Journal of Biomedical and Pharmaceutical Sciences</i>, 2(6): 260-265. SJ Impact Factor-2.062. ISSN: 2349-8870 5. Farheen Zaidi, Rubi Anjum, Fatima Zaidi. (2015) Antenatal Depression: A noteworthy risk Factor of Post Partum Depression. <i>International Journal of Innovative Research and studies</i>, 4(5): 168-177. ISSN 2319-9725 6. Paras Wani, F. Talat, M. J. Siddiqui, Arshi Riyaz, Arti Mal. (2015) A Study to Assess Immunization Status of Children Attending A&U Tibbia College & Hospital. <i>Indo American Journal of Pharmaceutical Research</i>. 5(1): 479-482. ISSN 2231-6876. 7. Shabnam Ansari, F. Zaman, MA Siddiqui, Sadia Nikhat, Shafia Mushtaq. (2015) Gilbert's Syndrome-A case with Interpretation and Management in Unani Medicine. <i>International Journal of Pharmacognosy</i>. 2(2): 98-101. ISSN (Online): 2348-3962 8. Yasmin Shamsi, Azhar Jabeen, Sadia Nikhat, Shafia Mushtaq. (2015) Extensive Intramuscular cysticercosis without any neurological involvement: A rare case report. <i>International Journal of Scientific Reports</i>, 1(8): 313-316. ISSN 2454-2156. 9. Sadia Nikhat, Mohd. Fazil. (2015) An Analytical review on <i>Nutool</i> (Irrigation) Therapy. <i>Journal of Drug Delivery and Therapeutics</i>. 5(5): 1-4. ISSN: 2250-1177 10. Tahseen Fatima, Mohammad Akram, Aisha Parveen (2015) "Practical Aspects of Tadabeer-e-Mashaikh in Present Health Scenario" <i>Indian Journal of Unani Medicine</i>, 8(1): 53-58. ISSN: 0974-6056 	

	<p>11. Tahseen Fatima, Mohammad Akram, Aisha Parveen, MC Kapilashrami (2015) “A Study to assess the efficacy of Tadabeer-e-Mashaikh on Health Related Quality of Life of Elderly People living in Old Age Home of Delhi” Indian Journal of Unani Medicine, 8(1): 72-77. ISSN: 0974-6056</p> <p>[2014]</p> <p>12. Paras Wani, Aisha Aijaz, M.J. Siddiqui and Mohd. Talat Zaheer (2014). A case study to assess role of Hijamah (Cupping) in management of Samn-e-Mufrat (obesity)- A case report. Elixir Physio. & Anatomy 76: 28179-28181. ISSN: 2229-712x.</p> <p>13. Paras Wani. M.J. Siddiqui, Mohd. Talat Zaheer, Shabbir Ahmad. (2014). A study to assess the knowledge attitude and practices of the Unani medicine in the new comers of A&U Tibbia College. Human Physiology, 66: 20700-20704. (ISSN 2229-712x).</p> <p>14. Sadia Nikhat, Mohd. Fazil. (2014) Hirudotherapy in the Modern World-an Updated Review. Asian Journal of Complementary and Alternative Medicine, 2(5): 1-6. (Scientific Journal Impact Factor-3.335). ISSN 2347-3894</p> <p>15. Shafia Mushtaq, Azhar Jabeen, Fasihuzzaman, Musadiq Mushtaq, S. Jilani, Sadia Nikhat, S. Alam. (2014) Insomnia and its management in Unani Medicine. International Journal of Advances in Pharmacy, Medicine and Bioallied Sciences. 2(1): 51-53. ISSN 2348-2109.</p> <p>16. Shazia Anjum, Atiya Anjum, Shazia Jilani, Mohammad Junaid Siddiqui. (2014) Potential benefits of Hijamah in musculoskeletal disorders. International Journal of Advances in Medicine and Bioallied Sciences. 2(2): 36-39. ISSN No. : 2348-2109</p> <p>17. Farheen Zaidi, Rubi Anjum. (2014) Screening Women for Inkhefaz-badul-Wiladat (Post Partum Depression): A worthy Endeavor. Indian journal of Unani medicine, 7(2): 67-72. ISSN 0974-6056</p> <p>18. Sadia Nikhat, R. Anjum, K.U. Khayyam. (2014) Perceived risk of cervical cancer among women: a Hospital-based Study. Indian Journal of Unani Medicine. 7(1): 43-48. ISSN: 0974-6056</p> <p>19. Shafia Mushtaq, A. Sultana, F. Zaman, Sadia Nikhat, M. Rehman. (2014) Concept of Systemic Cleansing through Concoctives and Purgatives (<i>Munzij Mushil</i> therapy) as a Regimen in Chronic Diseases. Journal of Medical Erudite. 2(2) 28-35. ISSN:2278-1927</p> <p>20. Shafia Mushtaq, Fasihuzzaman, M.A. Jafri, Shazia Jilani, Sadia Nikhat, R. Azam, Z. Zaidi, Shah Alam. (2014) <i>Turmus (Lupinus Albus)</i>: Literature review. Indian Journal of Unani Medicine. 7(1): 57-60. ISSN: 0974-6056</p> <p>[2013]</p> <p>21. Sadia Nikhat, Mohd. Fazil. (2013) Determination of the Shelf-life and Expiry date of Herbal Compound Drugs-A Review. International Journal of Scientific Research and Management. 1(8): 415-420. ISSN 2321-3418</p> <p>22. Sadia Nikhat, Mohd. Fazil. (2013) Kayi (Cauterization): A Tribute to Unani Scholars. Medical Journal of the Islamic Academy of Sciences. 21(2): 83-90. ISSN 1016-3360</p> <p>23. Farheen Zaidi, Rubi Anjum (2013). Exploring the potential of Regimental Therapy (Ilaj Bil Tadbeer) in depression. Indian Journal of Unani Medicine. 6(2): 139-145. ISSN 0974-6056</p> <p>24. MT Zaheer, Paras Wani, MJ Siddiqui, SA Bhat. (2013). “Hijamah (Cupping) in the light of Prophetic Medicine-A Review”. Indian Journal of Unani Medicine, 6(1): 29-33. ISSN: 0974-6056</p> <p>25. Sadia Nikhat, Mohd. Fazil. (2013) <i>Health Protective and other Biological Activity of Saunf (Foeniculum vulgare)</i>. Indian Journal of Unani Medicine. 6(1): 89-94. ISSN: 0974-6056</p> <p>26. Shazia Anjum, Farheen Zaidi, Tahseen Fatima, M J Siddiqui, Atiya Anjum. (2013) “Concept of Germs-Then and Now. Indian Journal of Indian Medicine, 6(1): 175-179. ISSN: 0974-6056</p>
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	<p>[2012]</p> <ol style="list-style-type: none"> 27. Aisha Parveen, Paras Wani, Mohammed Junaid Siddiqui (2012). Evaluation of Knowledge of Perception and Coping Strategies of Perimenopausal Women through Self-instructional Module (SIM). International journal of scientific and technology research, 1(7) : 42-45. ISSN 2277-8616. (SJ Impact Factor-3.023) 28. Aisha Parveen, Siddiqui MJ, Bharadwaj U (2012). Benefits of exercise in menopausal age: An interventional study. Asian Journal of Pharmaceutical & Health Sciences, 2(4): 353-356. ISSN 2231- 2331 29. Fatima Chaudhary, Khalid Umer Khayyam, Mohd. Junaid Siddiqui, Rubi Anjum. (2012). “To study the method and material used in teeth cleaning by the fifth standard of MCD Primary school children of south Delhi, India”. IJPI’s Journal of Hospital and Clinical Pharmacy, 3(11): 21-26. ISSN 2229-6921. 30. Fatima Chaudhry, K. U. Khayyam, M.J. Siddiqui, Rubi Anjum, Sazina Muzammil. (2012) To Study the awareness About Oral Hygiene and Dentist Role in Fifth Standard of MCD Primary School Children of South Delhi, India. IJPI’s Journal of Hospital & Clinical Pharmacy, 2 (9): 36-40. ISSN-2229-6921 31. Mohd. Fazil, Sadia Nikhat, Mohd. Akram. (2012) “Diabetes from Ancient to Modern Era” Hamdard Medicus, 55 (1): 27-31. ISSN: 0250-4723 32. Paras Wani, M.J. Siddiqui, M.T. Zaheer, Gazanfar Wani. (2012) Assessing Alternative Technique Visual Inspection with Acetic Acid (VIA) for screening of Carcinoma of Cervix in Situ for low resource countries like India”. International journal of scientific and technology research, 1(6): 1-4. ISSN 2277-8616. 33. Sadia Nikhat, Rubi Anjum, K. U. Khayyam. (2012) Screening for Cervical Cancer and the Associated factors among women in Delhi, India. Asian Journal of Pharmaceutical & Health Sciences, 2(4): 472-475. ISSN 2231-2331 34. Aisha Perveen, Paras Wani, MJ Siddiqui, Bhat S, Zaheer MT. (2012) Historical aspect of Menopause. Indian Journal of Unani Medicine, 5(2): 141-146. ISSN 0974-6056. 35. Fatima Chaudhary, Khalid Umer Khayyam, Mohd. Junaid Siddiqui, Rubi Anjum, Sazina Muzammil. (2012). Effect of teaching on dental practice in fifth standard of MCD primary school children of south Delhi, India. Indian Journal of Science, 1(2): 92-94. ISSN 2319-7730. 36. Mohd. Fazil, Sadia Nikhat. (2012) <i>Common Sports Injuries and Role of Ilaj bil-Tadbeer</i>. Indian Journal of Unani Medicine. 5(1): 131-134. ISSN: 0974-6056 37. Sadia Nikhat, R. Anjum, KU Khayyam. (2012) <i>The Concept of Cancer in Unani Medicine-With Special Reference to Cervical Cancer</i>. Indian Journal of Unani Medicine. 5(1): 113-116. ISSN: 0974-6056. 38. Sadia Nikhat, Rubi Anjum, K. U. Khayyam. (2012) Knowledge and Perception related to Cervical Cancer & HPV among women in Delhi, India. Indian Journal of Unani Research. 3(3): 34-44. ISBN-978-1-257-97709-3 39. Wani P, Siddiqui MJ, Riyaz A, Zaheer MT (2012). Riyazat (Traditional exercise regimen) an important component of healthy lifestyle. Indian Journal of Unani medicine. 5(1): 65-68. ISSN: 0974-6056. 40. Wani P, Siddiqui MJ, Zaheer MT, Riaz A, Bhat S. (2012) A study to assess the knowledge of the Unani in the New Comers of A & U Tibbia College, Karol Bagh, New Delhi. Indian Journal of Unani medicine. 5(2): 127-130. ISSN: 0974-6056. 41. Wani P, Siddiqui MJ, Zaheer MT, Riyaz A (2012). Study to Assess the role of Hijamah (Cupping) in management of waja-ul-mafasil (osteoarthritis). Indian Journal of unani medicine. 5(1): 11-15. ISSN: 0974-6056. <p>2011]</p> <ol style="list-style-type: none"> 42. Abdullah Bin Junaid, Reshma Nasreen, N Ravichandaran, M. Junaid Siddiqui and Paras Wani. (2011) Factors favouring and Disfavouring the popularity of Unani
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	<p>Medicine among Patients and Practitioners-A Survey. <i>Unani Medicus: An International Journal</i>,1(2): 43-51. ISSN 2230-8083</p> <p>43. Rubi Anjum, Sadia Nikhat, MJ Siddiqui MJ, Shazia Jilani. (2011) Dalak (Massage): A Unique Regimen of Unani System of Medicine, <i>Hamdard Medicus</i>, 54(4): 41-45. ISSN 0250-4723</p> <p>44. Fatima Chaudhary, Khalid Umar Khayyam, M. Junaid Siddiqui, Rubi Anjum and Sazina Muzzamil (2011), Impact of Teaching on Dental Knowledge in Fifth Standard of MCD Primary School Children of South Delhi. <i>Journal of Applied Pharmaceutical Science</i>,1(7): 91-93. ISSN: 2231-3354</p> <p>45. Fazil M., Akram M., Kapoor P. (2011) “A Cross-sectional Study to assess the Temperament of Diabetes Mellitus Type-2 Patients”, <i>Indian Journal of Unani Medicine</i>, 4(2): 135-140. ISSN: 0974-6056</p> <p>46. Khalid U. Khayyam, Sazina Muzammil, Rubi Anjum. (2011) <i>Distribution of Systolic and Diastolic B.P in Male And Female Population With relative Body Weight</i>. <i>International Journal of Pharma Informa</i>) <i>IJPI’S Journal of Hospital and clinical Pharmacy</i>, 1 (6): 16-20. ISSN No.2229-6921.</p> <p>47. Mohd. Fazil, Sadia Nikhat. (2011) <i>Ilaj bil-fasd-Ek Jayeza</i>. <i>Jahan-e-Tibb</i>, 12(3): 24-35.</p> <p>48. Sadia Nikhat, Mohd. Fazil, Mohd. Akram. (2011) <i>Hijamah (Cupping): An Important Treatment Module</i>. <i>Indian Journal of Unani Medicine</i>, 4(1): 39-44. ISSN: 0974-6056</p> <p>49. SA Azmi, A. Wadud, I. Ahmad, M. Usman, Mohd. Akram. (2011) Concept and management of Air Pollution in Unani Medicine, 4(1): 9-12. ISSN 0974-6056.</p> <p>50. Sadia Nikhat, Mohd. Fazil. (2011) <i>Hasbah ka ilaj Tibb-e-Unani mein</i>. <i>Jahan-e-Tibb</i>, 4(1): 39-44.</p> <p>Book/ Chapter</p> <p>1. “Tahaffuzi Tadabeer Barae Hamla Wa Nifasa” by Dr. Rubi Anjum, Mishkat Printers and Publishers, Aligarh, 2013 (ISBN: 978-93-84354-49-7)</p> <p>Citation And H-index: (Google Scholar)</p> <table border="1" data-bbox="358 1136 1481 1373"> <thead> <tr> <th>Name of the Faculty</th> <th>Citations</th> <th>h-index</th> </tr> </thead> <tbody> <tr> <td>M. Junaid Siddiqui</td> <td>3</td> <td>1</td> </tr> <tr> <td>Mohd Akram</td> <td>76</td> <td>1</td> </tr> <tr> <td>Rubi Anjum</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Aisha Perveen</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Sadia Nikhat</td> <td>1</td> <td>1</td> </tr> </tbody> </table>	Name of the Faculty	Citations	h-index	M. Junaid Siddiqui	3	1	Mohd Akram	76	1	Rubi Anjum	NA	NA	Aisha Perveen	NA	NA	Sadia Nikhat	1	1
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M. Junaid Siddiqui	3	1																	
Mohd Akram	76	1																	
Rubi Anjum	NA	NA																	
Aisha Perveen	NA	NA																	
Sadia Nikhat	1	1																	
23.	Details of patents and income generated:	NA																	
24.	Areas of consultancy and income generated:	NA																	
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	Nil																	

26.	Faculty serving in: <ul style="list-style-type: none"> i. National committees - 01 ii. International committees - iii. Editorial Boards of journals - 02 iv. Any other (please specify) - <u>Faculty serving in National Committees:</u> <ul style="list-style-type: none"> i. Prof. MJ Siddiqui – Life member, Indian Public Health Association. ii. Prof. MJ Siddiqui – Life member, Society of Toxicology, India. <u>Faculty serving as Editorial Board member of journals</u> <ul style="list-style-type: none"> i. Dr. Mohd. Akram-Indian Journal of Unani Medicine ii. Dr. Sadia Nikhat- Indian Journal of Unani Medicine 																												
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs): <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 25%;">Name of faculty member</th> <th style="width: 30%;">Title of programme</th> <th style="width: 25%;">Institution where attended</th> <th style="width: 20%;">Duration (dates)</th> </tr> </thead> <tbody> <tr> <td>Dr. Rubi Anjum</td> <td>Three weeks' Refresher course in Basic Sciences (Interdisciplinary)</td> <td>Human Resource Development Centre, Jamia Millia Islamia, New Delhi</td> <td>5th May 2015 to 25th May 2015</td> </tr> </tbody> </table>				Name of faculty member	Title of programme	Institution where attended	Duration (dates)	Dr. Rubi Anjum	Three weeks' Refresher course in Basic Sciences (Interdisciplinary)	Human Resource Development Centre, Jamia Millia Islamia, New Delhi	5 th May 2015 to 25 th May 2015																	
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28.	Student projects:	NA																											
29.	Awards /recognitions received at the national and international level by:	Faculty: 01 <ul style="list-style-type: none"> 1. Prof. MJ Siddiqui-31st Dr. S. Radhakrishnan Memorial National Teacher Award, Sep 2015. 																											
30.	Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any: NIL <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 10%;">Serial No.</th> <th style="width: 30%;">Title Seminars/ Conferences/ Workshops</th> <th style="width: 15%;">Dates</th> <th style="width: 15%;">No. of Participants</th> <th style="width: 30%;">Outstanding participants (keynote, speakers, eminent scientist/academicians)</th> </tr> </thead> <tbody> <tr> <td colspan="5" style="text-align: center;">Conferences</td> </tr> <tr> <td style="text-align: center;">1.</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5" style="text-align: center;">Workshops</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				Serial No.	Title Seminars/ Conferences/ Workshops	Dates	No. of Participants	Outstanding participants (keynote, speakers, eminent scientist/academicians)	Conferences					1.					Workshops									
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Workshops																													
31.	Code of ethics for research followed by the departments:	M.D. Thesis Synopsis are approved by the University Ethics Committee																											

32.	Student profile programme-wise:						
	S.No.	Name of the Programme	Year	Application Received	Admitted		Pass Percentage (%)
					Male	Female	
	1.	M.D. Unani in Tahaffuzi Wa Samaji Tibb	2015-16	35	1	2	100%
			2014-15	25	Nil	Nil	-
			2013-14	45	Nil	Nil	-
			2012-13	42	Nil	2	100%
			2011-12	56	Nil	Nil	-
	Total			203	1	4	-
	2.	B.U.M.S.	2015-16	1228	18	31	100%
			2014-15	855	19	31	100%
			2013-14	1771	19	31	100%
			2012-13	1242	14	32	100%
			2011-12	695	25	25	100%
	Total			5791	95	150	
33.	Diversity of students:						
	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries		
	BUMS	2011-12	29.41%	64.71%	5.88%		
		2012-13	26.09%	73.91%	0.00%		
		2013-14	30.43%	69.57%	0.00%		
		2014-15	36.00%	64.00%	Nil		
		2015-16	30.00%	68.00%	2.00%		
	M.D. Unani in Tahaffuzi Wa Samaji Tibb	2011-12	Nil	Nil	Nil		
		2012-13	33.33%	66.67%	Nil		
		2013-14	Nil	Nil	Nil		
		2014-15	Nil	Nil	Nil		
		2015-16	33.33%	66.67%	Nil		
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:		Nil				
35.	Student progression:		UG to PG:	20%			

		Student progression UG to PG PG to M.Phil. PG to Ph.D. Ph.D. to Post-Doctoral Employed • Campus selection • Other than campus recruitment Entrepreneurs	Percentage against enrolled 20% NA NA NA Campus selection-NA • Majority of pass-out students run their own Clinics/Health Centres/ pharmaceutical companies. • PG students have been selected as faculty members in various Unani Medical Colleges such as AMU, Delhi University, NIUM etc • PG students have been selected as Research Officers at Central Council for Research in Unani Medicine.
36.	Diversity of staff:	Percentage of faculty who are graduates of the same university from other universities within the State from universities from other States from universities outside the country	60% -- 40% --
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	None	
38.	Present details of departmental infrastructural	vi. Library	- Yes
		vii. Internet facilities for staff and students	- Yes

	facilities with regard to	(University wifi) viii. Total number of class rooms - 07 ix. Class rooms with ICT facility - Available x. Students' laboratories - Yes xi. Research laboratories - Available
39.	List of doctoral, post-doctoral students and Research Associates:	NA
40.	Number of post graduate students getting financial assistance from the university.:	03
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	NA
42.	Does the department obtain feedback from:	Yes
43.	List the distinguished alumni of the department (maximum 10):	Distinguished Alumni <ul style="list-style-type: none"> • Dr. Y. I. Munshi, Assistant Director, Scientist-4, RRIUM, CCRUM • Dr. Mohd. Fazil, Assistant Director & Incharge, HAK Institute of Literary and Historical Research in Unani Medicine, CCRUM
44.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	Compulsory Regular Internal Assessment tests. Career planning counseling Feedback of alumni is taken regularly.
45.	List the teaching methods adopted by the faculty for different programmes.:	Board/Chalk Over head Projection LCD Projection Seminar Presentation Field Surveys Extension Lectures Group Discussion
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	Organization of extension lectures from time to time and renowned scholars. Debates, quiz programmes, student seminars, survey activities etc.
47.	Highlight the participation of students and faculty in extension activities.	Swachh Bharat Abhiyan on 2 nd Oct 2014. Blood donation camps (details provided by NSS officer)
48.	Give details of “beyond syllabus scholarly activities” of the department.	Regularly attend the Seminar, Conferences, Workshops on Unani Medicine
49.	State whether the programme/ department is	Accredited by NAAC CCIM (regulating body of the course) visits the department

	accredited/graded by other agencies? If yes, give details:	twice a year for inspection of fulfilling the conditions laid down by CCIM
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	Teachers of the department are constantly involved in public health activities like health camps etc, and also actively involved in research and publications.
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	<p>Strengths:</p> <ol style="list-style-type: none"> 1. Community Health Service 2. Interdisciplinary studies 3. Use of scientific methods for public health research <p>Weaknesses:</p> <ol style="list-style-type: none"> 1. Non availability of Quality Single Drugs of Unani Medicine 2. Sanctioned Seats for M.D. by CCIM are very few. 3. No fellowship is available for M.D. Students. <p>Opportunities</p> <ol style="list-style-type: none"> 1. Growing Interests of community towards alternative systems of medicine 2. Development of simpler health delivery methods <p>Challenges</p> <ol style="list-style-type: none"> 1. Quality Assurance 2. Lack of education in general public 3. Need to identify safe and effective practices 4. Improvement of research methodology.
52.	Future plans of the department:	<ol style="list-style-type: none"> 1. To enhance research work by increasing the intake of PG students. 2. To collaborate with other health agencies like NIHFV.

EVALUATIVE REPORT OF THE DEPARTMENT

1	Name of the Department:	MOALIJAT (MEDICINE)				
2	Year of establishment:	1989				
3	Is the Department part of a School/Faculty of the university?:	Part of Faculty of Medicine (Unani), Jamia Hamdard				
4	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	<ul style="list-style-type: none"> • UG (BUMS) • MD in Moalijat (Unani Medicine) 				
5	Interdisciplinary programmes and departments involved:	No				
6	Courses in collaboration with other universities, industries, foreign institutions, etc.:	No				
7	Details of programmes discontinued, if any, with reasons:	NA				
8	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Professional/Annual				
9	Participation of the department in the courses offered by other departments:	No				
10	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor	1	01	01	
		Associate Professors	1	04	04	
		Asst. Professors	5	03	03	
	Others (please specify)		02 (Lecturer on contract basis)			
11	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 5 years
	Syed Shakir Jameel	BIMS, MD	Professor & Unani consultant	Moalijat (Unani Medicine)	36	On leave w.e.f. 2012-Jan 2015 as Director General CCRUM
	M. Akhtar Siddique	BIMS, MD P.G.D.H.A,	Associate Professor & Unani consultant	Moalijat (Unani Medicin)	34	03
	Asim Ali Khan	BUMS, MD	Associate Professor &	Moalijat (Unani Medicin)	26	04

		Unani consultant			
Fasihuzaman	B.U.M.M.S. (Bachelor of Unani Medicine with Modern Medicine & Surgery), MD	Associate Professor & Unani consultant	Moalijat (Unani Medicin)	22 years	02
Yasmeen Shamsi	BUMS, MD	Associate Professor & Unani consultant	Moalijat (Unani Medicin)	24	Nil
Mohammad Maaz	BUMS, MD	Assistant Professor & Unani consultant	Moalijat (Unani Medicin)	26 yrs with teaching 7 years	Nil
Azhar Jabeen	BUMS, MD	Assistant Professor & Unani consultant	Moalijat (Unani Medicin)	12 years With 9 years of Teaching	Nil
Shazia Jilani	BUMS, MD	Assistant Professor & Unani consultant	Moalijat (Unani Medicin)	7 years	Nil
Roohi Bashir	BUMS, MD	Lecturer & Unani consultant	Moalijat (Unani Medicin)	02 yrs of Teaching	Nil
Umar jahangir	BUMS, MD	Lecturer & Unani consultant	Moalijat (Unani Medicin)	02 yrs of Teaching	Nil
12	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	NO			
13	Percentage of classes taken by temporary faculty – programme-wise information:	NA			
14	Programme-wise Student Teacher Ratio:	Programme	Student teacher ratio		
		BUMS (Clinical Methods, Pathology, Medicine)	150:10		
		MD (Moalijat)	09: 08		
15	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation	Sanctioned	Filled/actual	
		Pathology Lab Assistant	01	Nil	
		Office Assistant	01	Nil	
		Attendent	01	01	
16	Research thrust areas as recognized by major funding agencies:	<ul style="list-style-type: none"> • Validation of Unani System of Medicine through Clinical Trials <ul style="list-style-type: none"> ○ Immunomodulation ○ Adjuvant Therapies ○ Arthritis ○ Hypertension and Hyperlipidaemia ○ Diabetes Mellitus 			

		<ul style="list-style-type: none"> ○ Obesity ○ Skin Diseases ○ Neurological and Psychotic Disorders ● Ilaj Bit Tadbeer
17	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:	NIL
18	Inter-institutional collaborative projects and associated grants received:	NIL
19	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	NIL
20	Research facility/centre with: <ul style="list-style-type: none"> • state recognition • national recognition • international recognition 	NIL
21	Special research laboratories sponsored by/created by industry or corporate bodies:	NIL
22	Publications: (last 5 years):	
	Number of papers published in peer reviewed journals (national / international) :	68
	Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers):	02
	Monographs	No
	Chapters in Books	No
	Edited Books	No
	Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	
<u>Publications of the Department of Moalijat in 2015</u>		
	<ol style="list-style-type: none"> 1. Shah Alam, Mohammad Akhtar Siddiqui and Mohammad Maaz. (2015). Concept of chronic kidney disease and its management in Unani medicine- A review. <i>International Journal of Current Research</i>, 7(12), 24785-24788. ISSN: 0975-833X 2. Shazia Anjum, Atiya Anjum, Shazia Jilani, Mohammad Junaid Siddiqui. (2015). Evaluation of Mizaj of the subjects of Nonsoecific neck pain. <i>Indian Journal of Unani Medicine</i>; 8(1)34-38. (ISSN NO.0974-6056) 3. Uzma Bano,Akhtar Siddiqui,Azher Jabin,Faseeh uz zaman Asrar Ahmed,Shafia Mushtaq. (2015). Therapeutic Uses of <i>Vitex negundu</i>.<i>World journal of Pharmaceutical Research</i>, 4(12), 589-606. ISSN 2277-7105 4. Uzma Bano, ,Azher Jabeen, Asrar Ahmed,Akhtar Siddiqui. (2015). Concept of Prolapsed Lumbo 	

Sacral Inter vertebral Disc (Hadba) and its management in Unani Medicine. *Indo American Journal of Pharmaceutical Research*, 5(3),1105-1108 ISSN: 2231-6876

5. Khan QA, Khan AA, Ansari S, Jahangir U. (2015) Hulbah (Foeniculum vulgare): A review. *International Journal. of Pharmacognosy*, 2(7), 315-19. **ISSN (Online): 2348-3962, ISSN (Print): 2394-5583**
6. Parveen S, Ansari S.(2015) Testo Induced Ovulation Successfully In Women of Polycystic Ovarian Syndrome. *Indo American Journal of Pharm Research*, 5(06), 430-34. **ISSN NO: 2231-6876**
7. Ansari S, Siddiqui MA, Zaman F. (2015).Therapeutic principles of liver diseases in Unani medicine. *Journal of Research and Education in Indian Medicine*, 21, 101-5. **ISSN 0970-7700**
8. Siddiqui MA, Ansari S. (2015). Efficacy of a Unani Formulation on Viral Load in Chronic Hepatitis B. *Indo American Journal of Pharm Research*, 5(04), 1487-90. **ISSN 2231-6876**
9. Ansari S, **Fasihuzzaman**, Md. Siddiqui A, Nikhat S and Mushtaq S. (2015) Gilbert’s Syndrome- A Case With Interpretation And Management In Unani Medicine. *International Journal. of Pharmacognosy*, 2(2), 98-101. **ISSN (Online): 2348-3962, ISSN (Print): 2394-5583**
10. Siddiqui MA, Ansari S. (2015) Therapeutic effect of a unani formulation on hepatitis b surface antigen in chronic hepatitis b: a case series. *Asian J Pharmaceutical and clinical Research*, 8(5),76-78. ISSN - 0974-2441
11. Siddiqui MA, Khan AA, Ansari S, Khan QA. (2015). Therapeutic evaluation for antihypertensive effect of a Unani Formulation in the treatment of Essential Hypertension. *Journal of Medical Erudite*, 2(02), 52-64. Print ISSN: 2278-1927 Online ISSN: 2349-2112
12. Roohi Azam, Shafia Mushtaq, Azhar Jabeen, Shubrin Nisar, Umar Jahangir.(2015).Modern and Unani concept of Suda (Headache); A Review. *International Journal of Pharmacology and Pharmaceutical Sciences*, 2(4), 6-10. ISSN: 2394-613X
13. Roohi Azam, Shafia Mushtaq, Shubrin Nisar. (2015). *Muqil* (Commophora Mukul) – A wonder drug in traditional medicine. *International journal of Institutional pharmacy & life sciences*, 5(3), 286-295. **ISSN 2249 - 6807**
14. Azam R, Mushtaq S, Jabeen A, Zaidi Z, Alam. S. (2015). Nutool (Irrigation) - An effective mode of treatment in Ilaj bit Tadbeer (Regimenal therapy). *Indo American Journal of Pharm Research*, 4(12), 5787-5791. ISSN: 2231-6876
15. Yasmeen Shamsi, Azhar Jabeen, Sadia Nikhat, Shafia Mushtaque. (2015). Extensive intramuscular cysticercosis without any neurological involvement: A rare case report. *International Journal of Scientific Reports*, 1(8), 313-316. **Print ISSN: 2454-2156, Online ISSN: 2454-2164**
16. Rais-ur-Rahman, Farah Naaz, **Yasmeen Shamsi**, Paras Wani. (2015). Headache in Unani Medicine: Areview. *Indian Journal of Unani Medicine*, 8 (1), 27-33. (ISSN NO.0974-6056)

Publications of the Department of Moalijat in 2014

17. Azhar Jabeen, Asim Ali Khan, Tabassum Alam and Yasmeen Shamsi. (2014). Tukhm-e-Katan (*Linum usitatissimum* Linn.) in light of Classical Unani Literature. *Indian Journal of Unani Medicine*, 7(2), 83-91. (ISSN NO.0974-6056)
18. Tabassum Alam, Azhar Jabeen, Asim Ali Khan, Mohd Maaz, Sheikh Haneef Mohammad. Effect of Looq-e-Katan (Linctus of Flax mucilage) as an oral bronchodilator formulation on MRC Dyspnea scale in patients with COPD. *Asian Journal of Complementary and Alternative Medicine* 02 (05); 2014; 19-23
19. Jahangir U, Khan AA, Urooj S. (2014). Evaluation of a classical Unani Phamacopial formulation safoof-e-muhazzil in hyperlipidemia: A randomized, standard controlled clinical study. *Journal of pharmacy & BioAllied Sciences*, 6(3). 167-179. **ISSN: Print -0976-4879, Online - 0975-7406**
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Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers):					
Sl. No.	Authors/editors (list all)	Title	ISBN	Year of publication	Publishers including city
1	Jahangir, Umar., Urooj,shaista., & Ali, Asim	<i>Metabolic Syndrome and Alternative Medicine.</i>	(ISBN : 978-3- 639- 51619-7).	(2013)	Germany: Scholar’s Press,
2	Javaid, Raheela., Javaid,	<i>Hyperlipidaemi</i>	(ISBN : 978-3-	(2013)	Germany:

Rasikh., & Khan, Asim Ali	<i>a: A lifestyle Disorder.</i>	659-36707-6)	LAMBERT Academic Publishing.
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Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

Citation and h-index: (Google Scholar Data)

Name of the Faculty	Citations	h-index
Prof. Shakir Jameel/ Dr. Fasihuzzaman	23	
Dr. Fasihuzzaman/ Dr. Azhar Jabeen	3	
Dr. Asim Ali Khan/ Dr. Umar jahangir	2	
Dr. Akhtar Sidique/ Dr. Fasihuzzaman	5	
Dr. Yasmeen Shamsi	5	

▪ **Citation Index – range/average**

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- B. Citation for “Sheikh Haneef Mohammad, Fasihuzzaman, Azhar Jabeen, M. A. Siddiqui. (2014).**

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23	Details of patents and income generated:	NA
24	Areas of consultancy and income generated:	<ul style="list-style-type: none"> • Consultancy to CCRUM, Dept. Of AYUSH, for Training to their Research Officers • consultancy to Hamdard Wakf Laboratories India, for training their physicians
25	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries	<u>Dr Asim Ali Khan</u> <ul style="list-style-type: none"> • Visited Payame Noor University 2011

	in India and abroad:	<ul style="list-style-type: none"> • Visited University of Mississippi, USA, 2011, 2013, • Visited institute of Integrated Medicine, Colombo, 2013 & 2014 								
26	Faculty serving in: (i) National committees (ii) International committees: NIL (iii) Editorial Boards of journals (iv) any other (please specify)	<ul style="list-style-type: none"> • 03 Faculty members in Editorial Boards of journal- <i>Indian Journal of Unani Medicine</i> • Expert in the “ committee for Para-medical training courses in Unani” of the examining body for para-medical training for BharatiyaChikitsa , Delhi, Government of NCT of Delhi • As an Expert In Curriculum Committee by CCIM for finalizing of UG & PG syllabus • As Expert in Various State and National level selection committee 								
27	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):	<table border="1"> <thead> <tr> <th>Name of faculty member</th> <th>Title of program</th> <th>Institution where attended</th> <th>Duration (dates)</th> </tr> </thead> <tbody> <tr> <td>Mohammad Maaz</td> <td>CME program for Teachers</td> <td>Jamia Tibia Deoband , UP</td> <td>12-17 Dec 2014</td> </tr> </tbody> </table>	Name of faculty member	Title of program	Institution where attended	Duration (dates)	Mohammad Maaz	CME program for Teachers	Jamia Tibia Deoband , UP	12-17 Dec 2014
Name of faculty member	Title of program	Institution where attended	Duration (dates)							
Mohammad Maaz	CME program for Teachers	Jamia Tibia Deoband , UP	12-17 Dec 2014							
28	Student projects:	<ul style="list-style-type: none"> • percentage of students who have done in-house projects including inter-departmental projects: 100% • percentage of students doing projects in collaboration with other universities/ industry/institute: NIL 								
29	Awards /recognitions received at the national and international level by	<ul style="list-style-type: none"> • Faculty <ul style="list-style-type: none"> ➤ Yasmeen Shamsi: Significant Contribution Award in Unani Medicine, Awarded by All India Institute of Medical Sciences in International Multidisciplinary Conference, organised by AIIMS, on ,,2013. ➤ Yasmeen Shamsi: National Award 2014, awarded by Dr. Ahmed Ashraf Memorial Unani Specialty Treatment Centre for Paralysis, Hyderabad, in International Seminar on Neuro-Rehabilitation and Management of Paralysis in Unani Medicine, on 20-22 August, 2015 • Doctoral/post doctoral fellows : NIL • Students : NIL 								

30	Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any.:				
	Title Seminars/Conferences/ Workshops	Dates	No. of participants		Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme
	National Seminar on LifeStyle Disorders and Role of Unani Medicine	March 6, 2012	240		
	Training Cum workshop Programme In Ilaj bitadbeer for CCRUM officers, at Department of Moalijat, Faculty of Medicine, Jamia Hamdard, New Delhi,	October 1-10, 2012.	15		
	Hands on Training in Ilaj bitadbeer for the CCRUM Research officers	7-9-2015 to 12-09-2015			
Series of Re orientation Training workshop of Unani Physicians from Hamdard Labs India at Department of Moalijat, Jamia hamdard,	First conducted from 5 th Dec to 23 rd 2015	05			
31	Code of ethics for research followed by the departments:		(iii) Institutional Ethics Committee for Clinical study (iv) Institutional Animal Ethics Committee		
32	Student profile programme-wise:				
	Name of the Programme (refer to question/point no. 4)	Applications received	Selected		Pass percentage
	MD (Moalijat)		Male	Female	Male Female
	2011	66	-	2	100%
	2012	58	1	2	
	2013	46	1	1	
	2014	38	2	1	
2015	52	-	3		
33	Diversity of students:				
	Name of the Programme (refer to question/point no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
	MD (Moalijat)				
	2011	100%	-	-	-
2012	100%	-	-	-	

	2013	50%	50%	-	--										
	2014	33.5%		66.5%	-										
	2015	66.5%	33.5%		-										
34	How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:			NA											
35	Student progression:														
	Student progression		Percentage against enrolled												
	UG to PG		10%												
	PG to M.Phil.														
	PG to Ph.D.														
	Ph.D. to Post-Doctoral														
	Employed		20%												
	<ul style="list-style-type: none"> • Campus selection: Nil • Other than campus recruitment 		20%												
	Entrepreneurs		50%												
36	Diversity of staff:			<table border="1"> <tr> <th colspan="2">Percentage of faculty who are graduates</th> </tr> <tr> <td>of the same university</td> <td>09</td> </tr> <tr> <td>from other universities within the State</td> <td>Nil</td> </tr> <tr> <td>from universities from other States</td> <td>01</td> </tr> <tr> <td>from universities outside the country</td> <td>Nil</td> </tr> </table>		Percentage of faculty who are graduates		of the same university	09	from other universities within the State	Nil	from universities from other States	01	from universities outside the country	Nil
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of the same university	09														
from other universities within the State	Nil														
from universities from other States	01														
from universities outside the country	Nil														
37	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period			NIL											
38	Present details of departmental infrastructural facilities with regard to			<p>k) Library: The Faculty library has all the necessary resources and facilities and in addition there is the Central Library which is located within the campus and is available for all Faculties of the University.</p> <p>l) Internet facilities for staff and students Jamia Hamdard has facilitated in providing internet access through 1 GB fiber Optic cables as well as Wifi throughout the campus. All the classrooms, labs, research labs, offices, hostels and the entire campus has internet connectivity which has strengthened the academic and research activities of the Department.</p> <p>m) Total number of class rooms : one at Department and 5 as common pool</p> <p>n) Class rooms with ICT facility: 01</p> <p>o) Students' laboratories : 02</p> <p>p) Research laboratories : 01</p> <p>q) Ilaj Bit Tadabeer (Regimenal Therapies Section)</p> <p>r) Majeedia Unani Hospital for practical</p>											

		Training of Students both UG & PG	
39	List of doctoral, post-doctoral students and Research Associates: NIL (i) from the host institution/university (ii) from other institutions/universities	NIL	
40	Number of post graduate students getting financial assistance from the University.	08	
41	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	NA	
42	Does the department obtain feedback from	<ul style="list-style-type: none"> • Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES <ul style="list-style-type: none"> • Department obtains the periodic feedback from students as well as faculty members, discusses it in the Department meetings and board of studies meetings and measures for improvement/ progression in the teaching learning process accordingly (ii) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes <ul style="list-style-type: none"> • Yes, the feedback from students help us in formulating modifications and revisions of the curriculum for the PG program of our Department. The teaching methods are also revisited. (v) Alumni and employers on the programmes offered and how does the department utilize the feedback? <ul style="list-style-type: none"> • Yes, the feedback from Alumina and employers have been instrumental in initiating the development in MD programmes and which have been creating most of the jobs for students passing out from our Department. 	
43	List the distinguished alumni of the department (maximum 10)		
	Name	Course	Batch
	Dr. Abdul Kabir	MD	1997
	Dr Haroon	MD	2012
	Prof Shakir jameel	MD	
			Present position and affiliation
			Director General Govt. Health services ISM, J&K
			Managing Director Unani Medical Colege Ultra Khand,
			Girector General CCRUM (2010-2014)

44	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.	
45	List the teaching methods adopted by the faculty for different programmes.:	<ul style="list-style-type: none"> • Teachers of the Department adopt all the updated tools and techniques as well as teaching methodology Techniques for different programmes like use of Internet, LCD projector and contact classes, Chalk and blackboard. • Use of audiovisual facilities in the class where ever possible • All the teachers submit the name of weak students so that their problems can be redressed individually and so that can be prepared for the final evaluation. • Departmental Seminars • Clinical Demonstrations • Case presentations • Scientific and Educational Tours • Encouraging the PG students for paper presentations and publications.
46	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	<ul style="list-style-type: none"> • Department keeps a specific focus that the objectives set by the department in terms of teaching training and research are met. This is monitored by organizing interactive discussions among faculty and students.
47	Highlight the participation of students and faculty in extension activities.	<ul style="list-style-type: none"> • The students do actively participate in various extension activities in the Universities as well as outside university. One of the PG Students has recently visited China for having an understanding about the Chinese Traditional Medicine sponsored by Govt. of China.
48	Give details of “beyond syllabus scholarly activities” of the department	<ul style="list-style-type: none"> • The PG scholars of the Department do participate in different Seminars/conferences organized by different universities and organizations/ Institutions of the country. They also participate in other curricular and extracurricular activities within and outside the Universities
49	State whether the programme/department is accredited/graded by other agencies? If yes, give details	<ul style="list-style-type: none"> • Ministry of AYUSH • CCIM
50	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	<ul style="list-style-type: none"> • Department has been very focused in developing new understanding about different areas of health concern among the masses and accordingly the department has been identifying and

		<p>allocating research topics to the students. The Faculty members also remain involved in various case studies at their respective OPDs and IPDs. The results and knowledge thus obtained are being shared at different platforms as discussions, talks through electronic communications as well as publications in various journals/Magazines etc.</p>
<p>51</p>	<p>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.</p>	<p>Strengths</p> <ol style="list-style-type: none"> 1. Clinical Research 2. Experienced Teaching Faculty 3. Ilaj Bit Tadbeer (Regimenal Therapy) 4. Clinical Training to PG Scholars 5. Consultancy <p>Weaknesses</p> <ol style="list-style-type: none"> 1. Need to generate more funds 2. Need to Develop better infrastructure Facilities 3. Need to be more extra statutory and in depth research <p>Opportunities</p> <p>Need to grab the opportunity for</p> <ol style="list-style-type: none"> 1. The joint collaboration in Research with CCRUM 2. Having more interaction collaborations in terms of academics and research with the facility in faculty and HIMSR 3. having more interacting collaboration in terms of academics and research with the facilities in Faculty of Science and Pharmacy <p>Challenges</p> <ol style="list-style-type: none"> 1. Paucity of Funds To generate 2. The valid Research data with reference to various diseases and Unani Drugs 3. The Reference material for Unani System of Medicine and the concern subjects in Moalijat 4. The Literature and SOPs in Ilaj Bit Tadbeer 5. To generate more funds

52	Future plans of the department.	<p>Our objective along with significant, research and development is to develop Dept. of Moalijat as a center of higher excellence, which not only will be a pioneer institute for us but also for the other Unani learning centers in India and abroad and make Unani an attractive career option. In order to upgrade and update the professional knowledge, collaboration with experts in modern medicine is required. Upgradation and expansion of departments and post graduate education/trainings</p> <ul style="list-style-type: none"> • Joint collaboration in research with CCRUM • Department also plans that its PG student Researches shall also be focused on the areas of much concern by Govt. of India • The plans for extension and developing of Ilaj Bit Tadbeer Unit as a centre for Health Tourism • Department also plans to develop the time bound reference literature related to the subjects under purview of Moalijat Department • Smart classrooms at the Department • Invited guest lectures from within and outside the university • Development of various SOPs in regimens of Ilaj Bit Tadbeer • Organizing National conference on Life style Disorders and Ilaj Bit Tadbeer • Department is also in the process of reaching to the level of self reliance • Scientific and clinical validation and mechanism of actions for various Unani therapies in different disorders.
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EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	TASHREEH WO MUNAFUL AZA (ANATOMY AND PHYSIOLOGY)																							
2.	Year of establishment:	1989																							
3.	Is the Department part of a School/Faculty of the university?	Yes, Faculty of Medicine (Unani)																							
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	UG: BUMS																							
5.	Interdisciplinary programmes and departments involved:	NA																							
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA																							
7.	Details of programmes discontinued, if any, with reasons:	NA																							
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	Annual																							
9.	Participation of the department in the courses offered by other departments:	NA																							
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 30%;"></th> <th style="width: 15%;">Sanctioned</th> <th style="width: 15%;">Filled</th> <th style="width: 15%;">Actual (including CAS & MPS)</th> </tr> </thead> <tbody> <tr> <td>Professor</td> <td></td> <td>1</td> <td>1 CAS</td> </tr> <tr> <td>Associate Professors</td> <td>1</td> <td></td> <td></td> </tr> <tr> <td>Assistant Professors</td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td>Others</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					Sanctioned	Filled	Actual (including CAS & MPS)	Professor		1	1 CAS	Associate Professors	1			Assistant Professors	3	2	2	Others			
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Professor		1	1 CAS																						
Associate Professors	1																								
Assistant Professors	3	2	2																						
Others																									
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:																								
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years																			
	Prof. Syed Mehtab Ali	BIMS,	Professor and Head	Mubaful Aza	33 years	Nil																			
	Dr. Anwar Husain Khan	BUMS, MD	Assistant Professor	Mubaful Aza	16 years	Nil																			

	Dr. Khursheed Ahmad Ansari	BUMS, MD	Assistant Professor	Tashreeh	16 years	1
	Dr. Shahla Nazeer	BUMS,	Assistant Professor	Tashreeh	7 yrs teaching & 24 yrs clinical	Nil
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		NA			
13.	Percentage of classes taken by temporary faculty – programme-wise information:		Nil			
14.	Programme-wise Student Teacher Ratio:		Under Graduate 6.5:1			
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		Designation	Sanctioned	Filled/actual	
			Lab Attendant/ Senior Lab. Assistant	1	Nil 1	
			STA		Nil	
16.	Research thrust areas as recognized by major funding agencies:		Basic Fundamentals of Unani Medicine			
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: NA					
	Name of the faculty	Title of the Ongoing project		National/International funding agencies/Tenure	Grant received	
18.	Inter-institutional collaborative projects and associated grants received:		(i) National collaboration		Nil	
			(ii) International collaboration		Nil	
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years): NA		Funding agency	Project title, if any	Grant received	
			-	-	-	
20.	Research facility/centre with:		Nil			
21.	Special research laboratories sponsored by/created by industry or corporate bodies:		NA			
22.	Publications: (last 5 years):					

	<p>Prof Syed Mehbtab Ali (2013) Rabbani, SA and Ali , SM 2013 “Pharmacological studies on Khamira Marwarid : its effect on pentilentrazole induced seizures ,cognition and biochemical markers in Iranian Journal of phramcology and therapeutics. 12(2): 71-76</p> <p>Dr Anwar Husain Khan (2011) 1. Aftab M. and Khan A.H. (2011). “Tarkib-e-Advia ki taarikhi haisiyat aur zarurat wo ahmiyat”. In: Quarter Journal of Nawa-e-tibb-o-sehat, Allahabad, U.P. pp. 17-20, vol. 20, issue No. 2. ISSN 2348-9669</p> <p>(2012) 2. Khan A.H. and Aziz A. (2012). “Qalb ki ahmiyat Quran-e-karim ki roshni me”. In: Quarter Journal of Nawa-e-tibb-o-sehat, Allahabad, U.P. pp. 3-4, vol. 21, issue No. 2. ISSN 2348-9669 3. Ahmad M. and Khan A.H. (2012) “Elaj bil Ghiza”. In: Quarter Journal of Nawa-e-tibb-o-sehat, Allahabad, U.P. pp. 16-18, vol. 21, issue No. 3. ISSN 2348-9669 4. Ahmad M. and Khan A.H. (2012). “Taedia/udwa”. In: Quarter Journal of Nawa-e-tibb-o-sehat, Allahabad, U.P. pp. 33-36, vol. 21, issue No. 4. ISSN 2348-9669</p> <p>(2013) 5. Khan A.H. and Ahmad M. (2013). “Nizam-e-Ikhraj-e-bol ki munafeul azai ahmediat”. In: Quarter Journal of Nawa-e-tibb-o-sehat, Allahabad, U.P. pp. 20-23, vol. 22, issue No. 1. ISSN 2348-9669 6. Khan A.H. and Ahmad M. (2013) “Kabid quawati tibbiah kar sar chashma”. . In: Quarter Journal of Nawa-e-tibb-o-sehat, Allahabad, U.P. pp. 15-21, vol. 22, issue No 3 ISSN 2348-9669</p> <p>(2014) 7. Khan A.H and Ahmad. M (2014) “Jild ki Mafeul Azai wo Afadiat”. In: Quarter Journal of Nawa-e-Tibb-o-Sehat, Allahabaad,U.P, pp 38-41, vol. 23, issue no. 2, ISSN 2348-9669. 8. Ahmad. M and khan. A.H (2014) ”Unani Tariq-e-Illaj mein dalak ki ahmiyat wo afadiyat”. In: Quarter Journal of Nawa-e-Tibb-o-Sehat, Allahabaad, U.P. pp 38-43, vol.23, issue no.3, ISSN 2348-9669</p> <p>(2015) 9. Khan A.H (2015) “Unani Tibb ek Akhlaki science hai”. In: Quarter Journal of Nawa-e-Tibb-o-Sehat, Allahabaad, U.P.pp 34-35, vol. 24,issue no. 1, ISSN 2348-9669 0. Khan.A.H (2015) “Unani Tibb ek dimaghi science hai jo ehsas-e- khudi se mutallique hai”. In: Quarter Journal of Nawa-e-Tibb-o-Sehat, Allahabaad,U.P. pp 26-27, vol.24, issue no.2,ISSN 2348-9669 11. Khan.A.H (2015). “jism-e-insan Unani tibbi tashreeh-e-badan wo takreeb-e-ajsam”. In: quarter journal of nawa-e-tibb-o-sehat, allahabaad, U.P. pp 35-37, vol. 24, issue no. 3, ISSN 2348-9669</p> <p>Publication in conference proceedings Khursheed , A 2013 Medical connections between Arabs and India: Tresspassing through memory lane. in “ First International Seminar on Unani medicine” held on 11- 12th Feb 2013 Dubai organized by Govt of Dubai and Rex Remedies Delhi Khursheed, A. 2015 in “ National Dhanwantari week celebration” from 1st to 6th Nov 2015 organised bye IMA-AYUS at Hindi Bhawan, Vishnu digambar Jain Mandir. Near ITO New Delhi.</p>	
23.	Details of patents and income generated:	NA
24.	Areas of consultancy and income generated:	NA
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	International; Prof Syed Mehtab Ali Visited Islamic republic of Iran for exchange of Unani science in Unani educational institute in Iran

26.	Faculty serving in: v. National committees - 1. Prof Syed Mehtab Ali served as invitee in CCIM and Bhartiya Chikitsa Parishad Delhi and Member ICMR committee 2. Dr Khursheed Ahmad Ansari Nominated member of Delhi Bhartiya Chikitsa Parishad Delhi Executive Member in DBCP, Delhi Member Expert committees of course designing and up gradation of Tashreeh in committees of CCIM in 2010, 2011, 2013 and 2015 Editorial Boards of journals Dr Khursheed Ahmad Ansari is member of Editorial board of National environment and science academy and journal of Jamia Millia islamia any other (please specify) Dr Khursheed Ahmad Ansari is life time Member of Indian science academy society. International committees - Editorial Boards of journals - 02																																										
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs): <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 25%;">Name of faculty member</th> <th style="width: 25%;">Title of programme</th> <th style="width: 25%;">Institution where attended</th> <th style="width: 25%;">Duration (dates)</th> </tr> </thead> <tbody> <tr> <td>Dr. Anwar H Khan</td> <td>TOT</td> <td>NIUM, Bangluru</td> <td>16 Jan 2012 to 21 Jan 2012</td> </tr> </tbody> </table>						Name of faculty member	Title of programme	Institution where attended	Duration (dates)	Dr. Anwar H Khan	TOT	NIUM, Bangluru	16 Jan 2012 to 21 Jan 2012																													
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			2015-2016	1228	19	31	
Total			5791	78	150		
33.	Diversity of students: NA						
	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries		
				-	-		
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:		01				
35.	Student progression:		UG to PG: 20%				
	Student progression			Percentage against enrolled			
	UG to PG			10:1			
	PG to M.Phil.			NA			
	PG to Ph.D.			NA			
	Ph.D. to Post-Doctoral			NA			
	Employed			Campus selection-NA			
	<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 			Self employment and clinics			
	Entrepreneurs			<ul style="list-style-type: none"> • Majority of pass-out students run their own Clinics/Health Centres/ pharmaceutical companies. • PG students have been selected as faculty members in various Unani Medical Colleges such as AMU, Delhi University, NIUM etc • PG students have been selected as Research Officer at Central Council for Research in Unani Medicine 			
36.	Diversity of staff:		Percentage of faculty who are graduates				
	of the same university			25%			
	from other universities within the State			50%			
	from universities from other States			25%			
	from universities outside the country			--			
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment		None				

	period:	
38.	Present details of departmental infrastructural facilities with regard to	xii. Library - Yes xiii. Internet facilities for staff and students (University wifi) - Yes xiv. Total number of class rooms - 5 xv. Class rooms with ICT facility - Nil xvi. Students' laboratories - 2 xvii. Research laboratories - Nil
39.	List of doctoral, post-doctoral students and Research Associates:	NIL
40.	Number of post graduate students getting financial assistance from the university.:	9
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	NA
42.	Does the department obtain feedback from:	Yes
43.	List the distinguished alumni of the department (maximum 10):	Distinguished Alumni Dr. Mohd. Fazil, Assistant Director & Incharge, HAK Institute of Literary and Historical Research in Unani Medicine, CCRUM Dr Rashidullah Khan, Vice President CCIM, Govt of India Afsar Ali, IRS 2010, deputy commissioner Excise and customs . Delhi Dr Abdul Kabir Dar, Director ISM, J and K Govt
44.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	Compulsory Regular Internal Assessment tests. Career planning counseling Feedback of alumni is taken regularly.
45.	List the teaching methods adopted by the faculty for different programmes.:	Board/Chalk Over head Projection LCD Projection Seminar Presentation Extension Lectures Group Discussion
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	Organization of extension lectures from time to time and renowned scholars. Debates, quiz programmes, student seminars, survey activities etc.
47.	Highlight the participation of students and faculty in extension activities.	Swachh Bharat Abhiyan on 2 nd Oct 2014. Blood donation camps and Social awareness programs as, DIABETES DAY, Pulse Polio, HIV /AIDS awareness program, immunization awareness, lectures on HIV/AIDS etc.
48.	Give details of “beyond syllabus scholarly activities” of the department.	Regularly attend the Seminar, Conferences, Workshops on Unani Medicine

49.	State whether the programme/ department is accredited/graded by other agencies? If yes, give details:	Accredited by NAAC
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	Nil
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	<p>Strengths:</p> <ol style="list-style-type: none"> 4. Regularity and punctuality of teaching and nonteaching staff 5. Department is involved in social; upliftment program 6. Often engagements in various awareness , developmental and community concern programs. <p>Weaknesses</p> <p>Non availability of smart classes research opportunities are meager</p> <p>Challenges</p> <ol style="list-style-type: none"> 1.Post graduate courses to be started soon in Applied anatomy and physiology 2. Generate research opportunities and inculcate logical aptitude in students regarding the system of Unani medicine. 3.Efforts to be made for popularization of Unani medicine ,among masses
52.	Future plans of the department:	<ol style="list-style-type: none"> 3. Post graduate courses in Anatomy and Physiology. 4. To collaborate with HIMSR for exchange of knowledge between students and faculties.

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	KULLIYAT (PRINCIPLES OF MEDICINE)				
2.	Year of establishment:	1994				
3.	Is the Department part of a School/Faculty of the university?	Yes, Faculty of Medicine (U)				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	XV. Pre Graduate course (Pre Tibb) XVI. UG (BUMS)				
5.	Interdisciplinary programmes and departments involved:	NA				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA				
7.	Details of programmes discontinued, if any, with reasons:	NA				
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Annual				
9.	Participation of the department in the courses offered by other departments:	BSc. Nursing Course work in Faculty of Nursing				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor		1	1	
		Associate Professors	1			
		Assistant Professors	0	1	1	
		Pre Tibb Teacher	2	1	1	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided for the last 5 years

	Dr.Ashhar Qadeer	MD, PhD	Associate Professor/ Head	Basic Priciples of Unani Medicne	20	N.A.						
	Dr. Abdul Bari	BUMS, MA	Assistant Professor	Literature Review	30	N.A.						
	Dr. Ayesha	M Sc, Ph D	Pre Tibb Teacher	Mineral Grug Toxicity	30	N.A.						
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	Prof. Wamiq Amin, Head Dept. of Mahiat al Amaraz, AMU, Aligarh Prof. Akbar Rzwi, Head Dept. of Kulliyat, A & U Tibbia College, New Delhi Prof. Mufeed Ahmned, Head Dept. of Kulliyat, Eram Unani Medical College, Lucknow										
13.	Percentage of classes taken by temporary faculty – programme-wise information:	Pre –Tibb: 20%										
14.	Programme-wise Student Teacher Ratio:	Pre Tibb : 10:1 BUMS : 50:1										
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Designation</th> <th style="width: 20%;">Sanctioned</th> <th style="width: 40%;">Filled/actual</th> </tr> </thead> <tbody> <tr> <td>Senior Lab Assistant</td> <td style="text-align: center;">01</td> <td style="text-align: center;">01</td> </tr> </tbody> </table>					Designation	Sanctioned	Filled/actual	Senior Lab Assistant	01	01
Designation	Sanctioned	Filled/actual										
Senior Lab Assistant	01	01										
16.	Research thrust areas as recognized by major funding agencies:	Practical execution of Umoore Tabiya										
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: 0											
18.	Inter-institutional collaborative projects and associated grants received:	0										
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	0										
20.	Research facility/centre with:	N.A.										
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	None										
22.	Publications: (last 5 years):											

	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): none • Monographs: None • Chapters in Books: 6 • Edited Books : 1 • Books with ISBN with details of publishers:3 <p>Publications Detail</p> <p>Books</p> <p>Authored: 04</p> <p>2015</p> <ol style="list-style-type: none"> 1. Ashhar Qadeer (2015), Bayn al- Sutur, 2nd Edition, M.R. Publications, Dariya Ganj, New Delhi-110002, Pages:271,ISBN:9789383282074 2. Abdul Bari Falahi (2015) Aasaan Arabi Qawaid(Urdu) 1st Edition, authored by, A.B. Falahi, Tughlakabad Extension, New Delhi-110009,Pages 240, ISBN: Does not exist <p>2012</p> <ol style="list-style-type: none"> 3. Ashhar Qadeer (2012), Tarikhe Tibb wa Akhlaqiyat, 5th Edition, M.R. Publications, Dariya Ganj, New Delhi-110002, Pages: 320, ISBN:9789380934563 4. Ashhar Qadeer (2012),Mashhoor Muwarrikh Abul qasim Farishtah ki Muntakhib ayurvedic advia, 1st Edition, applied Books Publishers and Distributers, New Delhi-110002, Pages :144,ISBN: 139788192420333 <p>Book Edited: 01</p> <p>2015</p> <ol style="list-style-type: none"> 1. Ashhar Qadeer (2015), Tibbi Urdu Makhtootat:Ahmiyat, Ifadiyat aur Zaroorat, 1st Edition, Rampur Raza Library, Rampur, UP-244901 <p>Translated: 02</p> <p>2013</p> <ol style="list-style-type: none"> 1. Abdul Bari Falahi (2013) Risalah Dawa al atfaal (Urdu) 1st Edition, authored by Hakeem Alwi Khan, A.B. Falahi, Tughlakabad Extension, New Delhi-110009, ISBN: Does not exist <p>2012</p> <ol style="list-style-type: none"> 2. Abdul Bari Falahi (2012) Tabqat al-Atibba (Urdu) 1st Edition, authored by Ibn Juljul, A.B. Falahi, Tughlakabad Extension, New Delhi-110009, ISBN: Does not exist <p>Chapters in edited volumes:6</p> <p>2015</p> <ol style="list-style-type: none"> 1. Ashhar Qadeer (2015), Unani Medicine in Indigenous Stain, with Reference to Some of Its Notable Indian Resources,in: India’s Indigenous Medical Systems, Syed Ejaz Hussain and Mohit Saha (editors.), Primus Books, New Delhi-110009,pp201-210 (ISBN No. 9789380607627) 2. Ashhar Qadeer (2015) Kitab ai- Miah Fi al –Tibb, in: Tibbi Urdu Makhtootat,: Ahmiyat, Ifadiat, Zaroorat, Ashhar Qadeer (edt.), Rampur Raza Library, Rampur, U. P.- 244901, pp168-179 (ISBN No. 9789382949282) 3. Ashhar Qadeer (2015) Tibbi Tnqeehaat ek aham Urdu Tibbi makhtoota, in: Tibbi Urdu Makhtootat,: Ahmiyat, Ifadiat, Zaroorat, Ashhar Qadeer (edt.), Rampur Raza Library, Rampur, U. P.- 244901, pp168-179 (ISBN No. 9789382949282) 4. Abdul Bari Falahi (2015) Tarjume ki ahmiyat aur Urdu Tibbi Makhtoote, in: Tibbi Urdu Makhtootat,: Ahmiyat, Ifadiat, Zaroorat, Ashhar Qadeer (edt.), Rampur Raza Library, Rampur, U. P.- 244901. Pp98-107 (ISBN No. 9789382949282) <p>2013</p> <ol style="list-style-type: none"> 1. Ashhar Qadeer (2013), Contents of the Curriculum in M.D, Munafeul Aza, in: Education
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	<p>and Research in Munafeul Aza, Iqtidar Hasan Zaidi & Ghulam Muntaqa (editors), pub. Department of Munafeul Aza, A. K. Tibbia College, AMU, Aligar-202002,pp37-43 (ISBN No. 9788192755717)</p> <p>2012</p> <p>1. Ashhar Qadeer, M. Aftab (2012),Contribution of Hakim Abdul Hameed towards Science and Medicine, in: Hakeem Abdul Hameed as seen by his contemporaries, Abid Raza Bedar (editor),Educational Publishing House, Delhi-110006, pp 55-62 (ISBN No.9788182238855)</p> <p>Papers published in Journals: 5 International:1</p> <p>2014</p> <p>1. Qadeer, A., M. Usama Ashhar (2014) Concept of Nutrigenomics Exists in Unani Medical Philosophy, Journal Of Pharmacy and Pharmaceutical Sciences, Jinnah University for Women, Karachi, Pakistan, Vol. 2, No. 2, pp 26-30(ISSN:2311-4673)</p> <p>National: 4</p> <p>2015</p> <p>1. Qadeer, A., (2015) Tibbe Unani Ki Taleem-o-Tarbiat Mein Urdu Zaban Ka kirdar, Tarjumane Tibb, National Institute of Unani Medicine, Bangalore, Vol. 1, Issue. 2, pp 52-59</p> <p>2. Qadeer, A.,(2015)Taftar al-Masih ki Tibbi Khidmaat, Nawa-e-Tibb-o-Sehat, Begum Sarai, Alahabad,U.P., special issue, date not mentioned, pp 89-96(ISSN:2348-9669)</p> <p>2012</p> <p>1. Qadeer, A.,(2012), Masihul Mulk Hakim Ajmal Khan, Ek Naye Zawiae Nigah Se, Jahan-e-Tibb, CCRUM, New Delhi, Vol. 13 – Issue 3. pp16-19(ISSN:0974-1372)</p> <p>2011</p> <p>2. Qadeer, A.,(2011), Tibb-i Unani Ke Nisaab-i Taleem Mein Mantique Wa Falsafah Ek Bahis Ba Hawalah Dalalat, Jahan-e-Tibb, CCRUM, New Delhi, Vol. 12 – Issue 4-p 15-22(ISSN:0974-1372)</p> <p>Papers on E-Journals:1</p> <p>2013</p> <p>Imran, M., Shadab Samad, Mohammad Maaz, Ashhar Qadeer (2013), Hippocratic oath and conversion of ethico-regulatory aspects onto doctors as a physician, private individualand a clinical investigator, loaded on www.jmidlifehealth.org, November 28, 2013-IP: 14,139,58,50</p> <p>Publication in conference proceedings</p> <p>1. Qadeer, A.,(2012), Hindustan Mein Tibbe Unani Ka Qaede Sani, Hakim Abdul Hameed, proceedings of the Second Hamdard International Integrative Medicine Conference, November 24 to 26,2008, Faculty of Eastern Medicine , Karachi Pakistan, pp39-54</p>	
23.	Details of patents and income generated:	N.A.
24.	Areas of consultancy and income generated:	N.A.
25.	Faculty selected nationally/internationally to visit other laboratories/institutions / industries in India and abroad:	None

<p>26.</p>	<p>Faculty serving in:</p> <p>(xvi) National committees: 01</p> <table border="1" data-bbox="488 310 1531 453"> <tr> <td data-bbox="488 310 802 380">Dr. Ashhar Qadeer</td> <td data-bbox="802 310 992 380">Role</td> <td colspan="3" data-bbox="992 310 1531 380">National Committee</td> </tr> <tr> <td></td> <td data-bbox="802 380 992 453">Expert</td> <td colspan="3" data-bbox="992 380 1531 453">National Council for Promotion Urdu Language</td> </tr> </table> <p>(xvii) International committees: None (xviii) Editorial Boards of journals: None</p>					Dr. Ashhar Qadeer	Role	National Committee				Expert	National Council for Promotion Urdu Language																																																					
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<p>27.</p>	<p>Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs): Teaching and Training Programme organized by different departments of Jamia Hamdard, time to time, on the topics of academic and research interests. The faculties are invited to attend the same.</p>																																																																	
<p>28.</p>	Student projects:	None																																																																
<p>29.</p>	<p>Awards /recognitions received at the national and international level by:</p>																																																																	
	Faculty	Name of Award	In the year																																																															
	Dr. Ashhar Qadeer	AIUTC Delhi State Annual Award 2011	2012																																																															
<p>30.</p>	<p>Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, :None</p>																																																																	
<p>31.</p>	<p>Code of ethics for research followed by the departments:</p>	N.A.																																																																
<p>32.</p>	<p>Student profile programme-wise:</p> <table border="1" data-bbox="358 1430 1531 1923"> <thead> <tr> <th data-bbox="358 1430 656 1556" rowspan="2">Name of the Programme</th> <th data-bbox="656 1430 818 1556" rowspan="2">Year</th> <th data-bbox="818 1430 1024 1556" rowspan="2">Application Received</th> <th colspan="2" data-bbox="1024 1430 1312 1503">Total No. of Student</th> <th data-bbox="1312 1430 1531 1556" rowspan="2">Pass Percentage (%)</th> </tr> <tr> <th data-bbox="1024 1503 1154 1556">Male</th> <th data-bbox="1154 1503 1312 1556">Female</th> </tr> </thead> <tbody> <tr> <td data-bbox="358 1556 656 1745" rowspan="5">Pre Tibb</td> <td data-bbox="656 1556 818 1598">2011-2012</td> <td data-bbox="818 1556 1024 1598">165</td> <td data-bbox="1024 1556 1154 1598">09</td> <td data-bbox="1154 1556 1312 1598">02</td> <td data-bbox="1312 1556 1531 1598">100%</td> </tr> <tr> <td data-bbox="656 1598 818 1640">2012-2013</td> <td data-bbox="818 1598 1024 1640">151</td> <td data-bbox="1024 1598 1154 1640">10</td> <td data-bbox="1154 1598 1312 1640">01</td> <td data-bbox="1312 1598 1531 1640">100%</td> </tr> <tr> <td data-bbox="656 1640 818 1682">2013-2014</td> <td data-bbox="818 1640 1024 1682">129</td> <td data-bbox="1024 1640 1154 1682">08</td> <td data-bbox="1154 1640 1312 1682">02</td> <td data-bbox="1312 1640 1531 1682">100%</td> </tr> <tr> <td data-bbox="656 1682 818 1724">2014-2015</td> <td data-bbox="818 1682 1024 1724">97</td> <td data-bbox="1024 1682 1154 1724">09</td> <td data-bbox="1154 1682 1312 1724">02</td> <td data-bbox="1312 1682 1531 1724">100%</td> </tr> <tr> <td data-bbox="656 1724 818 1745">2015-2016</td> <td data-bbox="818 1724 1024 1745">93</td> <td data-bbox="1024 1724 1154 1745">07</td> <td data-bbox="1154 1724 1312 1745">03</td> <td data-bbox="1312 1724 1531 1745">Exam awaited</td> </tr> <tr> <td align="center" colspan="2" data-bbox="358 1745 656 1776">Total</td> <td data-bbox="818 1745 1024 1776">635</td> <td data-bbox="1024 1745 1154 1776">43</td> <td data-bbox="1154 1745 1312 1776">10</td> <td data-bbox="1312 1745 1531 1776">100%</td> </tr> <tr> <td data-bbox="358 1776 656 1923" rowspan="4">BUMS</td> <td data-bbox="656 1776 818 1818">2011-2012</td> <td data-bbox="818 1776 1024 1818">695</td> <td data-bbox="1024 1776 1154 1818">25</td> <td data-bbox="1154 1776 1312 1818">25</td> <td data-bbox="1312 1776 1531 1818">100%</td> </tr> <tr> <td data-bbox="656 1818 818 1860">2012-2013</td> <td data-bbox="818 1818 1024 1860">1242</td> <td data-bbox="1024 1818 1154 1860">14</td> <td data-bbox="1154 1818 1312 1860">32</td> <td data-bbox="1312 1818 1531 1860">100%</td> </tr> <tr> <td data-bbox="656 1860 818 1902">2013-2014</td> <td data-bbox="818 1860 1024 1902">1771</td> <td data-bbox="1024 1860 1154 1902">19</td> <td data-bbox="1154 1860 1312 1902">31</td> <td data-bbox="1312 1860 1531 1902">100%</td> </tr> <tr> <td data-bbox="656 1902 818 1923">2014-2015</td> <td data-bbox="818 1902 1024 1923">855</td> <td data-bbox="1024 1902 1154 1923">19</td> <td data-bbox="1154 1902 1312 1923">31</td> <td data-bbox="1312 1902 1531 1923">100%</td> </tr> </tbody> </table>					Name of the Programme	Year	Application Received	Total No. of Student		Pass Percentage (%)	Male	Female	Pre Tibb	2011-2012	165	09	02	100%	2012-2013	151	10	01	100%	2013-2014	129	08	02	100%	2014-2015	97	09	02	100%	2015-2016	93	07	03	Exam awaited	Total		635	43	10	100%	BUMS	2011-2012	695	25	25	100%	2012-2013	1242	14	32	100%	2013-2014	1771	19	31	100%	2014-2015	855	19	31	100%
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		2015-2016	1228	19	31	Exam awaited
Total			5791	95	150	
33.	Diversity of students:					
	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries	
	Pre Tibb	2010-2011	22.22	77.78	00.00	
		2011-2012	36.36	63.64	00.00	
		2012-2013	18.18	72.73	00.00	
		2013-2014	10.00	90.00	00.00	
		2014-2015	00.00	90.00	10.00	
		2015-2016	00.00	90.00	10.00	
	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries	
	BUMS	2010-2011	04.08	95.92	00.00	
		2011-2012	29.41	64.71	5.88	
		2012-2013	26.09	73.91	00.00	
		2013-2014	30.43	69.57	00.00	
		2014-2015	36.00	64.00	00.00	
2015-2016		30.00	68.00	02.00		
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	01 (2011 selected in civil services) Afsar Ali, IRS 2010, deputy commissioner Excise and customs. Delhi				

35.	Student progression:	Pre Tibb to BUMS 100%			
		UG to PG: 20%			
		Student progression	Percentage against enrolled		
		Pre Tibb to UG	10:10		
		UG to PG	10:1		
		PG to Ph.D.	NA		
		Ph.D. to Post-Doctoral	NA		
		Employed • Campus selection • Other than campus recruitment	Campus selection-NA Self-employment and clinics		
Entrepreneurs	<ul style="list-style-type: none"> Majority of pass-out students run their own Clinics/ pharmaceutical companies. PG students have been selected as faculty members in various Unani Medical Colleges such as AMU, Delhi University, NIUM etc PG students have been selected as Research Officers by the Central Council for Research in Unani Medicine. 				
36.	Diversity of staff:	Percentage of faculty who are qualified			
			BUMS/BSc	MD/MA/MSc	PhD
		Of the same University	0%	0%	33.33%
		From other universities within the state	33.33%	0%	33.33%
		From universities other States	66.66%	100%	0%
From universities outside the country	0%	0%	0%		
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	01			
38.	Present details of departmental infrastructural facilities with regard to	<p>s) Library: No Departmental Library, the faculty library as well as central library has all the necessary resources and facilities and it is located within the campus.</p> <p>t) Internet facilities for staff and students Jamia Hamdard has facilitated in providing internet access through 1 GB fiber Optic cables as well as Wifi throughout the campus. All the classrooms, M.Sc. labs, research labs, offices, hostels and the entire campus has internet connectivity which has strengthened the academic and</p>			

		<p>research activities of the Department.</p> <p>u) Total number of class rooms : 02</p> <p>v) Class rooms with ICT facility : 00</p> <p>w) Students’ laboratories : 02</p> <p>x) Research laboratories : 00</p>
39.	List of doctoral, post-doctoral students and Research Associates:	None
40.	Number of post graduate students getting financial assistance from the university:	09
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.	No
42.	Does the department obtain feedback from the student:	Yes, feedback taken by class discussins.
43.	List the distinguished alumni of the department (maximum 10):	<ul style="list-style-type: none"> • Dr Rashidullah Khan, Ex- president, and now Vice President of CCIM, Govt of India • Afsar Ali, IRS 2010, deputy commissioner Excise and Customs. Delhi • Dr Abdul Kabir Dar, Director ISM, Govt. of J & K. • Dr Ghazala Javed: A.D CCRUM Now deputed in Ministry of AYUSH Govt. of India • Dr. Mohammad Fazil,Assistant Director& Incharge, HAK Institute of Literary and Historical Research in Unani Medicine, CCRUM, New Delhi • Dr Farha Ahmad: Looking after Europe Division of IC (International Cooperation) for Ministry of AYUSH Govt. of India • Dr Shamshad Bano: CCIM Secretary, Ministry of AYUSH Govt. of India
44.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	Students attend the special lectures delivered by external experts, organized by Jamia Hamdard on different topics. Information available on PRO desk.
45.	List the teaching methods adopted by the faculty for different programmes.	<p>Board & Chalk</p> <p>Over head Projection</p> <p>LCD Projection</p> <p>Practicals</p> <p>Scientific and Educational Tours</p> <p>Visit to Exhibitions and Book Fairs</p>

46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	On the basis of pass percentage of the internal assessment tests.
47.	Highlight the participation of students and faculty in extension activities:	Cultural competitive events inside and outside of the university. Sports competitive events inside and outside of the university. Swachh Bharat Abhiyan on 2 nd Oct 2014. Health awareness walks, Health camps and Mela, National Social Programmes on (Swachh Bharat Abhiyaan, HIV ,Cancer ,Disaster Awareness, Human’s Rights day, Vaccination awareness,Tobacco awareness day) etc.
48.	Give details of “beyond syllabus scholarly activities” of the department:	<p>Book Authored: 04</p> <ol style="list-style-type: none"> 1. Ashhar Qadeer (2012), Mashhoor Muwarrikh Abul qasim Farishtah ki Muntakhib ayurvedic advia, 1st Edition, applied Books Publishers and Distributers, New Delhi-110002, Pages :144, ISBN: 139788192420333 2. Ashhar Qadeer (2015), Bayn al- Sutur, 2nd Edition, M.R. Publications, Dariya Ganj, New Delhi-110002, Pages:271, ISBN:9789383282074 <p>Edited: 01</p> <ol style="list-style-type: none"> 1. Ashhar Qadeer (2015), Tibbi Urdu Makhtootat: Ahmiyat, Ifadiyat aur Zaroorat, 1st Edition, Rampur Raza Library, Rampur, UP-244901 <p>Translated: 02</p> <ol style="list-style-type: none"> 2. Abdul Bari Falahi (2012) Tabqat al-Atibba (Urdu) 1st Edition, authored by Ibn Juljul, A.B. Falahi, Tughlakabad Extension, New Delhi-110009, ISBN: Does not exist 3. Abdul Bari Falahi (2013) Risalah Dawa al atfaal (Urdu) 1st Edition, authored by Hakeem Alwi Khan, A.B. Falahi, Tughlakabad Extension, New Delhi-110009, ISBN: Does not exist <p>Chapters in edited volumes:6</p> <ol style="list-style-type: none"> 1. Ashhar Qadeer, M. Aftab (2012), Contribution of Hakim Abdul Hameed towards Science and Medicine, in: Hakeem Abdul Hameed as seen by his contemporaries, Abid Raza Bedar (editor), Educational Publishing House, Delhi-110006, pp 55-62 <ol style="list-style-type: none"> a. (ISBN No.9788182238855) 2. Ashhar Qadeer (2013), Contents of the Curriculum in M.D, Munafeul Aza, in: Education and Research in Munafeul Aza, Iqtidar Hasan Zaidi & Ghulam Muntaqa (editors), pub. Department of Munafeul Aza, A. K. Tibbia College, AMU, Aligar-202002, pp37-43 <ol style="list-style-type: none"> a. (ISBN No. 9788192755717) 3. Ashhar Qadeer (2015), Unani Medicine in Indigenous Stain, with Reference to Some of Its Notable Indian Resources, in: India’s Indigenous Medical Systems, Syed Ejaz Hussain and Mohit Saha (editors.), Primus Books, New Delhi-110009, pp201-210

		<p>a. (ISBN No. 9789380607627)</p> <p>4. Ashhar Qadeer (2015) Kitab ai- Miah Fi al –Tibb, in: Tibbi Urdu Makhtootat,; Ahmiyat, Ifadiat, Zaroorat, Ashhar Qadeer (edt.), Rampur Raza Library, Rampur, U. P.- 244901, pp168-179 (ISBN No. 9789382949282)</p> <p>5. Ashhar Qadeer (2015) Tibbi Tnqeehaat ek aham Urdu Tibbi makhtoota, in: Tibbi Urdu Makhtootat,; Ahmiyat, Ifadiat, Zaroorat, Ashhar Qadeer (edt.), Rampur Raza Library, Rampur, U. P.- 244901, pp168-179 (ISBN No. 9789382949282)</p> <p>6. Abdul Bari Falahi (2015) Tarjume ki ahmiyat aur Urdu Tibbi Makhtoota, in: Tibbi Urdu Makhtootat,; Ahmiyat, Ifadiat, Zaroorat, Ashhar Qadeer (edt.), Rampur Raza Library, Rampur, U. P.- 244901. Pp98-107 (ISBN No. 9789382949282)</p> <p>Papers in Unani Journals :5</p> <ol style="list-style-type: none"> 1. Qadeer, A.,(2011), Tibb-i Unani Ke Nisaab-i Taleem Mein Mantique Wa Falsafah Ek Bahis Ba Hawalah Dalalat, Jahan-e-Tibb, CCRUM, New Delhi, Vol. 12 – Issue 4-p 15-22(ISSN:0974-1372) 2. Qadeer, A.,(2012), Masihul Mulk Hakim Ajmal Khan, Ek Naye Zawiaie Nigah Se, Jahan-e-Tibb, CCRUM, New Delhi, Vol. 13 – Issue 3. pp16-19(ISSN:0974-1372) 3. Qadeer, A., M. Usama Ashhar (2014) Concept of Nutrigenomics Exists in Unani Medical Philosophy, Journal Of Pharmacy and Pharmaceutical Sciences, Jinnah University for Women, Karachi, Pakistan, Vol. 2, No. 2, pp 26-30(ISSN:2311-4673) 4. Qadeer, A., (2015)Tibbe Unani Ki Taleem-o-Tarbiat Mein Urdu Zaban Ka kirdar , Tarjumane Tibb, National Institute of Unani Medicine, Bangalore, Vol. 1, Issue. 2, pp 52-59 5. Qadeer, A.,(2015)Taftar al-Masih ki Tibbi Khidmaat, Nawa-e-Tibb-o-Sehat, Begum Sarai, Alahabad,U.P., special issue, date not mentioned, pp 89-96(ISSN:2348-9669) <p>Papers on E-journal:1</p> <ol style="list-style-type: none"> 1. Imran, M., Shadab Samad, Mohammad Maaz, Ashhar Qadeer (2013), Hippocratic oath and conversion of ethico-regulatory aspects onto doctors as a physician, private individual and a clinical investigator, loaded on www.jmidlifehealth.org, November 28, 2013-IP: 14,139,58,50 <p>Publication in conference proceedings:1</p> <ol style="list-style-type: none"> 1. Qadeer, A.,(2012), Hindustan Mein Tibbe Unani Ka Qade Sani, Hakim Abdul Hameed, proceedings of the Second Hamdard International Integrative Medicine Conference, November 24 to
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		26,2008, Faculty of Eastern Medicine , Karachi Pakistan, pp39-54
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details:	NAAC has accredited our University in two cycles
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied:	The department has developed the practical part of the subject Umooore Tabiya which deals with the basic knowledge og Unani system of medicinre, it is a new addition to the knowledge. Thew CCIM has included tow practicals in the current syllabus established by the deprtment, which is an extraordinary achievement.
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:	<p>Strengths:</p> <p>All the faculties are well qualified with an everageof 25 years experience. They all are renowned in the field of Kulliyate Tibb. Most of there works have been recognized on national and international level.</p> <p>The faculties are in the panel of experts made by the National Council for Promotion Urdu Language, to prepare the textbooks.</p> <p>The Pre Tibb Programme is the unique one, it gives the opportunity to the students come from madarsas to join the professional course BUMS.</p> <p>The department deals with subjects mostly based on the classical knowledge, and has full support from the central library; there is a good collection of rare classical books and manuscripts.</p> <p>The department has most of the facilities, essential for the advanced teaching and training.</p> <p>Weaknesses</p> <p>Due to short number of faculties (only two as made sufficient by the CCIM) we can not apply for the SAP.</p> <p>Due to short number of faculties we can not apply to commence the PG course in the department.</p> <p>Due to non availability of the research scholars the department is lacking in number of the publications.</p> <p>There is a shortage of supporting staff.</p> <p>The sanctioned budget is very limited.</p> <p>Opportunities</p>

		<p>Commencement of PG course (MD) Commencement of PhD programmes.</p> <p>Challenges</p> <p>Keeping of the department on present leading status. Giving the performance with limited resources.</p>
52.	Future plans of the department:	<p>Establishment of the model Umoore Tabiyah lab</p> <p>Preparation of the compact volume containing the comprehensive matter on the topic “Practical in Umoore Tabiyah”</p>

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	JARAHIYAT (SURGERY)				
2.	Year of establishment:	1989				
3.	Is the Department part of a School/Faculty of the university?	Yes, Faculty of Medicine (Unani)				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	UG: BUMS				
5.	Interdisciplinary programmes and departments involved:	NA				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA				
7.	Details of programmes discontinued, if any, with reasons:	NA				
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Annual				
9.	Participation of the department in the courses offered by other departments:	Nil				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor	---	2	02	
		Associate Professors	1	1	01	
		Assistant Professors	3	1	01	
		Others	---	---	---	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	T.A.Siddiqui	BUMS, MD	Professor	Eye	30	None

	S.M.Arif Zaidi	BUMS.MD PG DHRM, DHA	Associate Professor & Head	Jarahiyat	28	01
	Minhaj Ahmad	BUMS.MS	Associate Professor	Jarahiyat	16	NA
	Zehra Zaidi	BUMS.MD	Assistant Professor	ENT	08	NA
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		NA			
13.	Percentage of classes taken by temporary faculty – programme-wise information:		NA			
14.	Programme-wise Student Teacher Ratio:		UnderGraduate: 12:1			
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation		Sanctioned	Filled/actual	
		Technical Assistant			Nil	
		Senior Lab Assistant		---	Nil	
		Office Assistant		---	Nil	
		Lab Attendant		01	01	
16.	Research thrust areas as recognized by major funding agencies:		NA			
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:					
	Name of the faculty	Title of the Ongoing project		National/International funding agencies/Tenure	Grant received	
	Dr. S.M.Arif Zaidi	Development of quality standards & clinical evaluation of herbomineral formulation used in urolithiasis		CCRUM (AYUSH) 2009 to 2012	Rs.18,00,000	
18.	Inter-institutional collaborative projects and associated grants received:		(i) National collaboration (ii) International collaboration			
19.		Funding agency	Project title, if any		Grant received	
20.	Research facility/centre with:		Nil			
21.	Special research laboratories sponsored		None			

	by/created by industry or corporate bodies:	
22.	Publications: (last 5 years):	13
	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international) 13 • Monographs: None • Chapters in Books: None • Edited Books : None • Books with ISBN with details of publishers: None • Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) Nil □ • Citation Index – range / average : Tabulated below • SNIP : Tabulated below • SJR : Tabulated below • Impact Factor Range: 0.430-3.12 Average: 1.775 • <i>h</i>-index: Tabulated below <p>Publications</p> <p>2015</p> <ol style="list-style-type: none"> 1. Zehra Zaidi (2015) “A Review of Pharmacological& Clinical Research on Shoneez (Nigella Sativa linn.)” Indo American journal of Pharmaceutical Research 5(9): 2805-2811 ISSN 2226[IF: 0.437] 2. Waseem Ahmad, S.M. Arif Zaidi, Saeed Ahmad (2015) Validated UPLC-Q-TOF-MS method for quantitative determination of emodin in rhizome of Rheum emodi Wall.ex Meissn. And its traditional polyherbal formulation using three different extraction techniques Annals of phytomedicine 4(1): 68-73 ISSN 2393-9885[IF:3.12] <p>2014</p> <ol style="list-style-type: none"> 3. Aslam,M;Dayal,rameshwar;Javed,Kalim;Shamim,M;yadav,Deepak;Zaidi,SMA;Singh,S (2014)8-dehydroxy Chrysophenol isolated from Extract of rheum emodi enhance gentamicin induced nephrotoxicity in rats model,. World Journal of pharmacy and Pharmaceutical sciences, 3(3): 833-849 ISSN2278-4357 [IF: 2.819] 4. SM Arif Zaidi (2014) Unani treatment and leech therapy saved the diabetic foot of a patient from amputation International Wound Journal 1-2, ISSN 1742-4801[IF: 2.15] 5. Waseem Ahmad, S.M. Arif Zaidi, Saeed Ahmad (2014) Quality Control Analysis of <i>Didymocarpous Pedicellata</i> R. Br Indian journal of traditional knowledge 13(1): 175-180 [IF: 0.411] 6. Minhaj Ahmad, Anwar Husain Khan (2014) Amale-Kaii or Cauterization with Special Reference to Abul Qasim Zahravi, Hamdard Medicuss Karachi Pakistan 57(1): 5-9 ISSN 0250-7188 [IF: 0.50] <p>2013</p> <ol style="list-style-type: none"> 7. Waseem Ahmad, S.M. Arif Zaidi;Mujeeb,M;Ansari,S.H;Ahmad,Sayeed (2013) HPLC 	

	<p>and HPTLC Methods by design for quantitative characterization and in vitro anti-oxidant activity of Poly herbal formulation containing rheum emodi, journal of chromatographic science advance Access 1-8[IF: 1.218]</p>			
	<p>2012</p>			
	<p>8. Singh, M, Kamal, YT, Tajuddin, TE, Parveen, R, Siddiqui, KM, Sayyed, M, Zaidi, A & Ahmad, S(2012) Simultaneous estimation of gallic acid, ellagic acid and ascorbic acid in <i>Emblica officinalis</i> and in Unani polyherbal formulations by validated HPLC method Journal of Liquid Chromatography & Related Technologies 35 (17): 2493-2502). ISSN1082-6076 [IF: 0.565]</p>			
	<p>9. Minhaj Ahmad, (2012) “Ancient Surgeon and Dentistry” Hamdard Medicus Krachi Pakistan 55(01): 10-13. ISSN 0250-7188 [IF: 0.5]</p>			
	<p>10. Singh, M, Kamal, YT, Tajuddin, TE, Parveen, R, Siddiqui, KM, Sayyed, M, Zaidi, A & Ahmad, S. (2012) Rapid RP-HPLC method for the quantification of glabridin in crude drug and polyherbal formulation Journal of Chromatographic Science 50(9): 779-784 ISSN0021-9665 [IF: 1.36]</p>			
	<p>11. Zaidi,SMA; Khatoon, khudeja; Aslam,K.M (2012) Role of herbal medicine in Ussuruttams (Dysmenorrhoea) journal of academic industrial Research 13: 113-117 ISSN2278-5213 [IF: 0.50]</p>			
	<p>2011</p>			
	<p>12. Ahmad Waseem, Mujeeb Mohd, Ahmad Saeed, Zaidi SMA (2011) Current strategy for research on quality identification of <i>Rheum emodi</i> wall. Rhizome International journal of drug development and research ISSN 0975-9344 [IF: 0.21]</p>			
	<p>13. Singh, M, Kamal, YT, Parveen, R, Siddiqui, KM, Sayyed, M, Zaidi, A & Ahmad, S (2011) compount Development and validation of HPLC method for simultaneous estimation of piperine and guggulsterones in Unani formulation (tablets) and nano reservoir system. Biomedical Chromatography bmc 2676 ,1183-1190 ISSN1099-0801 [IF: 1.723]</p>			
	<p>Citation and h-index: (Scopus Data) Nil</p>			
	Name of the Faculty		Citations	h-index
	<p>Citation and h-index: (Google Scholar Data) Nil</p>			
	Name of the Faculty		Citations	h-index
	S. No.	Journal Name	Source Normalized Impact Factor (SNIP)	SCImago Journal Rank (SJR)
23.	Details of patents and income generated:		Nil	
24.	Areas of consultancy and income generated:		Nil	

25.	Faculty selected nationally/internationally to visit other laboratories/institutions / industries in India and abroad:	Nil		
26.	Faculty serving in:			
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):			
	Name of faculty member	Title of programme	Institution where attended	Duration (dates)
	Minhaj Ahmad	i.Walk and Workshop for Awareness, and Preparedness and management for risk reduction of disaster on International Disaster Day ii. Second National Seminar JCON 2012, Live workshop on Laparoscopic Surgery,	Organized by Confederation of Indian Industry in Collaboration with Health Fitness Trust at Jawaharlal Nehru Stadium, New Delhi Organized by Department of Jarahat AKTC. A.M.U.	October 12, 2011 October 04 , 2015
	Dr. Zehra Zaidi	i.Walk and Workshop for Awareness, and Preparedness and management for risk reduction of disaster on International Disaster Day ii.Second National Seminar JACON 2012, Live workshop on Laparoscopic Surgery, iii.Training Workshop on Ethical Issue and Role of Ethics Committee in Clinical Trials iv.National Workshop on Knowledge Sharing & IP Management in	Organized by Confederation of Indian Industry in Collaboration with Health Fitness Trust at Jawaharlal Nehru Stadium, New Delhi on 04 October 2015 Organized by Department of Jarahat AKTC. A.M.U. Aligarh (UP) Organized by CCRUM, Department of AYUSH, Ministry of Health and Family Welfare, government of India at CCRUM Headquarter New Delhi CCRUM, Department of AYUSH, Ministry of	October 12, 2011 October 04 , 2015 January 21-22. 2012 November 23. 2012

		Unani Medicine	Health and Family Welfare, government of India, at AYUSH Auditorium JNBCAB, New Delhi			
28.	Student projects:	Nil				
29.	Awards /recognitions received at the national and international level by:	None				
	Designation	Name of Award	Recipient			
	PG Students	NA				
30.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any: Nil					
	Serial No.	Title Seminars/ Conferences/ Workshops	Dates	No. of Participants	Outstanding participants (keynote, speakers, eminent scientist/academicians)	
	Conferences					
		None				
	Workshops					
		None				
31.	Code of ethics for research followed by the departments:	NA				
32.	Student profile programme-wise:					
	Name of the Programme	Year	Application Received	Total No. of Student		Pass Percentage (%)
				Male	Female	
	BUMS	2011-2012	1228	18	31	
		2012-2013	1242	14	32	
		2013-2014	1771	19	31	
		2014-2015	855	19	31	
		2015-2016	1228	19	31	
	Total		6324	88	156	
33.	Diversity of students:					
	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries	

	BUMS	2010-2011	4.08	95.92	00															
		2011-2012	29.41	64.71	5.88															
		2012-2013	26.09	73.91	00															
		2013-2014	30.34	69.57	00															
		2014-2015	36.00	64.00	00															
	2015-2016	30.00	68.00	2.00																
Name of the Programme	Year	% of students from the same university	% of students from other universities (MoU)	% of student from other countries																
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	None																		
35.	Student progression:	<table border="1"> <thead> <tr> <th>Student Progression</th> <th>Percentage against enrolled</th> </tr> </thead> <tbody> <tr> <td>BUMS to MD (Moalijat)</td> <td>14</td> </tr> <tr> <td>BUMS to MD (TST)</td> <td>06</td> </tr> <tr> <td>BUMS to MD (ILmulAdvia)</td> <td>09</td> </tr> <tr> <td>Employed</td> <td rowspan="2">None 40%</td> </tr> <tr> <td> <ul style="list-style-type: none"> Campus selection Other than campus recruitment </td> </tr> </tbody> </table>		Student Progression	Percentage against enrolled	BUMS to MD (Moalijat)	14	BUMS to MD (TST)	06	BUMS to MD (ILmulAdvia)	09	Employed	None 40%	<ul style="list-style-type: none"> Campus selection Other than campus recruitment 						
Student Progression	Percentage against enrolled																			
BUMS to MD (Moalijat)	14																			
BUMS to MD (TST)	06																			
BUMS to MD (ILmulAdvia)	09																			
Employed	None 40%																			
<ul style="list-style-type: none"> Campus selection Other than campus recruitment 																				
36.	Diversity of staff:	<table border="1"> <thead> <tr> <th>Percentage of faculty who are graduates</th> <th>BUMS</th> <th>MD</th> </tr> </thead> <tbody> <tr> <td>Of the same University</td> <td>50%</td> <td>50%</td> </tr> <tr> <td>From other universities within the state</td> <td>50%</td> <td>50%</td> </tr> <tr> <td>From universities other States</td> <td>None</td> <td>None</td> </tr> <tr> <td>From universities outside the country</td> <td>None</td> <td>None</td> </tr> </tbody> </table>				Percentage of faculty who are graduates	BUMS	MD	Of the same University	50%	50%	From other universities within the state	50%	50%	From universities other States	None	None	From universities outside the country	None	None
Percentage of faculty who are graduates	BUMS	MD																		
Of the same University	50%	50%																		
From other universities within the state	50%	50%																		
From universities other States	None	None																		
From universities outside the country	None	None																		
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	None																		
38.	Present details of departmental infrastructural facilities	y) Library: No Departmental Library. The central library has all the necessary resources and facilities and it is located within the campus.																		

	with regard to	<p>z) Internet facilities for staff and students Jamia Hamdard has facilitated in providing internet access through 1 GB fiber Optic cables as well as Wifi throughout the campus. Hostels and the entire campus has internet connectivity which has strengthened the academic and research activities of the Department.</p> <p>aa) Total number of class rooms : 02 bb) Class rooms with ICT facility : None cc) Students' laboratories : O.T is available dd) Research laboratories : NA</p>	
39.	List of doctoral, post-doctoral students and Research Associates:	(iii) from the host institution/university	
		Ph.D. Scholars	Co-Supervisor
40.	Number of post graduate students getting financial assistance from the university:	Nil	
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	NA	
42.	Does the department obtain feedback from:	<p>d) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes, the feedback is used in the assessment of deficiencies and incorporate measures to rectify them. The objective is to improve teaching practices and to enhance the learning abilities.</p> <p>e) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes, the feedback from students helps us in formulating modifications and revisions of the curriculum. The teaching methods are also revisited.</p> <p>f) Alumni and employers on the programmes offered and how does the department utilize the feedback? Yes, the feedback from employers have been used for betterment of the department.</p>	
43.	List the distinguished alumni of the department (maximum 10):	Nil	
44.	Give details of student	Nil	

	enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	
45.	List the teaching methods adopted by the faculty for different programmes.:	Board/Chalk Over head Projection LCD Projection Seminar Presentation Practicals Visit to Exhibitions and Book Fairs
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	By organizing discussions among students
47.	Highlight the participation of students and faculty in extension activities:	Seminars Dissertation
48.	Give details of “beyond syllabus scholarly activities” of the department:	Through Case presentation
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details:	NAAC has accredited our University in two cycles
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied:	Exploring new knowledge to prevent the cases of diabetic foot from amputation.
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:	<p>Strengths</p> <p>To develop and developing SOPs</p> <ol style="list-style-type: none"> 1. Non-healing Ulcer 2. Diabetic foot 3. Diabetic Gangrene <p>Weaknesses</p> <p>O.T should be more strengthened</p> <p>Opportunities</p>

		<p>To familiarize the ancient surgical technique in Unani practitioners Which have its own efficacy, e.g. Venesection, cupping etc?</p> <p>To get funding from extra mural agencies.</p> <p>To Publish papers in good impact journals</p>
52.	Future plans of the department:	Up gradation of the department upto PG level

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	ILMUL ADVIA (UNANI PHARMACOLOGY)				
2.	Year of establishment:	1989				
3.	Is the Department part of a School/Faculty of the university?	Yes, Faculty of Medicine (Unani)				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	XVII. CCUD XVIII. UG (BUMS) XIX. PG (M.D Ilmul Advia)				
5.	Interdisciplinary programmes and departments involved:	NA				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA				
7.	Details of programmes discontinued, if any, with reasons:	NA				
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	Prof./Annual				
9.	Participation of the department in the courses offered by other departments:	<ul style="list-style-type: none"> • B.Pharm. (Unani) Course work in Faculty of Pharmacy 				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor	01	01	01	
		Associate Professors	01	01	01	
		Assistant Professors	04	04	04	
		Others	01	01 Lecturer on Contract	---	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D./M.D Students Guided for the last 5 years
	M.A. Jafri	BSc.,BIMS, MD	Professor	Neuro Pharmacology,	28	01(ongoing)

				Pharmaceutics														
	Mohd. Aftab	BUMS, MD	Associate Professor	Pharmaceutics	21	0												
	Hifzul Kabir	BUMS, MD	Assistant Professor	Phytochemical, Analgesic, Hepato-protective	20	01(awarded) 01(ongoing)												
	Mohd. Aslam	BUMS,MD, PhD	Assistant Professor	Phytochemical, Nephro-Protective, Anti-convulsant	17	02(awarded) 01(ongoing)												
	Mohd. Asif	MSc, PhD	Assistant Professor	Drug Standardization	33	04												
	Aisha Siddiqui	BUMS, MD	Assistant Professor	Neuro Pharmacology, Pharmaceutics	07	01(ongoing)												
	Shahid Shah Chaudhary	BUMS, MD	Lecturer	Ilmul Saidla	01	-												
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		NA															
13.	Percentage of classes taken by temporary faculty – programme-wise information:		NA															
14.	Programme-wise Student Teacher Ratio:		CCUD: 1:1.75 BUMS: 7:1 Post Graduate: 1:1															
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		<table border="1"> <thead> <tr> <th>Designation</th> <th>Sanctioned</th> <th>Filled/actual</th> </tr> </thead> <tbody> <tr> <td>Technical Assistant</td> <td>01</td> <td>01</td> </tr> <tr> <td>Assistant</td> <td>01</td> <td>Nil</td> </tr> <tr> <td>Lab Attendant</td> <td>02</td> <td>01</td> </tr> </tbody> </table>				Designation	Sanctioned	Filled/actual	Technical Assistant	01	01	Assistant	01	Nil	Lab Attendant	02	01
Designation	Sanctioned	Filled/actual																
Technical Assistant	01	01																
Assistant	01	Nil																
Lab Attendant	02	01																
16.	Research thrust areas as recognized by major funding agencies:		iii. Comparative study of Itrifal Kishneezi, its hydroalcoholic extract and sugar free dosage form for antidepressant potential. ix. Nephroprotective potential of Tudri Surkh (Cheiranthus cheiri) against Gentamicin induced toxicity in rats. x. Phytochemical and Hepatoprotective evaluation of Jawarish Jalinoos. xi. A comparative study of Majoon Najah, its hydroalcoholic extract and granular form for anti-convulsant activity in experimental animal model.															
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:																	
	Name of the	Title of the Ongoing project	National/Internation	Grant received														

	faculty		al funding agencies/Tenure			
	Hifzul Kabir	Classical Methods of Tadbeer (Detoxification) of Toxic Unani Drugs & their Comparative Chemical Analysis	Dept. of AYUSH 28.04.2011 to --	Rs. 12,00,000		
	Mohd Asif	Application & Cost Effectiveness of LAMP (Loop Mediated Isothermal Amplification)- Based Technology For Authentication of Medicinal Plants	Dept. of AYUSH 12.04.2011 to --	Rs. 20,00,000		
	Mohd Asif	Novel Drug Delivery Systems For Unani Medicines & Their Biological Activity Evaluation	Dept. of AYUSH 21.02.2012 to 20.02.2014	Rs. 20,00,000		
18.	Inter-institutional collaborative projects and associated grants received:	(i) National collaboration NA (ii) International collaboration NA				
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	Funding agency	Project title, if any	Grant received		
		Nil	Nil	Nil		
20.	Research facility/centre with:	NA				
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	None				
22.	Publications: (last 5 years):					
	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): 90 • Monographs: None • Chapters in Books: None • Edited Books : None • Books with ISBN with details of publishers: 					
	Sl. No.	Authors/editors (list all)	Title	ISBN	Year of publication	Publishers including city
	1	M.Asam	Epilepsy- Unani Approach & Experimental Study of Two Plants	978-3-659-12152-4	2012	Lambert Academic Publishing
	2	M.Asam	Renal	978-3-659-	2012	Lambert

		Disorders & Their Cure in Alternate System of Medicine	36380-1		Academic Publishing
<ul style="list-style-type: none"> • Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)□ • Citation Index – range / average : • SNIP : • SJR : • Impact Factor Range: Average: • <i>h</i>-index: <p>Publications</p> <p>[2015]</p> <p>National - 00</p> <p>International</p> <ol style="list-style-type: none"> 1- Ali A, Sumbul S, Ahmad MM, Ahmad S, Kabir H, Abdin MZ (2015). Development of standard operating procedure and standardization of Habb-e-Banafsha Qawi: A Unani polyherbal formulation Journal of Pharmacy and Bioallied Sciences, Vol 7 (4); 250-253. 2- Rehan RH, Chopra D, Yadav M, Wardhan N, Manak S, Siddiqui KM, Aslam M (2015). Safety and efficacy of Qurse-e-istisqua in chronic hepatitis C Infection: An exploratory study. Indian Journal of Pharmacology, 47 (1): 72-79. 3- Aslam M, Tariq M, Ahmad A (2015). Preparation and physicochemical evaluation of Kushta Sang Jarahat: A Unani Formulation. World Journal of Pharmacy & Pharmaceutical Sciences, 4(5):1861-69. 4- Aslam M, Tariq M, Farhan KM, Ahmad MA, Jolly R, Siddiqui A (2015). Quality control of a marine origin based herbo-mineral Unani formulation. International Journal of Pharmaceutical Sciences & Drug Research, 7(3):275-78. 5- Anwar N, Khan MS, Kabir H, Ahmad S (2015) Effect of detoxification (tadbeer) in content of toxic metabolites of <i>Strychnos nux-vomica</i>: A Unani approach for its use in human Journal of Pharmacy and Bioallied Sciences, Vol 7 (4); 314-316. 6- Chaudhary SS, Aslam M, Husain A, Zaman R (2015). Abresham (Bombyx mori Cocoon): A house of a worm with immense medicinal value. Research & Reviews: A journal Of Pharmaceutical Science, 6(3):30-41. 7- Yaqub S, Aftab M, Asif M, Siddiqui A, Mohd SH (2015). Ethenobotanical and Recent Phytopharmacological Research of Piper lougum Linn: a Review. American Journal of Pharmacy and Health Research. Volume 3, (2), ISSN: 2321-3647. 8- Zaidi SAR, Ahmad MA, Aslam KM, Rauf A., Mukherjee AK (2015). Hematological evaluation of Sharbat Unsul Murakkab in Suale Muzmin (Chronic Bronchitis). European Journal of Biomedical & Pharmaceutical Sciences, 2(6):145-50. 					

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- 3- Yadav D, Anwar MF, Garg V, Kardam H, Beg MN, Suri S, Gaur S, Asif M (2014). Development of polymeric nanopaclitaxel, its cell proliferation comparison with free paclitaxel on carcinoma cells (MCF-7; B16F0), *Asian Pacific Journal of Cancer Prevention* 2014, 15(5), 2335-2340. (Impact factor 1.5).

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S. No.	Journal Name	Source Normalized Impact Factor (SNIP)	SCImago Journal Rank (SJR)	Impact Factor
1	Alternative & Integrative Medicine	---	---	0.675
2	American Journal of Pharmtech Research	---	---	0.9832
3	American Journal of Pharmacy and Health Research.	---	---	0.678
4	Ancient Science of Life	-----	-----	----
5	Asian Pacific Journal of Cancer Prevention	-----	-----	2.514
6	Current Pharma CPR European Journal of Biomedical & Pharmaceutical Sciences	----	----	3.881
7	EXCLI Journal	----	----	1.923
8	Free Radicals and Antioxidants	-----	-----	1.279
9	Hamdard Medicus	----	----	----
10	IJPSR	-----	----	1.79
11	Indian Journal of Unani Medicine	----	----	----
12	Indian Journal of Natural Products and Resources	----	----	----
13	Indian Journal of Pharmacology	----	0.352	0.691
14	Indian Journal of Research in Pharmacy and Biotechnology	-----	-----	0.723
15	Indian Journal of Traditional knowledge	----	0.42	0.411
16	Indian Journal of Unani Research	-----	-----	----
17	Intenational Journal of Advances in Pharmacy Medicine and Bioalied Sciences	----	----	----
19	International Journal of Biomedical Research.	----	----	0.409
20	International journal of Drug development & Research	-----	-----	0.21

	21	International Journal of Drug Formulation and Research	-----	-----	1.223
	22	International Journal of Drug Research and Technology	-----	-----	0.945
	23	International Journal of Industrial Pharmacy and Bio Sciences	-----	-----	----
	24	International Journal of Institutional Pharmacy and life Sciences	----	----	----
	25	International Journal of Pharmaceutical research and development	----	----	2.01
	26	International journal of Pharmaceutical Research	-----	-----	1.3
	27	International journal of Pharmaceutical Science and Research.	----	----	1.79
	29	International Journal of Pharmacy and Technology	----	----	2.997
	30	International Journal of universal Pharmacy and Life Sciences.	----	----	----
	31	International Pharmaceutica Scientia	-----	-----	----
	32	J. Nat. Prod. Plant Resource,	----	----	----
	33	Jahan-e-Tibb	-----	-----	----
	34	Journal of pharmacy and Bioallied Sciences	-----	-----	1.410
	35	Journal of Applied Phycology	1.074	0.952	2.559
	36	Journal of Medicinal Plants Research	----	0.38	0.879
	38	Journal of Research in Unani Medicine	-----	-----	----
	39	Pharmacognosy journal	----	0.25	1.279
	40	Polish Journal of Chemical technology	0.456	0.195	0.536
	41	Protoplasma Elsevier	0.942	0.957	2.651
	42	Research & Reviews: A journal Of Pharmaceutical Science	----	----	----
	43	The Global Journal of Pharmaceutical Research	-----	-----	----
	44	Unani Research	----	----	----
	45	World Journal of Pharmacy & Pharmaceutical Sciences	----	----	6.041
23.	Details of patents and income generated:		Nil		
24.	Areas of consultancy and income generated:		Nil		
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:		Nil		

<p>26.</p>	<p>Faculty serving in:</p> <p>(xix) National committees: None</p> <table border="1" data-bbox="440 310 1508 827"> <tr> <td rowspan="9" style="text-align: center; vertical-align: middle;">Prof. M.A. Jafri</td> <td>Role</td> <td colspan="2">National Committee</td> </tr> <tr> <td>Member</td> <td colspan="2">Assessment Committee for AYUSH Hospitals, NABH, Quality Council of India</td> </tr> <tr> <td>Member</td> <td colspan="2">Governing Body National Institute of Unani Medicine, Bangalore.</td> </tr> <tr> <td>Chairman</td> <td colspan="2">Scientific Advisory Committee, CCRUM</td> </tr> <tr> <td>Member</td> <td colspan="2">Governing Body, CCRUM, Unani Dossier Committee, Dept of AYUSH, New Delhi</td> </tr> <tr> <td>Member</td> <td colspan="2">Advisory Panel CCIM, Govt of India New Delhi</td> </tr> <tr> <td>Member</td> <td colspan="2">Sub-committee MSR (Unani), CCIM, New Delhi</td> </tr> <tr> <td>Member</td> <td colspan="2">Syllabus Committee, CCIM, New Delhi</td> </tr> <tr> <td>Member</td> <td colspan="2">BOS, Dept of Ilmul Saidla, AMU, Aligarh</td> </tr> </table> <p>(xx) International committees: None</p> <p>(xxi) Editorial Boards of journals: None</p>			Prof. M.A. Jafri	Role	National Committee		Member	Assessment Committee for AYUSH Hospitals, NABH, Quality Council of India		Member	Governing Body National Institute of Unani Medicine, Bangalore.		Chairman	Scientific Advisory Committee, CCRUM		Member	Governing Body, CCRUM, Unani Dossier Committee, Dept of AYUSH, New Delhi		Member	Advisory Panel CCIM, Govt of India New Delhi		Member	Sub-committee MSR (Unani), CCIM, New Delhi		Member	Syllabus Committee, CCIM, New Delhi		Member	BOS, Dept of Ilmul Saidla, AMU, Aligarh	
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<p>27.</p>	<p>Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):</p> <table border="1" data-bbox="326 1062 1468 1236"> <thead> <tr> <th>Name of faculty member</th> <th>Title of programme</th> <th>Institution where attended</th> <th>Duration (dates)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Aisha Siddiqui</td> <td style="text-align: center;">Refresher Course in Basic Sciences (Interdisciplinary)</td> <td style="text-align: center;">Jamia Millia Islamia</td> <td style="text-align: center;">3 Weeks (05 May2015- 25 May2015)</td> </tr> </tbody> </table>			Name of faculty member	Title of programme	Institution where attended	Duration (dates)	Aisha Siddiqui	Refresher Course in Basic Sciences (Interdisciplinary)	Jamia Millia Islamia	3 Weeks (05 May2015- 25 May2015)																				
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<p>28.</p>	<p>Student projects:</p>	<ul style="list-style-type: none"> • percentage of students who have done in-house projects including inter-departmental projects 100% • percentage of students who have done projects in other Universities/Institutions 0% 																													
<p>29.</p>	<p>Awards /recognitions received at the national and international level by:</p> <table border="1" data-bbox="310 1608 1508 1913"> <thead> <tr> <th>Designation</th> <th>Name of Award</th> <th>Recipient</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Faculty</td> <td>1.Dhanwantri Award</td> <td>1.Prof. M.A.Jafri</td> </tr> <tr> <td>2.Distinguished Scientist</td> <td>2.Dr. Mohd Aslam</td> </tr> <tr> <td>Doctoral/Post doctoral fellows</td> <td>Nil</td> <td>Nil</td> </tr> <tr> <td>Students</td> <td>Nil</td> <td>Nil</td> </tr> </tbody> </table>			Designation	Name of Award	Recipient	Faculty	1.Dhanwantri Award	1.Prof. M.A.Jafri	2.Distinguished Scientist	2.Dr. Mohd Aslam	Doctoral/Post doctoral fellows	Nil	Nil	Students	Nil	Nil														
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	2.Distinguished Scientist	2.Dr. Mohd Aslam																													
Doctoral/Post doctoral fellows	Nil	Nil																													
Students	Nil	Nil																													

30.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:					
Serial No.	Title Seminars/Conferences/Workshops	Dates	No. of Participants	Outstanding participants (keynote, speakers, eminent scientist/academicians)		
Conferences						
1	Medicinal Plants Research: Retrospect and Prospects	01/04/2014	56	22		
Workshops						
	None					
31.	Code of ethics for research followed by the departments:		One committee (vi) Institutional Animal Ethics Committee			
32.	Student profile programme-wise:					
	Name of the Programme	Year	Application Received	Total No. of Student		Pass Percentage (%)
				Male	Female	
	CCUD	2010-2011	---	----	----	100%
		2011-2012	42	03	00	100%
		2012-2013	12	03	01	100%
		2013-2014	27	04	00	100%
		2014-2015	11	03	01	100%
	Total			13	02	100%
	BUMS	2011	---	----	----	100%
		2012	----	----	----	100%
		2013	----	----	----	100%
		2014	----	----	----	100%
		2015	----	----	----	100%
	M.D.	2011	61	00		100%
		2012	42	00		
		2013	46	02		
		2014	28	03		
	Total			05		
33.	Diversity of students:					

	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries
	CCUD	2009-2011	0	100%	0
		2010-2012	0	100%	0
		2011-2013	0	100%	0
		2012-2014	0	100%	0
		2013-2015	0	100%	0
	Name of the Programme	Year	% of students from the same university	% of students from other universities	% of student from other countries
	M.D.	2011	---	---	---
		2012	---	---	---
		2013	100%	0	0
		2014	100%	0	0
		2015	100%	0	0
	BUMS	2011	0	100%	0
		2012	0	100%	0
		2013	0	100%	0
		2014	0	100%	0
		2015	0	100%	0
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:		Nil		
35.	Student progression:		Student Progression		Percentage against enrolled
			UG to M.D.		6%

		Employed	None
		<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	90%
36. Diversity of staff:		Percentage of faculty who are graduates	BUMS/ M.Sc.
		Of the same University	28%
		From other universities within the state	14%
		From universities other States	58%
		From universities outside the country	None
37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:		Name : Dr Mohd Aslam	
		Year : 2012	
38. Present details of departmental infrastructural facilities with regard to		Ph.D. Topic : Phytochemical & Biological Studies on some Medicinal Plants used in Kidney Disorders	
		Name : Dr Mohd Asif	
39. List of doctoral, post-doctoral students and Research Associates:		Year : 2015	
		Ph.D. Topic : Complementary & Alternative Medicines in the management of Rheumatoid Arthritis	
38. Present details of departmental infrastructural facilities with regard to		ee) Library : No Departmental Library. The faculty and central library has all the necessary resources and facilities and it is located within the faculty and campus respectively.	
		ff) Internet facilities for staff and students	
		Jamia Hamdard has facilitated in providing internet access through 1 GB fiber Optic cables as well as Wifi throughout the campus.	
		Total number of class rooms : 05	
		gg) Class rooms with ICT facility : 00	
39. List of doctoral, post-doctoral students and Research Associates:		hh) Students' laboratories : 02	
		ii) Research laboratories : 05	
		(iv) from the host institution/university	
		M.D. Scholars	Supervisor
		Wajeedul Qamar	Prof. M.A.Jafri
Asiya-ul-Eram	Dr. Mohd Aslam		
Hushan Jahan	Dr. Hifzul Kabir		

		Zeba Afrin	Dr. Aisha Siddiqui
		Mohd Nazim	
		Abdul Aleem	
		Masihuddin	
40.	Number of post graduate students getting financial assistance from the university:	07	
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	NA	
42.	Does the department obtain feedback from:	<p>g) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes, the feedback is used in the assessment of deficiencies and incorporate measures to rectify them. The objective is to improve teaching practices and to enhance the learning abilities.</p> <p>h) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes, the feedback from students help us in formulating modifications and revisions of the curriculum for the CCUD and PG programs of our Department. The teaching methods are also revisited.</p> <p>i) Alumni and employers on the programmes offered and how does the department utilize the feedback? Yes, the feedback from Alumni have been instrumental in initiating the research activity which have been creating research knowledge to compete most of the jobs for students passing out from our Department.</p>	
43.	List the distinguished alumni of the department (maximum 10):	Distinguished Alumni 1. Dr. Mohd Mehfoozur Rehman (Associate Professor, Govt. Tibbia College Kadamkuan, Patna, Bihar, India) 2. Shahzad Yaqoob (ARO, CCRUM, Srinagar)	
44.	Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.:	Compulsory Regular Internal Assessment tests Career planning counselling Research seminars and paper presentations	
45.	List the teaching methods adopted by the faculty for different programmes.:	Board/Chalk LCD Projection Seminar Presentation Practicals	

		Scientific and Educational Tours Visit to Exhibitions and Book Fairs
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	Students are encouraged to undertake advanced research training
47.	Highlight the participation of students and faculty in extension activities:	Seminars Work Shop NCC NSS Dissertation/Assignment
48.	Give details of “beyond syllabus scholarly activities” of the department:	The department encourages students to visit pharmaceutical companies like Hamdard Laboratories for gaining knowledge.
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details:	NAAC has accredited our University in two cycles
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied:	The Department of Ilmul Advia is one of the best departments among all the Unani colleges in the country. Its Unani Pharmacy section is well equipped and the best training centre for preparation of Unani formulations using classical and modern scientific technology at UG level in the country. It has trained foreigner also in Unani Pharmacy. Besides doing re-validation of Unani claims, this dept has worked on conversion of Unani drugs in Nano particles for their evaluation and identification at molecular level.
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:	<p>Strengths</p> <ol style="list-style-type: none"> 1. Well qualified faculty. 2. Scientific approach to the problems. 3. Dedicated staff (Teaching and Non-teaching). 4. Two faculty members completed PhD recently. 5. Research projects. <p>Weaknesses</p> <ol style="list-style-type: none"> 1. Shortage of supporting staff. 2. Inadequate teaching aids. 3. Promotions stalled. 4. Inadequate numbers of P.G students <p>Opportunities</p> <ol style="list-style-type: none"> 1. Health care services. 2. Low cost medicine can be provided. 3. Preparations of drugs using scientific tools and techniques. <p>Challenges</p> <ol style="list-style-type: none"> 1. Availability of authentic crude drugs. 2. Quality control 3. Pharmacokinetic Studies in view of non availability of marker compounds.
52.	Future plans of the department:	Commencement of the PhD programme. In Ilmul Advia and MD in Ilmul Saidla.

**Faculty of Nursing Sciences and
Allied Health**
(Formerly Faculty of Nursing)

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	RUFAIDA COLLEGE OF NURSING		
2.	Year of establishment:	1983		
3.	Is the Department part of a School/Faculty of the university?	Yes, Faculty of Nursing		
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	i. Ph.D. Nursing ii. M.Sc. Nursing-2yrs iii. Post Basic B.Sc. Nursing-2yrs iv. B.Sc. (Hons) Nursing-4yrs v. DGNM (Diploma in General Nursing and Midwifery)-3yrs		
5.	Interdisciplinary programmes and departments involved:	<ul style="list-style-type: none"> Post Graduate Diploma in Dietetics and Therapeutic Nutrition-(1yr duration) with DODL (Department of Distance Learning) 		
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	<ul style="list-style-type: none"> Diploma in Nursing Administration with IGNOU Certificate Course in Adolescent Health and Counseling with IGNOU Certificate Course in Diabetes care for Community Health Workers with IGNOU Diploma Program in Health Care Assistant with Sweden in process 		
7.	Details of programmes discontinued, if any, with reasons:	NA		
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	<ul style="list-style-type: none"> Annual system for Post Basic B.sc Nursing and DGNM program as per the requirements of Indian Nursing Council and Delhi Nursing Council. Semester system for M.Sc. Nursing and B.Sc. Nursing program 		
9.	Participation of the department in the courses offered by other departments:	<ul style="list-style-type: none"> Classes for the following departments are taken by faculty members from Nursing: <ol style="list-style-type: none"> MBA (Health Management)-4th semester on the unit-organization of nursing services Bachelors in Emergency and Trauma Care Techniques (Paramedical course) -2nd semester on the unit therapeutic communication and personality development 		
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):	Sanctioned	Filled	Actual (including CAS & MPS)
	Professor	01	01	01
	Associate Professors	02	02 (1 Promoted through CAS)	02 (1 Promoted through CAS)
	Assistant Professors	04	04 (1 on leave)	04 (1 on leave)
	Tutor	18	18	18
	Clinical Instructor	19	19	19

11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Prof. Manju Chhugani	M.Sc. Nursing (Obstetrics & Gynaecological Nursing), Ph.D. (Nursing Management)	Professor/ Principal	Obstetrics & Gynaecological Nursing	24	04 (Ongoing)
	Mrs. Urmila Bhardwaj	M.Sc. Nursing (Community Health Nursing)	Associate Professor	Community Health Nursing	38	Nil
	Ms. Veena Sharma	M.Sc. Nursing (Psychiatric Nursing) ,M.Phil (Education)	Associate Professor	Psychiatric Nursing	23.5	Nil
	Mrs. Taruna Arora	M.Sc. Nursing (Medical Surgical Nursing)	Assistant Professor (on leave)	Medical Surgical Nursing	19	Nil
	Mrs. Seema Rani	M.Sc. Nursing (Community Health Nursing), M.Phil (Health Care & Hospital Administration)	Assistant Professor	Community Health Nursing	21.3	Nil
	Dr. Smriti Arora	M.Sc. Nursing (Pediatric Nursing),Ph.D(Nursing)	Assistant Professor	Pediatric Nursing	15	Nil
	Mrs. Bindu Shaiju	M.Sc. Nursing (Psychiatric Nursing)	Assistant Professor	Psychiatric Nursing	20	Nil
	Mrs. Hemlatha Nair	B.Sc. (Hons.) Nursing, PG Diploma in Nursing Administration, PG Diploma in Guidance & Counseling	Tutor	Nursing	24	Nil
	Mr. Eke Lama Tamang	M.Sc. Nursing (Medical Surgical Nursing)	Tutor	Medical Surgical Nursing	30	Nil
	Mrs. Mikki Khan	M.Sc. Nursing (Obstetrics & Gynaecological	Tutor	Obstetrics & Gynaecological Nursing	17	Nil

	Nursing)				
Mrs. Jamal Fatima	M.Sc. Nursing (Psychiatric Nursing)	Tutor	Psychiatric Nursing	12.5	Nil
Mrs. Somibala Thokchom	M.Sc. Nursing (Obstetrics & Gynaecological Nursing)	Tutor	Obstetrics & Gynaecological Nursing	10	Nil
Mrs. Sartaj Parveen	M.Sc. Nursing (Community Health Nursing)	Clinical Instructor	Community Health Nursing	12.5	Nil
Mrs. Anjali Kaushik	M.Sc. Nursing (Pediatric Nursing)	Clinical Instructor	Pediatric Nursing	13.5	Nil
Mrs. Saba Hashmi	M.Sc. Nursing (Pediatric Nursing)	Clinical Instructor	Pediatric Nursing	09	Nil
Ms. Nahid Zebi	B.Sc. (Hons.) Nursing	Clinical Instructor	Nursing	7.5	Nil
Mrs. Shilpi Sarkar	M.Sc. Nursing (Pediatric Nursing)	Tutor	Pediatric Nursing	06	Nil
Ms. Fareha	M.Sc. Nursing (Medical Surgical Nursing)	Tutor	Medical Surgical Nursing	3.5	Nil
Mrs. Jahanara Rahman	M.Sc. Nursing (Pediatric Nursing)	Tutor	Pediatric Nursing	15	Nil
Mrs. Asha Aniyani	M.Sc. Nursing (Medical Surgical Nursing)	Tutor	Medical Surgical Nursing	04	Nil
Mrs. Anju Hooda	M.Sc. Nursing (Community Health Nursing)	Tutor	Community Health Nursing	04	Nil
Mrs. Merlin Mary James	M.Sc. Nursing (Obstetrics & Gynaecological Nursing)	Tutor	Obstetrics & Gynaecological Nursing	3.5	Nil
Mrs. Shenay Daniel	M.Sc. Nursing (Medical Surgical Nursing)	Tutor	Medical Surgical Nursing	6.5	Nil
Ms. Neha John	M.Sc. Nursing (Community Health Nursing)	Tutor	Community Health Nursing	4.5	Nil
Ms. Ashin Merlin Jacob	M.Sc. Nursing (Obstetrics & Gynaecological Nursing)	Tutor	Obstetrics & Gynaecological Nursing	03	Nil
Mrs. Priyanka Bansal	M.Sc. Nursing (Community Health Nursing)	Tutor	Community Health Nursing	06	Nil
Mrs. Sarita	M.Sc. Nursing	Tutor	Medical	03	Nil

	Ahwal	(Medical Surgical Nursing)		Surgical Nursing		
	Mr.Naseem M.	M.Sc. Nursing (Medical Surgical Nursing)	Tutor	Medical Surgical Nursing	3.5	Nil
	Mrs. Rajlaxmi	M.Sc. Nursing (Medical Surgical Nursing)	Tutor	Medical Surgical Nursing	05	Nil
	Ms. Sharima Siddiqui	B.Sc. (Hons.) Nursing	Clinical Instructor	Nursing	02	Nil
	Ms. Minju Mary Mathew	B.Sc. (Hons.) Nursing	Clinical Instructor	Nursing	02	Nil
	Ms. Saliqua Sehar	B.Sc. (Hons.) Nursing	Clinical Instructor	Nursing	02	Nil
	Ms. Sabina	B.Sc. (Hons.) Nursing	Clinical Instructor	Nursing	02	Nil
	Ms. Sithara S	B.Sc. (Hons.) Nursing	Clinical Instructor	Nursing	02	Nil
	Ms. Jeeva Roy	B.Sc. (Hons.) Nursing	Clinical Instructor	Nursing	02	Nil
	Ms. Dona Mary Mathew	B.Sc. (Hons.) Nursing	Clinical Instructor	Nursing	02	Nil
	Ms. Binness K. C.	B.Sc. (Hons.) Nursing	Clinical Instructor	Nursing	02	Nil
	Ms. Sumbul Almas	B.Sc. (Hons.) Nursing	Clinical Instructor	Nursing	02	Nil
	Ms. Sumi Rachel Samuel	B.Sc. (Hons.) Nursing	Clinical Instructor	Nursing	02	Nil
	Ms. Shaheen Khan	B.Sc. (Hons.) Nursing	Clinical Instructor	Nursing	02	Nil
	Ms. Tini Thomas	B.Sc. (Hons.) Nursing	Clinical Instructor	Nursing	1.5	Nil
	Ms. Aastha Singh	B.Sc. (Hons.) Nursing	Clinical Instructor	Nursing	1.5	Nil
	Ms.K Rebika Devi	B.Sc. (Hons.) Nursing	Clinical Instructor	Nursing	1.5	Nil
	Ms. Maihnaz Bi	B.Sc. (Hons.) Nursing	Clinical Instructor	Nursing	1.5	Nil
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		Name	Date of visit	Designation	Affiliation
			1.Ms. Adiya Jafferri	August 10 2015 – May 10 2016	Fullbright Nehru Scholar	Biose State University, Idaho, USA
13.	Percentage of classes taken by temporary faculty – programme-wise information:	No temporary faculty in programmes in compliance to Nursing Councils				

14.	Programme-wise Student Teacher Ratio:	Programme		Student teacher ratio
		DGNM		10:1
		B.Sc. Nursing		10:1
		Post Basic B.Sc. Nursing		10:1
		M.Sc. Nursing		5:1
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation	Sanctioned	Filled/actual
		Senior Assistant	00	00
		Junior Assistant	02	02
		Professional Assistant	01	01
		Lab. Assistant	01	01
		Lab. Attendant	01	01
		Office Attendant	02	02
16.	Research thrust areas as recognized by major funding agencies:	Research thrust areas		Funding Agencies
		e-Health (mLabour Application)		Dimagi Software Enterprises
		Education (Enhancing quality of Midwifery Services)		UNFPA
		Neonatal Health (Neonatal Resuscitation programmes-First golden Minute)		IAP
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:			
	Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure	Grant received
	Prof.(Dr) Manju Chhugani Dr.Smriti Arora	Enhancing quality of Midwifery Education in Bihar (March 2012-December 2013)	UNFPA	21,26,200/-
	Prof.(Dr) Manju Chhugani	Establishment of National Skill Lab-DAKSH at Jamia Hamdard in collaboration with Liverpool School of Tropical Medicine and Ministry of Health and Family Welfare, Government of India (July 2014-(Ongoing)	DIFID	Rs. 1 Crore
Prof.(Dr) Manju Chhugani	A Qualitative study for Assessing the Feasibility and Usability of a Mobile Partograph – A Novel Mobile Tool supporting Safer Deliveries in India” in collaboration with DIMAGI India. (1/12/14 to 31/12/16) Ongoing	DIMAGI Software Enterprises	Rs. 6,14,350/-	
18.	Inter-institutional collaborative projects and associated grants received:	(i)National collaboration		
		Project	Funding Agency	

		<p>1) Neonatal Resuscitation Program (NRP) – First Golden Minute (FGM) 4 courses were conducted from September 21 – October 26 2013</p> <p>2) Skill building training of teachers & students in Maternal and Child Health at National Skills Training Centre – DAKSH, Jamia Hamdard (Ongoing)</p>	<p>Indian Academy of Pediatrics (IAP) ₹.95,212/-</p> <p>₹. 2,56,368/-</p>				
		<p>(ii)International collaboration</p> <table border="1"> <thead> <tr> <th>Project</th> <th>Funding Agency</th> </tr> </thead> <tbody> <tr> <td>Faculty – Student Exchange Programme between Kungsholmens Vastra Gymnasium, City of Stockholm, Sweden and Rufaida College of Nursing, Jamia Hamdard, New Delhi. Memorandum of Understanding. First phase completed. 2015.</td> <td>₹. 36,07,080 /- (486000 Swedish Kronor)</td> </tr> </tbody> </table>		Project	Funding Agency	Faculty – Student Exchange Programme between Kungsholmens Vastra Gymnasium, City of Stockholm, Sweden and Rufaida College of Nursing, Jamia Hamdard, New Delhi. Memorandum of Understanding. First phase completed. 2015.	₹. 36,07,080 /- (486000 Swedish Kronor)
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19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	Nil (As Nursing is not in purview of these funding agencies)					
20.	Research facility/centre with:	<p>State Recognition- Nil</p> <p>National Recognition National Skills Training Centre – DAKSH, Jamia Hamdard, in collaboration with Maternal Health Division, MOHFW, Government of India.</p> <p>International Recognition</p> <ul style="list-style-type: none"> National Skills Training Centre – DAKSH, Jamia Hamdard, in collaboration with Liverpool School of Tropical Medicine (LSTM), United Kingdom. 					
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	<ul style="list-style-type: none"> National Skills Training Centre – DAKSH, Jamia Hamdard, in collaboration with Liverpool School of Tropical Medicine (LSTM), United Kingdom and Maternal Health Division, MOHFW, Government of India. 					
22.	Publications: (last 5 years):						

<p>Number of papers published in peer reviewed journals (national / international) = 94 Monograph = 1 Chapters in Books = 3 Edited Books = 1 Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers)</p>				
Authors/editors (list all)	Title	ISBN	Year of publication	Publishers including city
Dr. Manju Chhugani	SOPs for Nursing Personnel, HAHC Hospital	-	2012	Jamia Hamdard
Dr. Manju Chhugani, Dr. Molly Babu, Ms. Surekha Sama (Editor) Book Chapter	Clinical Case Record for Midwifery (3 Chapters) i) Nursing Care during Labour ii) Role of Midwife in Planned Parenthood iii) CopperT Insertion	978-93-82428-32-9	2013	Kumar Publishing House, Delhi
Dr. Manju Chhugani Book Chapter	Book: Nursing Research & Statistics Chapter: Population & Sampling in Quantitative Studies	978-81-317-7570-7	2013	Pearson Education in South Asia, Dorling Kindersley (India) Pvt. Ltd.
Dr. Manju Chhugani, Mrs. Medha Gandhi Chapter as Monograph	Monograph: Midwifery & Maternal Health in India; Statistical analysis and lessons from field. Chapter: Training of ANMs, LHVs and staff nurses as skilled birth attendant.	0971-7587	2013	Indian Institute of management, Ahmedabad
Priyanka Bansal Book Chapter	Book: History of Nursing Associations and Unions 1970-2015 Chapter: Stand for right even if alone!	ISBN: 978-93-83046-55-3	2015	DPS Publishing House.
<p>Publications <u>INTERNATIONAL JOURNALS</u> <u>[2015]</u></p>				
<p>1. Dr. Manju Chhugani, Merlin Mary James, Somibala Thokchom. (December 2015). A Randomized Controlled Trial to Assess the Effectiveness of Vialon™ Cannula Versus Polytetrafluoroethylene (PTFE) Cannula in Terms of Indwelling Time and Complications in Patients Requiring Peripheral Intravenous Cannulation. International Journal of Science and Research, 4, (1075 -1080); ISSN – 2319-7064. Impact Factor – 5.611.</p>				

2. Anu Gauba, Manju Chhugani, Smriti Arora. (November 2015). A Quasi Experimental Study to Assess the Effectiveness of Structured Training Programme on Practices of Asha Workers Related to New Born Care Based on Asha Module- 6 “Skills that Saves Lives” in A Selected Communities of Delhi. *International Journal of Science and Research*, 4, (2341-2345). ISSN – 2319-7064. Impact Factor – 5.611.
3. Somibala Thokchom, Dr. Manju Chhugani. (October 2015). A Study to find out the Prevalence for Osteoporosis and Osteopenia in Pre and Post Menopausal Women in India: A Cross Sectional Study. *International Journal of Science and Research*, 4, ISSN – 2319-7064. Impact Factor – 5.611.
4. Mikki Khan, Manju Chhugani, Smriti Arora (2015). Effectiveness of Planned Teaching Programme on knowledge of staff nurses Regarding Human Pappiloma Virus and its Vaccine. *International Journal of Nursing Education*, 7, (161-165); ISSN 0974-9349.
5. Manju Chhugani, Ashin Merlin Jacob (January 2015). National Skills Training Centre in India. *Journal of Asian Midwives*, vol-1, page no.46-50, ISSN - 2409-2290.
6. Sarita Ahwal, Smriti Arora (2015). Workplace Stress for Nurses in Emergency Department. *International Journal of Emergency & Trauma Nursing*, Vol. 1. Page 17-21. ISSN IJETN.
7. Smriti Arora (2015). Clinical Environment Learning Evaluation. *International Journal of Nursing Science Practice and Research*, Vol 1, Issue 2, page no. 21-22. ISSN IJNSPR
8. Manjari Nandwani, Somibala Thokchom, Jahanara Rehmen (2015). A Comparative Study to assess the Health Seeking Behaviour and level of Satisfaction of Reproductive and Child Health (RCH) Services among working and non-working women in reproductive age group of selected community of Delhi. *International Journal of Science and Research*, Vol 4, Issue 7, page no. 2140-2143, ISSN (online) 2319-7064
9. Ashin Merlin Jacob, Bindu Shaiju, Smriti Arora (2015). A Randomized Controlled Trial to Assess the Effectiveness of Safety Needles and Cannulas versus Non Safety Needles and Cannulas on the Incidence of Needle Stick Injury in a selected hospital of New Delhi. *International Journal of Advances in Health Sciences*, Vol 2 Issue 4, 434-439; ISSN - 2349-7033; Impact Factor - 2.73
10. Qing Shi, Bindu Shaiju, Seema Rani (2015). A Comparative study to assess Oral Health Status and the Factors Influencing Oral Health Among Indian and Chinese Students of selected universities of New Delhi. *International Journal of Nursing Science Practice and Research*, Vol 1 issue 1, page no.1-15 ISSN IJNSPR.
11. Smriti Arora, Disha Ravindran, **Shilpi Sarkar** (2015). Effect of Coconut Oil Massage on Weight and Neurobehavioral Response in LBW Babies. *International Journal of Pediatric Nursing* Vol. 1 Pages 1-3.
12. Rajlaxmi Nishant Kurian, Smriti Arora (2015). Lack of Awareness: A barrier in cervical cancer screening. *International Journal of Oncological Nursing*, Volume1, No 2, page no. 12-16. ISSN IJOnN.
13. Jahanara Rahman (2015). Colostomy Care in Paediatric Patients. *International Journal of Science and Research*, Vol 4, Issue 10, page no. 2067-2069, ISSN (online) 2319-7064
14. Smriti Arora (2015). Helfer’s Skin Tap Technique for IM Injection Pain. *International Journal of Nursing Science Practice and Research*, Vol 1, Issue 2, page no. 1-2 ISSN IJNSPR.
15. Smriti Arora (2015). Integration of Nursing Theories in Practice. *International Journal of Nursing Science Practice and Research*, Vol 1, Issue 1, page no. 8-12 ISSN IJNSPR.
16. Bhat Nighat Ara, Thokchom Somibala, Bhardwaj Urmila (2015). Quality of Nursing Care Rendered by Staff Nurses and Patients Satisfaction: a comparative study. *International Journal of Nursing Education*, Vol 1, Number 2, page no. 87-92. online ISSN 0974-9357
17. Merlin Mary James (2015). Case Report: Bicornuate Uterus- A Precipitator of Maternal Morbidity. *Journal of Asian Midwives (JAM)*, vol 1 , issue 2, page no. 51-54 ISSN 2409-2290.
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disorders. International Journal Of Nursing Education, vol 7, issue1,page no. 26-31. online ISSN 0974-9357

19. Nidhi, Sarkaar S, Tamang E.L. (2015). Effectiveness of deep breathing exercises vs incentive spirometry on pulmonary function among patients with chronic airflow limitation. International Journal Of Nursing Education, Vol.7, issue 2, page no. 261-268 online ISSN 0974-9357

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23. Smriti Arora, Jyoti Sarin, Sujana Chakravarty. (2014) Effectiveness of empowering programme on nurses understanding and beliefs about HIV/AIDS. International Journal Of Nursing Education, Vol.6 (89-93) online ISSN 0974-9357

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24. Sadaf Basit, Manju Chhugani, Smriti Arora (January – June. 2013) A Study to assess the Knowledge and Attitude of Nurse Educators regarding Simulation. International Journal of Nursing Care, 1, (68-72), ISSN - 2320-8643.
25. Asha Abraham, Lama Tamang, Manju Chhugani (July-December 2013) Opinion of Nurse Educators and Student Nurses on the Development of Direct Entry Graduate Program in Midwifery. International Journal of Nursing Education, 2, (17 – 23), ISSN - 0974- 9349.
26. Mahesh Gupta, Urmila Bhardwaj, Bindu Shaiju (2013). Effectiveness of IEC program on nursing students with regard to management of children with ARI (Pneumonia) and Diarrhea based on IMNCI guidelines . International Journal Of Nursing Education. Vol.5, No1. 112-115 online ISSN 0974-9357
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30. Fatimeh Taleibi, Smriti Arora, Sujana Chakravarty. (2012) Problems of foreign students in a selected university of Delhi, International journal of nursing education, Vol.4 (79-82) online ISSN 0974-9357
31. Sunita Talwar, Smriti Arora, E.L. Tamang. (2012) Effectiveness of simulation based teaching programme: a preexperimental study. International journal of nursing education, Vol.4(83-86) online ISSN 0974-9357

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Management Of Complications Of Cu-T Insertion And Identification Of Decision Makers In The Family In Choosing Family Planning Methods In Selected PHC's Of Kashmir Valley. *Journal of Nursing and Health Science*, 4, (25-32). ISSN: 2320–1940.

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40. **Shilpi Sarkar**, Geeta Parwanda (2015). Item Analysis of Nursing Entrance Test Paper. *Journal of Nursing Science & Practice*. Volume 5, Pages-22-25. ISSN: 2249-4758(online), ISSN: 2348-957X(print).

41. **Shilpi Sarkar**, Sandhya Gupta (2015). Life of children in prison: The Innocent victims of mothers' imprisonment. *IOSR Journal of Nursing and Health Science (IOSR-JNHS)*. Volume 4, pages 86-89. e-ISSN: 2320–1959.p- ISSN: 2320–1940

42. Priyanka Bansal, Aman Saleem, Anjali Chahal, Anyama Henrietta, Deepali Gupta, Olufade Oluwakemi Maria, Parveen, Pooja Dhimaan, Tabassum Jahan (2015). Knowledge regarding Ebola Virus Disease (Ebola Hemorrhagic fever) among staff nurses in a selected hospital of Delhi. *Journal of Nursing Science and Practice*, Vol- 5, Pg (41-45), ISSN : 2249-4758(online), ISSN: 2348-957X (print)

43. Anjali Kaushik, Merlin Mary James (2015). A study to assess the Mental healoth status of Adolescence Studying in selected college of Delhi. *Journal of Psychiatric Nursing*, Vol 4, Issue 2, Page no. 45-47. ISSN 2277-9035

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45. Saba Hashmi, Smriti Arora, Somi Bala thokcom(2015).Effectiveness of an awareness program related to evidence based practice in nursing on knowledge and attitude among staff nurses in a selected hospital of Delhi. *Journal of nursing science and practice*, volume 5, pages(19 - 21);ISSN 2249-4758.

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	<p>Mothers- A Survey. Journal of Psychiatric Nursing. Vol. 4, No. 1 Jan- April pp 17-22 ISSN 2277-9035</p> <p>47. Rani, S. Sharma, V. (2015) Honour Killing. Journal of Psychiatric Nursing. Vol. 4, No. 1 Jan-April pp 27-30 ISSN 2277-9035</p> <p>48. Sunny, S. Thomas, J. Raj, P.P. Sharma, V. (2015) Assessment of the Occurrence of Sibling Violence among Adolescent Siblings. Journal of Psychiatric Nursing. Vol. 1, No. 1 Jan-June PAGE NO. 63-68. ISSN 2277-9035</p> <p>[2014]</p> <p>49. Priyanka Bansal, Urmila Bharadwaj , Manju Chhugani (2014). Delhi Ladli Scheme 2008: A Parental Perspective. Journal of Nursing Science and Practice. 4, (43- 48), ISSN - 2348- 957X.</p> <p>50. Madhu Bala, Manju Chhugani, Bindu Shaiju, Monika Gupta (Sep-Oct 2014). A Study to Assess the Effectiveness of Intravenous Iron Sucrose Injection in Pregnancy with Severe Anaemia and Formulation of Educational Tool for Nurses. STM Journal, 4, (20 – 26), eISSN: 2249–4758.</p> <p>51. Manju Chhugani, Shilpi Sarkar (June 2014). Therapeutic Touch Modalities and Pre-mature Neonates Health Outcome. Journal of Neonatal Biology, 3, ISSN: 2167-0897.</p> <p>52. Manju Chhugani, Anjali Kaushik (May 2014). Neonatal Nursing: Yesterday, Today and Tomorrow. Journal of Neonatal Biology, 3, ISSN: 2167-0897.</p> <p>53. Veena Sharma, Jamal Fatima, Kalpana, Nighat (2014). Assessment of pattern and Impact of bullying behaviour among school children . Journal of Psychiatric nursing. volume 3(issue 3):91-92 ISSN 2277-9035</p> <p>54. Jeena Pradeep, Smriti Arora, Brajmohan Singh. (2014) Concept Maps as an Educational Strategy to Enhance Critical Thinking among Student Nurses. Journal of Nursing Science and Practice, Vol.4,(30-37) ISSN: 2249 – 4758</p> <p>55. Cijo Koshy, Smriti Arora. (2014)Digital Tympanic Membrane Temperature versus Digital Axillary Temperature: Comparative Study among Neonates. Journal of Nursing Science and Practice. Vol.4, (38-46) ISSN: 2249 – 4758</p> <p>56. Sharma, V. (2014) Mental Health Morbidity in Older Adults. Journal of Psychiatric Nursing. Vol. 3, No. 2 May-August, pp 55-59 ISSN 2277-9035</p> <p>57. Mehav Khan, Urmila Bhardwaj, Seema Rani (2014). The effectiveness of structured teaching program on knowledge of Adolescents about obesity and lifestyle modification and dissemination of information booklet to school adolescents. Indian Journal of Youth Adolescent Health, vol 1, page no. 33-38. ISSN 2349-2880</p> <p>[2013]</p> <p>58. Manju Chhugani, P Jha, KL Caine (January-March 2013) Nurses bring New Family Methods to communities: Standard Days Method and Lactational Amenorrhea Method. Indian Journal of Community Health, 25, (82-85), ISSN – 0971-7587.</p> <p>59. Sarla Takoo, Manju Chhugani, Veena Sharma (Nov-Dec 2013) Effect of Information Education and Communication (IEC) Programme on Knowledge of Pregnant Mothers Regarding Prevention and Management of Warning Signs during Pregnancy. The Nursing Journal of India. CIV (6)N Page no. 284-288. ISSN, 0029-6503</p> <p>60. A. Malar Selvi, Smriti Arora, Bindu Shaiju. (2013) RCT to assess the effectiveness of 24% oral sucrose solution (OSS) versus Expressed Breast Milk in the management of neonatal pain. Research & Reviews: A Journal of Health Professions. Vol.3(9-14) ISSN:2277-6192</p> <p>61. Asha T Aniyani, Bindu Shaiju.(2013).Effect of Computer Assisted Instructions (CAI) on Central Venous Catheter Care in Knowledge and Practice of Staff Nurses in a selected Hospital in U.P. National Journal of India. VOL CIV No. 1,(42-46).ISSN-0029-6503</p> <p>62. Shilpi Sarkar, Rakesh Lodha, Manju Vatsa (2013). Clinical audit of pediatric medication in a tertiary care hospital. Nursing Journal India. Volume 104 pages 252-254. ISSN-0029-6503</p>
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70. Sharma, V. (2012) Anorexia Nervosa- A Case Study. Journal of Psychiatric Nursing. Vol. 2 No. 2, Page no.59-61. ISSN 2277-9035
71. Sharma, V. (2012) Utilization of Research by Nurses – Nurses’ Perspective. Journal of Nursing Science and Practice. Vol. 2, No. 1. Page no.152-155. ISSN 2249-4758
72. Bhardwaj, U. Sharma, V. George, S. Khan, A.A. (2012) Mental Health Risk Assessment in a Selected Urban Slum of Delhi- A Survey Report. Journal of Nursing Science and Practice. Vol. 2, No. 1, Page no. 116-122. ISSN 2249-4758
73. Sharma, v. (2012) Book Review- Practical Guide to Mental Health Nursing by W. Vimala Samson. Nursing Journal of India. Vol. CIII. No. 1. pp 41. ISSN 0029-6503
74. George, S. Shaiju, B. Sharma, V. (2012) Problems faced and Coping Strategies used by Adolescents with Mentally Ill Parents in Delhi. Nursing Journal of India. Vol. CIII. No. 4 July-August, pp 183-187. ISSN 0029-6503
75. Sharma, V. Rani, S. (2012) Compliance for Primary Immunization in Children in an Urban Slum of Delhi. STM- Journal of Nursing Science and Practice, vol 2(3), page no.24-28. ISSN; 2249-4758.
76. Rani S (2012). Study of Self Concept as Predictor of Anxiety among Adolescents. Journal of Psychiatric Nursing, vol 1, page no. 87-92. ISSN 2277-9035

POPULAR MAGAZINES/CONFERENCE PROCEEDINGS

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77. Manju Chhugani (April 2015) Skill Gap in Nursing. E-health magazine.
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79. Manju Chhugani (2014). Profession Sage – Femme. 207(6).

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80. Manju Chhugani (November 2013) Silent sentinels in Infection Prevention and Control. E-health magazine.
81. Manju Chhugani (June, 2013) Nursing profession in Transition. E-health magazine.
82. Bindu Shaiju, (Nov 2013). Fostering Innovations in Nursing Education .Conference proceedings of Workshop on “Innovations in Educational System: Key to Educational Reforms”. Jamia Hamdard
83. Bindu Shaiju,(Aug 2013). Partnership in Nursing-Dealing with Consumers. Hamdardians.

	<p>[2012]</p> <p>84. Manju Chhugani. (2012). Emerging Trends in Education. Rufaida College of Nursing, Jamia Hamdard Souvenir.</p> <p>85. Bindu Shaiju. (Feb 2012). Problem Based Learning : Souvenir of three day national workshop on “Effective Teaching-Learning and Assessment Strategies in Educational Methodology. Jamia Hamdard.64-68</p> <p>86. Bindu Shaiju. (Oct 2012). A Study to assess the knowledge and attitude of school going adolescents regarding tobacco use in a selected school in Delhi : Souvenir of three day National conference of NRSI –Silver Jubilee National Conference on the theme “Closing the gap- From Evidence to Action .Jamia Hamdard.60-61</p> <p>[2011]</p> <p>87. Manju Chhugani. (March 2011). Ethical consideration in Nursing Research: Souvenir of three day workshop on Evidence Based Nursing Practice: Bridging the Gap between Theory and Practice. Jamia Hamdard Souvenir.</p> <p>88. Manju Chhugani. (February 2011). Maternal Mortality: A Human Right Issue. Published in the proceedings of UGC sponsored National Seminar on Science and Ethics and Human Rights. Centre for Federal studies, Jamia Hamdard.</p> <p>89. Bindu Shaiju. (March 2011). Theory-Practice Gap: A Debate In Nursing Profession And Barrier to Evidence Based Practice : Souvenir of three day workshop on Evidence Based Nursing Practice: Bridging the Gap between Theory and Practice. Jamia Hamdard.</p> <p>NON-INDEXED</p> <p>[2015]</p> <p>90. Priyanka Bansal (2015). Nitrile gloves over Latex gloves: Need of the hour. International journal of Nursing Critical Care, Vol- 1, page no. (1-3)</p> <p>[2013]</p> <p>91. Thokchom S.(2013) Evaluating clinical skill of Nursing students. Nightingale Nursing Times. Vol.8 .No 12, Pages -41-44.</p> <p>92. Sharma, V. (2013) Nursing Care of Older Adults at Risk for Infection. Journal of Geriatric Care. Vol. 2, No. 2 page no. 40-41</p> <p>[2012]</p> <p>93. Sharma, V. (2012) Dementia in Older Adults. Indian Journal of Geriatric Care. Vol. 1, No. 3, Page no. 82-84</p> <p>94. Rani, S. Sharma, V. (2012) Prevalence of Common Health Problems among Elderly and Health Care Facilities availed by them in an Urban Slum, South Delhi. Indian Journal of Geriatric Care. Vol. 1, No. 3, page no. 79-81.</p> <ul style="list-style-type: none"> • Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) <ul style="list-style-type: none"> ▪ Impact Factor – range/average = 0.99 – 4.438 													
23.	Details of patents and income generated:	Nil												
24.	Areas of consultancy and income generated:	Nil												
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	<table border="1"> <thead> <tr> <th data-bbox="691 1696 1122 1730">Name of the Faculty</th> <th data-bbox="691 1730 1122 1797">Name of the Institute</th> <th data-bbox="691 1797 1122 1864">Country/ State</th> </tr> </thead> <tbody> <tr> <td data-bbox="691 1730 1122 1932" rowspan="4">Prof. (Dr.) Manju Chhugani</td> <td data-bbox="1122 1730 1554 1797">Kungsholmens Vastra Gymnasium, Sweden</td> <td data-bbox="1122 1730 1554 1797">Sweden</td> </tr> <tr> <td data-bbox="1122 1797 1554 1864">Regional workshop on establishment of Midwives Alliance for Asia</td> <td data-bbox="1122 1797 1554 1864">Dhaka, Bangladesh</td> </tr> <tr> <td data-bbox="1122 1864 1554 1898">Midwifery Workforce Workshop Asia</td> <td data-bbox="1122 1864 1554 1898">Bangkok, Thailand</td> </tr> <tr> <td data-bbox="1122 1898 1554 1932">ICM Asia Pacific Regional Conference</td> <td data-bbox="1122 1898 1554 1932">Yokohama, Japan</td> </tr> </tbody> </table>	Name of the Faculty	Name of the Institute	Country/ State	Prof. (Dr.) Manju Chhugani	Kungsholmens Vastra Gymnasium, Sweden	Sweden	Regional workshop on establishment of Midwives Alliance for Asia	Dhaka, Bangladesh	Midwifery Workforce Workshop Asia	Bangkok, Thailand	ICM Asia Pacific Regional Conference	Yokohama, Japan
Name of the Faculty	Name of the Institute	Country/ State												
Prof. (Dr.) Manju Chhugani	Kungsholmens Vastra Gymnasium, Sweden	Sweden												
	Regional workshop on establishment of Midwives Alliance for Asia	Dhaka, Bangladesh												
	Midwifery Workforce Workshop Asia	Bangkok, Thailand												
	ICM Asia Pacific Regional Conference	Yokohama, Japan												

		International Training Programme on Strengthening midwifery competence in Sexual reproduction Health and Service	Combdia
		Expert Review Group for the Midwifery Framework	Netherlands
		ICM 30 th Triennial Congress	Prague, Czech Republic
		South Asian Regional Resource Center for Midwifery Development, Strategic Planning Meeting	Dubai, UAE
		Advanced International Training Programme- Strengthening Midwifery Competence in Sexual and Reproductive Health and services	Sweden
		International Workshop of FIGO, South Asia Federation and Sri Lankan College of Obstetricians and Gynecology	Colombo, Sri Lanka
		Workshop – Making it Happen, Liverpool School of Tropical Medicine	UK
		Launching the midwives Alliance of Asia	Jakarta, Indonesia
		Asia pacific regional conference “ For the Health of Women and Children- Let’s take action	Ha Noi, Vietnam
	Ms. Veena Sharma	Kungsholmens Vastra Gymnasium, Sweden	Sweden
	Ms. Bindu Shaiju	Kungsholmens Vastra Gymnasium, Sweden	Sweden
	Ms. Merlin Mary James	Kungsholmens Vastra Gymnasium, Sweden	Sweden
	Ms. Ashin Merlin Jacob	Kungsholmens Vastra Gymnasium, Sweden	Sweden
	Ms. Shenry Daniel	Kungsholmens Vastra Gymnasium, Sweden	Sweden
	Dr. Smriti Arora	Beijing Traditional Chinese Medicine Research Institute, China	China
	Ms. Fareha Khan	Beijing Traditional Chinese Medicine Research Institute, China	China
	Ms. Ashin Merlin Jacob	Beijing Traditional Chinese Medicine Research Institute, China	China
	Ms. K. Rebika	Virundavan Institute of Nursing Education	Goa, India
	Ms. Somibala Thokchom	Christian Medical College, Ludhiana	Punjab, India
	Ms. Somibala Thokchom	Shree Guru Govind Singh Tricentenary University	Gurgaon, Haryana
	Ms. Mikki Khan	Virundavan Institute of Nursing Education	Goa, India
26.	Faculty serving in:		
	Name of Faculty		
	Prof.(Dr.)Manju	NATIONAL COMMITTEE	

	Chhugani	<ol style="list-style-type: none"> 1. Expert member in MP TAST for MCH 2. Expert –Committee constituted by GOI to review the INC Act 1947. 3. Member-Technical Resource Group at MOHFW 4. Core Group Member of MOHFW on Skill Lab 5. Executive Committee member- White Ribbon Alliance India 6. Member of Selection Committee at NIHF 7. Member of Selection Committee at IGNOU. 8. Member of Review Committee at IGNOU. 9. Member Committee to review the Certificate Program in MCH Nursing at IGNOU
		INTERNATIONAL COMMITTEE <ol style="list-style-type: none"> 1. Member- Midwifery Strategy Planning Committee for South Asia- Dhaka, Bangladesh 2. Country Contact for Midwifery Today 3. Executive Member – White Ribbon Alliance of India (WRAI)
		EDITORIAL BOARD OF JOURNAL <ol style="list-style-type: none"> 1. Asian Journal of Nursing Research-Editorial Board 2. Indian Journal of Community Medicine- Peer Review. 3. International Journal of Nursing and Midwifery- Reviewer 4. Certificate in Maternal and Child Health Nursing – IGNOU – Editorial Board 5. Journal of Asian Midwives – Editorial Board 6. Journal, Community and Public Health Nursing – Red Flower Publication – Editorial Board 7. International Journal of Nursing & Midwifery Research. ADR Publications. Editor in Chief.
		Any other <ol style="list-style-type: none"> 1. Chairperson – Board of Studies – Rufaida College of Nursing, Jamia Hamdard 2. Chief Editor – Rufaida Times – College Magazine, Jamia Hamdard
	Ms. Urmila D. Bhardwaj	NATIONAL COMMITTEE – Nil
		INTERNATIONAL COMMITTEE- Nil
		EDITORIAL BOARD OF JOURNAL <ol style="list-style-type: none"> 1. International Journal of Advance Research in Nursing Science and Midwifery 2. International Journal of Nursing & Midwifery Research
		ANY OTHER Member – Board of Studies – Rufaida College of Nursing (Jamia Hamdard)
	Ms. Veena Sharma	NATIONAL COMMITTEE – Nil
		INTERNATIONAL COMMITTEE – Nil
		EDITORIAL BOARD OF JOURNAL <ol style="list-style-type: none"> 1. Journal Of Psychiatric Nursing –Chief Editor 2. International Journal of Nursing & Midwifery Research –Associate Editor
		ANY OTHER Member – Board of Studies – Rufaida College of Nursing (Jamia Hamdard)
	Ms. Seema Rani	NATIONAL COMMITTEE – Nil
		INTERNATIONAL COMMITTEE – Nil

	<p>EDITORIAL BOARD OF JOURNAL 1 International Journal of Nursing & Midwifery Research –Associate Editor</p> <p>ANY OTHER – 1.Member – Board of Studies – Rufaida College of Nursing (Jamia Hamdard) 2.Trainer - GFATM</p>
Dr. Smriti Arora	NATIONAL COMMITTEE – Nil
	INTERNATIONAL COMMITTEE – Nil
	<p>EDITORIAL BOARD OF JOURNAL 1 International Journal of Nursing Education 2 International Journal Of Pediatric Nursing 3 International Journal Of Nursing Sciences, Practice and Research 4 International Journal Of Obstetrics, Prenatal and Neonatology Nursing 5 International Journal of Nursing & Midwifery Research</p> <p>ANY OTHER 1.Member – IQAC Jamia Hamdard (Jamia Hamdard) 2.Member – Board of Research Studies – Rufaida College of Nursing (Jamia Hamdard) 3.Trainer – GFATM</p>
	<p>NATIONAL COMMITTEE 1. Curriculum Committee member, CMAI 2. Executive Committee member, CMAI (Christian Medical Association Of India)</p> <p>INTERNATIONAL COMMITTEE – Nil</p> <p>EDITORIAL BOARD OF JOURNAL 1. International Journal of Nursing & Midwifery Research. ADR Publications (Associate Editor)</p> <p>ANY OTHER 1. Vigilance committee (Jamia Hamdard) 2. IQAC, Brochure committee, Admission and promotion committee of Jamia Hamdard (Jamia Hamdard) 3. Treasurer-Alumni Association –Faculty Of Nursing, (Jamia Hamdard) 4. Editor-“Rufaida Times” magazine of Faculty of Nursing (Jamia Hamdard) 5. Editorial Member of medical college magazine-“Hamdardians” (Jamia Hamdard) 6. Member, Trained Nurses Association of India (TNAI) 7. Member, Nursing Research Society of India (NRSI) 8. Member – Board of Studies – Rufaida College of Nursing (Jamia Hamdard)</p>
Ms. Bindu Shaiju	NATIONAL COMMITTEE - Nil
	INTERNATIONAL COMMITTEE – Nil
	EDITORIALBOARD OF JOURNAL 1.International Journal of Paediatric Nursing 2 International Journal of obstetrical Nursing 3 International Journal of Nursing & Midwifery Research
	ANY OTHER – Nil
Ms. Mikki Khan	NATIONAL COMMITTEE – Nil
	INTERNATIONAL COMMITTEE – Nil
Ms. Jamal Fatima	NATIONAL COMMITTEE – Nil
	INTERNATIONAL COMMITTEE – Nil

	<p>EDITORIAL BOARD OJ JOURNAL 1. Journal of Nurse Midwifery And Mental Health 2. International Journal of Pediatric Nursing</p> <p>ANY OTHER – Nil</p>
Ms. Fareha Khan	NATIONAL COMMITTEE – Nil
	INTERNATIONAL COMMITTEE – Nil
	EDITORIAL BOARD OF JOURNAL 1 International Journal Of Nursing And Midwifery Research
	ANY OTHER 1.SNA Advisor (Jamia Hamdard) 2.Trainer – GFATM
Ms. Merlin Mary James	NATIONAL COMMITTEE – Nil
	INTERNATIONAL COMMITTEE – Nil
	EDITORIAL BOARD OF JOURNAL International Journal Of Nursing And Midwifery Research
	ANY OTHER – 1.SNA Advisor (Jamia Hamdard) 2.Trainer – NRP
Ms. Ashin Merlin Jacob	NATIONAL COMMITTEE – Nil
	INTERNATIONAL COMMITTEE – Nil
	EDITORIAL BOARD OF JOURNAL - Nil
	ANY OTHER 1.Member - Editorial Board of “Rufaida Times” – College Magazine (Jamia Hamdard) 2.Trainer – NRP
Ms. Nahid Zebi	NATIONAL COMMITTEE- Nil
	INTERNATIONAL COMMITTEE- Nil
	EDITORIAL BOARD OF JOURNAL- Nil
	ANY OTHER 1 Secretary- Alumni Association – Faculty Of Nursing(Jamia Hamdard) 2 Member – Eco Club Unit – Faculty Of Nursing (Jamia Hamdard) Under Deptt Of Env't , Government Of NCT Of Delhi 3. Admission and promotion committee of Jamia Hamdard
Ms. Asha T Aniyan	NATIONAL COMMITTEE – Nil
	INTERNATIONAL COMMITTEE – Nil
	EDITORIAL BOARD OF JOURNAL International Journal of Nursing & Midwifery Research
	ANY OTHER 1.Trainer – GFATM 2.Member - Editorial Board of “Rufaida Times” – College Magazine (Jamia Hamdard)
Ms. Jahanara Rahman	NATIONAL COMMITTEE – Nil
	INTERNATIONAL COMMITTEE – Nil
	EDITORIAL BOARD OF JOURNAL International Journal Of Nursing And Midwifery Research
	ANY OTHER 1.Trainer – GFATM
Mr. Naseem Mancheri	NATIONAL COMMITTEE – Nil
	INTERNATIONAL COMMITTEE – Nil
	EDITORIAL BOARD OF JOURNAL

		International Journal of Nursing & Midwifery Research	
		ANY OTHER – Nil	
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):		
	Name of faculty member	Title of programme	Institution where attended
	Prof. Manju Chhugani Principal	Workshop on Dissemination of Initiatives towards Task Shifting and Strengthening Midwifery Education for RMNCH + A by GOI	Jamia Hamdard 10-03-14 to 11-03-14
		Infusion Nurses Training Program	Jamia Hamdard November 2013
		National Workshop on 'Effective Teaching Learning and Assessment Strategies in Educational Methodology	Jamia Hamdard March, 2013
		Workshop on 'Evidence Based Nursing Practice- Bridging the Gap between Theory and Practice'	Jamia Hamdard March 2012
		National workshop on 'Closing the Gap- From Evidence to Action' – Nursing Research Society of India	Jamia Hamdard 2012
		Regional workshop on Establishment of Midwives Alliance for Asia	Dhaka, Bangladesh June 15 – 17, 2015
		Regional Midwifery Training workshop and workshop on Regional Resource Centre for Midwifery Development.	Bangkok, Thailand. March 2 – 6, 2015
		International Workshop of FIGO, South Asia Federation and Sri Lankan College of Obstetricians and Gynecology	Colombo, Sri Lanka October 28 -30, 2014
		Workshop – Making it Happen, Liverpool School of Tropical Medicine	UK May 5 – 9, 2014
		International Confederation of Midwives 30 th Triennial Congress	Prague, Czech Republic May 25 – June 6 2014.
		SIDA's Phase IV international training on strengthening Midwifery competence in sexual and reproduction health and	Cambodia November 23 – December 2, 2012.

	service in Cambodia		
	Phase I and II in the Advanced International Training Programme on Strengthening Midwifery Competence in Sexual and Reproductive Health and Services.	Sweden	October 3 – 28, 2011.
	Regional Nursing Workshop.	Pondicherry, Tamil Nadu	September 17 – 20, 2012
	National workshop on Maternal Health	New Delhi	July 14 – 15, 2011
	Evidence based practice for quality patient care	Jamia Hamdard	8 th October, 2015
2. Mrs. Urmila D. Bhardwaj Associate Professor	Workshop on Communicating Responsibly and Assertively	Jamia Hamdard, Delhi	11-03-15
	Orientation towards leadership in health sector	Safdarjun Hospital, New Delhi	25/09/2013 to 26/09/2013
3. Ms. Veena Sharma Associate Professor	Smart nursing scientific program-world cardiology conference	Shantivan, Rajasthan	5-09-15
	Workshop on Leadership in health care	MAMC, Delhi	12-11-14
	Workshop on Couples therapy	VIMHANS, Delhi	18-03-14 to 20-03-14
	Workshop on “Terror, Trauma and Transformation”	VIMHANS, Delhi	14-06-12
	International Heart Protection Summit Organized by MoPHW, Planning Commission and ASSOCHAM	Hotel Ashoka, Delhi	28-09-11
4. Ms. Seema Rani Assistant professor	Orientation program	H.P University Shimla	22-06-15 to 18-07-15
	Winter school (Theme- Relevance of research for society)	Punjab University, Patiala	01-12-15 to 21-12-15
	Workshop on Stress Management for Health Care Professionals	Jamia Hamdard, Delhi	30-03-15
	Workshop on Research Paper – Publication, Citation Analysis and Impact Factor	Jamia Hamdard, Delhi	24-03-15
	Workshop on Communicating Responsibly and Assertively	Jamia Hamdard, Delhi	11-03-15
	NRSI conference on bridging the gap: Evidence to action	Jamia Hamdard, Delhi	29-10-12 to 31-10-12
	Evidence Based Practice for quality patient care	Jamia Hamdard	8 th October, 2015
5. Dr. (Mrs) Smriti	Workshop on Dissemination	Jamia Hamdard	10-03-14 to 11-03-

Arora Assistant Professor	of Initiatives towards Task Shifting and Strengthening Midwifery Education for RMNCH + A by GOI		14
	Pre Conference Workshop of 52 nd Annual National Conference of the Indian Academy of Pediatrics	Jamia Hamdard, Delhi	21-01-15
	TOT Under GFATM)	RAK College of nursing, Delhi	16-12-13 to 21-12-13
	TOT on Neonatal Resuscitation Programme	Leisure valley, Haryana	17-06-12 to 18-06-12
	Neonatal emergency simulation training	LHMC, Delhi	30-11-2014
	Workshop on Methods in qualitative research	IIPHD, Haryana	14/6/11 to 17/6/11
6. Ms. Bindu Shaiju Assistant Professor	Revisiting women Mental Health	LHMC, New Delhi	01/08/2015
	Workshop on Decoding the Can in Cancer: A Proactive Approach	Jamia Hamdard, Delhi	4-02-15
	Workshop on Stress Management for Health Care Professionals	Jamia Hamdard, Delhi	30-03-15
	Workshop on Communicating Responsibly and Assertively	Jamia Hamdard, Delhi	11-03-15
	Workshop on Research Paper – Publication, Citation Analysis and Impact Factor	Jamia Hamdard, Delhi	24-03-15
	Workshop on Dissemination of Initiatives towards Task Shifting and Strengthening Midwifery Education for RMNCH + A by GOI	Jamia Hamdard	10-03-14 to 11-03-14
	Brain Awareness Week	IHBAS, New Delhi	12/03/2013 to 19/03/2013
	Ethical Consideration in Health Care	CMAI, New Delhi	15/10/2013to 17/10/2013
	International Heart Protection Summit Organized by MoPHW, Planning Commission and ASSOCHAM	Hotel Ashoka, Delhi	28-09-11
	Fertility Awareness based Methods for Nurse Educators	Jamia Hamdard in collaboration with Institute of Reproductive Health	28-05-2012
7. Ms. Hemlatha Nair Tutor	Workshop on Communicating Responsibly and Assertively	Jamia Hamdard, Delhi	11-03-15
	Workshop on Evidence based	Jamia Hamdard,	8-10-15

	practice for quality care	Delhi	
	Workshop on Decoding the Can in Cancer: A Proactive Approach	Jamia Hamdard, Delhi	4-02-15
	Workshop on Dissemination of Initiatives towards Task Shifting and Strengthening Midwifery Education for RMNCH + A by GOI	Jamia Hamdard	10-03-14 to 11-03-14
	Workshop on Counseling skills for health professionals	NIHFW, Delhi	4-02-13 to 8-02-13
8. Mr.Eke Lama Tamang Tutor	Workshop on Stress Management for Health Care Professionals	Jamia Hamdard, Delhi	30-03-15
	Workshop on Research Paper – Publication, Citation Analysis and Impact Factor	Jamia Hamdard, Delhi	24-03-15
	Leadership and personality enrichment programme	Safdarjung Hospital, Delhi	26/9/14-27/9/14
9. Mrs. Mikki Khan Tutor	Workshop on Decoding the Can in Cancer: A Proactive Approach	Jamia Hamdard, Delhi	4-02-15
	National skill lab Training- DAKSH	Jamia Hamdard	27-10-14 to 1-11-14
	Workshop on Dissemination of Initiatives towards Task Shifting and Strengthening Midwifery Education for RMNCH + A by GOI	Jamia Hamdard	10-03-14 to 11-03-14
	Fertility Awareness based Methods for Nurse Educators	Jamia Hamdard in collaboration with Institute of Reproductive Health	28-05-2012
10. Ms.Jamal Fatima Tutor	Workshop on Communicating Responsibly and Assertively	JamiaHamdard, Delhi	11-03-15
	Continuing Nursing Education Program – Climate Change and Women Empowerment	Talkatora Indoor Stadium, New Delhi	October 17, 2014
	Workshop on “ Innovations in educational system: Key to educational reforms”	Jamia Hamdard	25 November 2013.
	Workshop on “Prevention and Management of cervical & breast cancer and ICM standard”	Jamia Hamdard	22 April 2013.
	National workshop on “Fertility awareness based	Jamia Hamdard	28 may 2012.

		methods for nurse educators”			
		Nursing management update	Jamia Hamdard	15 March to 22 March 2011	
11.Mrs. Somibala Thokchom Tutor		Pre conference workshop on NRP for nurses organized by PEDICON	Delhi	21-01-15	
		National skill lab Training-DAKSH	Jamia Hamdard	27-10-14 to 1-11-14	
		TOT on Minimum initial service package for sexual and reproductive health	Shere.India, Faridabad, Haryana	29-07-13 to 3-08-13	
		Neonatal Resuscitation Program	Jamia Hamdard	3-05-13	
		Workshop on Evidence based practice for quality care	Jamia Hamdard, Delhi	8-10-15	
12.Sartaj Parveen Clinical Instructor		Workshop on Communicating Responsibly and Assertively	JamiaHamdard, Delhi	11-03-15	
		Workshop on Decoding the Can in Cancer: A Proactive Approach	Jamia Hamdard, Delhi	4-02-15	
		IAPNNF Neonatal Resuscitation Program	Jamia Hamdard	12-10-13	
		National Workshop on ‘Effective Teaching Learning and Assessment Strategies in Educational Methodology	Jamia Hamdard	March, 2013	
		Workshop on Decoding the Can in Cancer: A Proactive Approach	Jamia Hamdard, Delhi	4-02-15	
13.Mrs.Anjali Kaushik Clinical Instructor		Workshop on Research Paper – Publication, Citation Analysis and Impact Factor	Jamia Hamdard, Delhi	24-03-15	
		Workshop on Communicating Responsibly and Assertively	Jamia Hamdard, Delhi	11-03-15	
		“Emerging issues in youth and adolescents: A national Consultative meet”	MAMC, Delhi	1-02-14	
		Workshop on synergizing technology and humanism in neonatal intensive care	Maharishi Markendeshwar College of Nursing, Ambala	14-02-14 to 16-02-14	
		Workshop on “ Innovations in educational system: Key to educational reforms”	Jamia Hamdard	25 November 2013.	
	14.Mrs.Saba Hashmi Clinical Instructor		Workshop on Research Paper – Publication, Citation Analysis and Impact Factor	Jamia Hamdard, Delhi	24-03-15
			Pre conference workshop on NRP for nurses organized by PEDICON	Delhi	22-01-15 to 25-01-15

	National skill lab Training-DAKSH	Jamia Hamdard	15-06-15 to 20-06-15
	Neonatal Resuscitation Program	Jamia Hamdard	20-09-13
	“Emerging issues in youth and adolescents: A national Consultative meet”	MAMC, Delhi	1-02-14
	Workshop on “ Innovations in educational system: Key to educational reforms”	Jamia Hamdard	25-11-13
15. Ms. Nahid Zebi Clinical Instructor	CME on Revisiting women Mental Health	LHMC, New Delhi	01/08/2015
	Workshop on Evidence based practice for quality care	Jamia Hamdard, Delhi	8-10-15
	Continuing Nursing Education Program – Climate Change and Women Empowerment	Heart Care Foundation, 21 st MTNL Perfect Health Mela, Talkatora Indoor Stadium, New Delhi	17-10-14
	Workshop on Dissemination of Initiatives towards Task Shifting and Strengthening Midwifery Education for RMNCH + A by GOI	Jamia Hamdard	10-03-14 to 11-03-14
	Workshop on “ Innovations in educational system: Key to educational reforms”	Jamia Hamdard	25 November 2013.
	Workshop on enhancing quality of midwifery education in Bihar	Jamia Hamdard	27-08-12 to 31-08-12
	Workshop on Skill update in nursing administration	RAK College of Nursing, Delhi	11-06-12 to 18-06-12
	Workshop on Research methodology	Jamia Hamdard	29-07-11 to 31-07-11
	Critical care nursing update-2011	AIIMS, Delhi	15-02-11 to 21-02-11
16. Mrs. Shilpi Sarkar Tutor	Workshop on Communicating Responsibly and Assertively	Jamia Hamdard, Delhi	11-03-15
17. Mrs. Fareha Khan Tutor	Workshop on Evidence based practice for quality care	Jamia Hamdard, Delhi	8-10-15
	Workshop on Decoding the Can in Cancer: A Proactive Approach	Jamia Hamdard, Delhi	4-02-15
	Training course on health care techniques of TCM for developing countries, China	China	22-07-15 to 15-09-15
	Workshop on Dissemination of Initiatives towards Task	Jamia Hamdard	10-03-14 to 11-03-14

	Shifting and Strengthening Midwifery Education for RMNCH + A by GOI		
	Workshop on Nursing trends in India	Mohali, Punjab	22-02-14
	TOT HIV/ AIDS under GFATM	RAK College of nursing, Delhi	9-12-13 to 14-12-13
	Workshop on Evidence based nursing practice: Bridging the gap between theory and practice	Jamia Hamdard	March 2012
	TOT on TB (Under GFATM)	RAK College of nursing, Delhi	28-1-15 to 30-1-15
18.Mrs. Jahanara Rahman Tutor	Workshop on Stress Management for Health Care Professionals	Jamia Hamdard, Delhi	30-03-15
	Workshop on Research Paper – Publication, Citation Analysis and Impact Factor	Jamia Hamdard, Delhi	24-03-15
	Workshop on Communicating Responsibly and Assertively	Jamia Hamdard, Delhi	11-03-15
	Workshop on Decoding the Can in Cancer: A Proactive Approach	Jamia Hamdard, Delhi	4-02-15
	TOT on Neonatal Resuscitation Programme	Nakhrali Dhani, Indore	2-02-14
	TOT on HIV/AIDS (Under GFATM)	RAK College of nursing, Delhi	16-12-13 to 21-12-13
19.Mrs. Asha T Aniyam Tutor	Workshop on Stress Management for Health Care Professionals	Jamia Hamdard, Delhi	30-03-15
	Workshop on Research Paper – Publication, Citation Analysis and Impact Factor	Jamia Hamdard, Delhi	24-03-15
	Workshop on Communicating Responsibly and Assertively	Jamia Hamdard, Delhi	11-03-15
	Workshop on Decoding the Can in Cancer: A Proactive Approach	Jamia Hamdard, Delhi	4-02-15
	TOT on TB (Under GFATM)	RAK College of nursing, Delhi	28-1-15 to 30-1-15
20. Mrs. Anju Tutor	National skill lab Training-DAKSH	Jamia Hamdard	15-06-15 to 20-06-15
	Workshop on Stress Management for Health Care Professionals	Jamia Hamdard, Delhi	30-03-15
	Workshop on Decoding the Can in Cancer: A Proactive Approach	Jamia Hamdard, Delhi	4-02-15
	Workshop on Research Paper	Jamia Hamdard, Delhi	24-03-15

		– Publication, Citation Analysis and Impact Factor	Delhi	
		Workshop on Dissemination of Initiatives towards Task Shifting and Strengthening Midwifery Education for RMNCH + A by GOI	Jamia Hamdard	10-03-14 to 11-03-14
		Conference on Innovative trends in Community Health Nursing	Eternal university, Baru Sahib, H.P	5-10-13 to 6-10-13
		Preconference workshop on “How to publish a paper”	Cancer Hospital and Research Institute ,Gwalior	11-02-11 to 13-02-11
	21. Ms. Neha John Tutor	Workshop on Implementation of Revised GNM Syllabus - 2015	DNC, Delhi	26-11-15 to 27-11-15
		Workshop on Stress Management for Health Care Professionals	Jamia Hamdard, Delhi	30-03-15
		Workshop on Research Paper – Publication, Citation Analysis and Impact Factor	Jamia Hamdard, Delhi	24-03-15
		Workshop on Communicating Responsibly and Assertively	Jamia Hamdard, Delhi	11-03-15
		Course on National Level Training of Trainers Liverpool School of Tropical Medicine and Maternal Health Division, MoHFW, GoI	National Skills Training Centre – Daksh, Jamia Hamdard	15-06-15 to 20-06-15
		Workshop on Decoding the Can in Cancer: A Proactive Approach	Jamia Hamdard, Delhi	4-02-15
		Leadership and Personality Enrichment Programme organized by: Jamia Hamdard in collaboration Whats in the Name	Jamia Hamdard, Delhi	26-09-14 to 27-09-15
		Continuing Nursing Education Program – Climate Change and Women Empowerment	Heart Care Foundation, 21 st MTNL Perfect Health Mela, Talkatora Indoor Stadium, New Delhi	17-10-14
	22. Ms. Sheny Daniel Tutor	Workshop on Stress Management for Health Care Professionals	Jamia Hamdard, Delhi	30-03-15
		Workshop on Research Paper – Publication, Citation Analysis and Impact Factor	Jamia Hamdard, Delhi	24-03-15

	Workshop on Communicating Responsibly and Assertively	Jamia Hamdard, Delhi	11-03-15
	Workshop on Clinical Research and Bioethics Organized by: Research Project Advisory Committee,	Hamdard Institute of Medical Sciences and Research (HIMSR), Jamia Hamdard,	24-02-15
	Workshop on Decoding the Can in Cancer: A Proactive Approach	Jamia Hamdard, Delhi	4-02-15
	Pre Conference Workshop of 52 nd Annual National Conference of the Indian Academy of Pediatrics	Jamia Hamdard, Delhi	21-01-15
23. Mr. Naseem. M Tutor	Leadership and Personality Enrichment Programme Organized by: Jamia Hamdard in collaboration Whats in the Name	Jamia Hamdard, Delhi	26-09-14 to 27-09-15
	Workshop on “Time management amongst college Students”	National Institute of Nursing Education (NINE), PGIMER, Chandigarh.	11-05-15
	(Under the auspices of Academic college of Emergency Experts in India); Workshop (Airway management in Emergency / Basic life support) and CME	(NINE), PGIMER, Chandigarh.	13-04-15 to 14-04-15
	State level Workshop on “Nursing Process: A core to quality nursing care”	College of Nursing, TATA Memorial Hospital, Parel, Mumbai	19-12-12
	Workshop on “Antimicrobial Resistance, No Action Today, No Cure Tomorrow”	MIMS College of Nursing, Puthukode, Kerala	07-04-15
	CME Cum Workshop on Contraception Update & PPIUCD Insertion Technique	HIMSR, Jamia Hamdard	October 17, 2015
	2015 Training Course on Healthcare Technique of Traditional Chinese Medicine for Developing Countries	Beijing, China	July 22 – September 15, 2015
24. Ms. Ashin Merlin Jacob Tutor	Workshop on Stress Management for Health Care Professionals	Jamia Hamdard, Delhi	30-03-15
	Workshop on Research Paper – Publication, Citation Analysis and Impact Factor	Jamia Hamdard, Delhi	24-03-15
	Workshop on Communicating Responsibly	Jamia Hamdard, Delhi	11-03-15

		and Assertively		
		“Suraksha” – Safe Infusion Therapy Workshop on Prevention of Needle Stick Injury	Ayurvigyan Auditorium, Army Hospital (R&R)	January 10, 2015
		Continuing Nursing Education Program – Climate Change and Women Empowerment	Talkatora Indoor Stadium, New Delhi	October 17, 2014
	25. Ms. Merlin Mary James Tutor	CME Cum Workshop on Contraception Update & PPIUCD Insertion Technique	Jamia Hamdard	October 17, 2015
		Workshop on Introduction to Experiential Learning in Nursing	Berkeley Health Education, Lajpat Nagar, New Delhi	July 1, 2015
		Workshop on Stress Management for Health Care Professionals	Jamia Hamdard, Delhi	30-03-15
		Workshop on Research Paper – Publication, Citation Analysis and Impact Factor	Jamia Hamdard, Delhi	24-03-15
		Workshop on Communicating Responsibly and Assertively	Jamia Hamdard, Delhi	11-03-15
		Workshop on Clinical Research and Bioethics	Jamia Hamdard, New Delhi	February 24, 2015
		“Suraksha” – Safe Infusion Therapy Workshop on Prevention of Needle Stick Injury	Ayurvigyan Auditorium, Army Hospital (R&R)	January 10, 2015
		Continuing Nursing Education Program – Climate Change and Women Empowerment	Talkatora Indoor Stadium, New Delhi	October 17, 2014
		Leadership and Personality Enrichment Programme	Jamia Hamdard,	September 26 – 27, 2014
	26. Ms. Sarita Ahwal Tutor	Workshop on Decoding the Can in Cancer: A Proactive Approach	Jamia Hamdard, Delhi	4-02-15
		Workshop on Research Paper – Publication, Citation Analysis and Impact Factor	Jamia Hamdard, Delhi	24-03-15
		Workshop on Communicating Responsibly and Assertively	Jamia Hamdard, Delhi	11-03-15
		National skill lab Training- DAKSH	Jamia Hamdard	15-06-15 to 20-06-15
		Orientation towards leadership in health sector	Safdarjun Hospital, New Delhi	25/09/15 to 26/09/15
		7 th world congress on clinical, preventive cardiology and	Mount Abu Road, Rajasthan	2012

	Imaging		
	7 th Indo-US emergency medicine Summit	AIIMS, New Delhi	2011
27.Ms. Rajlaxmi Tutor	Workshop on Stress Management for Health Care Professionals	Jamia Hamdard, Delhi	30-03-15
	Workshop on Decoding the Can in Cancer: A Proactive Approach	Jamia Hamdard, Delhi	4-02-15
	Workshop on Research Paper – Publication, Citation Analysis and Impact Factor	Jamia Hamdard, Delhi	24-03-15
	Workshop on Communicating Responsibly and Assertively	Jamia Hamdard, Delhi	11-03-15
	National skill lab Training-DAKSH	Jamia Hamdard	15-06-15 to 20-06-15
	Workshop on Leadership and personality enrichment Programme	Jamia Hamdard	26/09/14to27/09/14
	Workshop on advances in Nursing Education	RAK, New Delhi	2013
	28.Ms.K. Rebika Clinical Instructor	Workshop-PEDICON-2015	Jamia Hamdard
National skill lab Training-DAKSH		Jamia Hamdard	15-06-15 to 20-06-15
Orientation towards leadership in health sector		Safdarjun Hospital, New Delhi	25/09/2015 to 26/09/2015
29.Ms.Aastha Singh Clinical Instructor	National skill lab Training-DAKSH	Jamia Hamdard	15-06-15 to 20-06-15
	Orientation towards leadership in health sector	Safdarjun Hospital, New Delhi	25/09/2015 to 26/09/2015
30.Ms.Sumi Rachel Samuel Clinical Instructor	National skill lab Training-DAKSH	Jamia Hamdard	15-06-15 to 20-06-15
	Orientation towards leadership in health sector	Safdarjun Hospital, New Delhi	25/09/2015 to 26/09/2015
	Workshop-PEDICON-2015	Jamia Hamdard	22-01-15 to 25-01-15
31.Ms.Jeeva Roy Clinical Instructor	National skill lab Training-DAKSH	Jamia Hamdard	15-06-15 to 20-06-15
	Orientation towards leadership in health sector	Safdarjun Hospital, ND	25/09/2015 to 26/09/2015
	Workshop-PEDICON-2015	Jamia Hamdard	22-01-15 to 25-01-15
32. Ms. Shaheen Khan Clinical Instructor	National skill lab Training-DAKSH	Jamia Hamdard	15-06-15 to 20-06-15
33.Ms.Maihnaz Bi Clinical Instructor	National skill lab Training-DAKSH	Jamia Hamdard	15-06-15 to 20-06-15

34. Ms Priyanka Bansal Tutor	Orientation towards leadership in health sector	Safdarjun Hospital, N. Delhi	25/09/2015 to 26/09/2015
	Evidence based practice for quality patient care	Jamia Hamdard	8/10/2015
	10 th world congress on clinical, preventive cardiology and imaging	Abu Road, Rajasthan	3/9/15-6/9/15
	National skill lab Training- DAKSH	Jamia Hamdard, Delhi	15-06-15 to 20-06-15
	Workshop on Stress Management for Health Care Professionals	Jamia Hamdard, Delhi	30-03-15
	Workshop on Research Paper – Publication, Citation Analysis and Impact Factor	Jamia Hamdard, Delhi	24-03-15
	Workshop on Communicating Responsibly and Assertively	Jamia Hamdard, Delhi	11-03-15
	Pre Conference Workshop of 52 nd Annual National Conference of the Indian Academy of Pediatrics	Jamia Hamdard, Delhi	21-01-15

Any Other

S No.	Name of the faculty	Title of programme	Institution where attended	Duration (dates)
1.	Prof. Dr. Manju Chhugani	Conference on Nursing Trends in India.	Mohali, Punjab	February 22, 2014.
		ICM Asia Pacific Regional Conference. For the Health of Woman and Children – Let's Take Action	Hanoi, Vietnam	July 24– 26, 2012.
		Challenges and Issues in High Risk Pregnancy. National Conference.	Sri Gokulam College of Nursing, Salem, Tamil Nadu	June 22 – 23, 2012.
		National Conference on transitioning to total patient care : emerging trend in clinical nursing practice	Belgaum, Karnataka.	November 9-10, 2012.
		Symposium on Patient safety in clinical Research	AIIMS, New Delhi	18 th March, 2014
		National conference of Family Medicine and Primary Care	IIC Lodhi Road, New Delhi	20 th -21 st April 2013
2.	Mrs. Urmila Bhardwaj	National Conference in Indian Psychiatric Society	VIMHANS, New Delhi	26/10/2013 to 27/10/2013
3.	Ms Veena Sharma	National Conference on heart disease prevention	Cardiologist Society of India, Taj Palace, New Delhi	26-09-15 to 27-09-15
		Annual conference of Indian Psychiatric Society	IPS, Palika Kendra, Delhi	26-10-13 to 27-10-13
		NRSI conference on bridging the	Jamia Hamdard,	29-10-12 to

		gap: Evidence to action	Delhi	31-10-12
	4. Ms Seema Rani	Seminar on Adolescent Health	Jamia Hamdard, New Delhi	20-11-15
		NRSI conference on bridging the gap: Evidence to action	Jamia Hamdard, Delhi	29-10-12 to 31-10-12
	5. Dr. (Mrs) Smriti Arora	4 th annual conference of Indian Association of neonatal Nurses.	Bharati Vidyapeeth deemed University, College of Nursing	8 th -10 th February, 2013
		NRSI conference on bridging the gap: Evidence to action	Jamia Hamdard, Delhi	29-10-12 to 31-10-12
	6. Mrs Bindu Shaiju	Annual conference of Indian Psychiatric Society	IPS, Palika Kendra, Delhi	26-10-13 to 27-10-13
		NRSI conference on bridging the gap: Evidence to action	Jamia Hamdard, Delhi	29-10-12 to 31-10-12
		International conference on Geriatric Care	PH.D Chamber New Delhi	16/11/2013 to 17/11/2013
		67 th national conference of Nurses League of CMAI	DDC, sacred Heart Cathedral, New Delhi	15 th -17 th October, 2012
28.	Student projects:	<p>1) Percentage of students who have done in-house projects including inter-departmental projects</p> <ul style="list-style-type: none"> • Child Health Nursing- 100 % of Masters Students • Medical Surgical Nursing- 100 % of Masters Students. • OBG Nursing- 100 % of Masters Students • Mental health Nursing-100 % of Masters Students • Community Health Nursing - 100 % of Masters Students <p>2) Percentage of students doing projects in collaboration with other universities/ industry/institute</p> <ul style="list-style-type: none"> • Child Health Nursing- 75% (St. Stephens, Safdarjung Hospital, RML Hospital) 		
29.	Awards /recognitions received at the national and international level by:	<ul style="list-style-type: none"> - Doctoral/ post doctoral fellows – Nil - Students – Nil - Faculty 		
	Name of Faculty	Award received	Year	
	Prof. (Dr.) Manju Chhugani	<ul style="list-style-type: none"> • Awarded Appreciation Certificate (2010-2011) for excellence in Academics on the occasion of 5th Rajiv Gandhi Pratibha Puruskar for Extra Ordinary Achievers by Sh. Sandeep Dikshit (MP, East Delhi) and Ch. Anil Kumar (MLA, Patparganj). • Letter of Appreciation from Dr. G.N. Qazi, Vice Chancellor for organizing and facilitating the workshop on ‘Closing the Gap: From evidence to Action’. Jamia Hamdard. 2012. 	2011	2012
			2012	2013

		<ul style="list-style-type: none"> Honor for recognition of devotional services to the welfare activities for residents of Pocket C, Mayur Vihar, Phase II, by MLA Anil Chaudhary- 2013. Certified as the Key Contributor and National Expert in writing the various documents and guidelines of Maternal Health Division by Ministry of Health and Family Welfare, Government of India. 2013. Letter of appreciation from Medical Superintendent for Successful completion of MCI inspection at HAHC Hospital – 2014. Country Contact – Midwifery Today Magazine 	2013 2014	
	Dr.(Mrs.) Smriti Arora	<ul style="list-style-type: none"> Appreciated by IAP for her contribution in NRP FGM Project Appreciated by IAP for her contribution in NRP FGM Project 	2014 2013	
30.	Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:			
Sl. No.	Title Seminars/Conferences/ Workshops	Dates	No. of participants	Outstanding participants (keynote speakers, eminent scientists/ academicians who attended the programme)
1.	Evidence based Nursing practice: Bridging the gap between theory and practice (FUNDED BY JAMIA HAMDARD)	21/3/11 to 23/3/11	79	1.Prof. Vasanti Raman, RETD Deputy Director, Center for Womens Development Studies, 2) Dr. Manju Vatsa, Principal, College of nursing, AIIMS, Delhi 3)Dr Pity Kaul, Professor, IGNOU, Delhi 4)Dr. ShrutiKalra, Consultant Psychologist, VIMHANS, Delhi 5) Dr. Sreenivas, Addl. Professor, Biostatistics Dept, AIIMS, Delhi
2.	“Effective Teaching-Learning and Assessment Strategies in Educational Methodology” (FUNDED BY JAMIA HAMDARD)	26-28 th February 2012	50	1)Dr. R.G Mathur, Retd senior Faculty, RAK college of Nursing, Delhi 2) Dr. Jeeva Shankar, Scientist, Dept of Paediatrics, AIIMS, Delhi 3) Prof. M. Aslam, Vice Chancellor, IGNOU, IGNOU,Delhi
3.	One day TOT on District Instructor Course under IAP-	24.02.13	26	1)Dr.Alka Aggarwal, Professor, Santosh Medical College

	NRP-FGM programme (Basic Provider Trainer Course)			2)Dr. Jaipal Munna, HOD, Dept. of Pediatrics, Kasturba Gandhi Hospital 3)Dr. Surender Bisht, DNB Paeds, Swami Dayanand Hospital, Dilshad Garden
4.	BNCRP Provider Course Part 1 (Id No. 1144), under NRP FGM Course	21.09.13	21	Dr (Mrs) Smriti Arora
5..	BNCRP Provider Course Part 1(Id No. 1145), under NRP FGM Course	28.09.13	46	Dr (Mrs) Smriti Arora
6.	BNCRP Provider Course Part 1 (Id No. 1146), under NRPFGM Course	12.10.13	38	Dr (Mrs) Smriti Arora
7.	BNCRP Provider Course Part 1 (Id No. 1147), under NRPFGM Course	26.10.13	40	Dr (Mrs) Smriti Arora
8.	“Innovations in Educational System: Key to Educational Reforms” (FUNDED BY JAMIA HAMDARD)	25 th Nov 2013	30	1)Dr. Arshad Ikram Ahmad, Assistant Professor, Jamia Mialia Islamia 2)Dr. B V Adkoli, Head of CET department, AIIMS 3) Dr. Leila Caleb Varkey, Public Health Research Consultant, India
9.	STP for Sick Newborn Care	21.11.14	38	1. Dr. Deorari 2. Dr. Anu Thukral, Consultant Neonatologist Deptt. Of Neonatology, AIIMS
10.	Preconference workshop on NRP for Nurses	21.01.15	42	1.Dr. Saurabh Vyas, Consultant Paediatrician
11.	Decoding the ‘Can’ in ‘Cancer’ workshop (FUNDED BY JAMIA HAMDARD)	04.02.15	300	1)Dr. Majid Consultant oncologist, Batra Hospital 2)Dr. Bhatnagar HOD, Deptt. Of Oncology, Safdarjung Hospital 3)Dr. A. Medi, Consultant Oncologist, Batra Hospital
12.	Workshop on “Communicating Responsibly and Assertively (FUNDED BY JAMIA HAMDARD)	11.03.15	200	1)Dr. Juhi Sharma, Consultant Psychologist.
13.	Research Paper Publication, Citation Analysis and Impact Factor (FUNDED BY JAMIA HAMDARD)	24.03.2015	100	1)Prof.(Dr.) Jugla Kishore Deptt. Of Community Medicine MAMC, Delhi 2)Dr. Leila Calab , Senior RMNCH Advisor Bill and Medinda Gates Foundation New Delhi

					3)Ms. Anju Mehra Research Analytics and government Thomson Reuters Intellectual Proper Science
14.	Workshop on Stress Management for Health professionals (FUNDED BY JAMIA HAMDARD)	30.03.15	100		1)Mr. Amit Gupta, SW Engineer at Adobe System and Faculty, Art of Living 2)Ms. Simrita Chaudhary Senior Consultant & HOD Clinical Hypnotherapy & NLP VIMHANS, New Delhi
15.	One day conference on Evidence based Practice on Quality patient care (FUNDED BY JAMIA HAMDARD)	08.10.2015	120		1)Ms. Maryam Khalid , Sr. Field Manager, DIMAGI 2)Ms. Neerja Sooj Asst. Prof. School of Health Sciences (IGNOU). 3)Dr. Saima Wajid, Asst. Prof. Dept. of Biotechnology, 3)Dr. Bijoya Roy, Centre for women development studies, New Delhi
16.	Workshop on Dissemination of Initiatives towards task shifting and strengthening midwifery for RMNCHA’ (FUNDED BY Govt. of India)	10-11 th March 2014	120		1)Dr. Himanshu Bhushan, Deputy Commissioner, MOHFW 2)Dr. Prasanth KS Senior Consultant Public Health Administration 3)Mr. Vinoj Manning Country Director- IPAS India
17.	16 th National silver Jubilee Conference (NRSI) Closing the Gap: From evidence to action.	29 th – 31 st October, 2012	500		1)Dr. Jyoti Sarin, Principal, MMCON, Haryana 2)Dr M. Prakasamma, Director, ANSWER 3) Dr Guresh, Statistician, AIIMS
31.	Code of ethics for research followed by the departments:	<ul style="list-style-type: none"> The research studies to be undertaken are reviewed by IEC(Institutional Ethical Committee) and once approved by the Committee, the research is conducted 			
32.	Student profile programme-wise:				
	Name of the Programme with year (re	Applications received	Selected		Pass percentage
	2011		Male	Female	Male Female
	DGNM	107	0	48	- 69%
	B.Sc. NURSING	207	0	53	- 74%
	M.Sc. NURSING	510	0	20	- 100%
	2012				

	DGNM	79	0	28	-	100%
	B.Sc. NURSING	355	0	51	-	98%
	M.Sc. NURSIING	322	0	17	-	100%
	2013					
	DGNM	66	0	15	-	100%
	B.Sc. NURSING	648	0	52	-	94%
	Post Basic NURSING	30	0	19	-	100%
	M.Sc. NURSIING	454	0	25	-	100%
	2014					
	DGNM	82	0	38	-	100%
	B.Sc. NURSING	339	0	57	-	98%
	Post Basic NURSING	105	0	25	-	100%
	M.Sc. NURSIING	229	0	22	-	100%
	PhD NURSING	13	1	3	-	-
	2015					
	DGNM	110	2	42	-	-
	B.Sc. NURSING	380	1	55	-	-
	Post Basic NURSING	137	0	20	-	-
	M.Sc. NURSIING	229	0	25	-	-
	PhD NURSING	27	-	-	-	-
33.	Diversity of students:					
	Name of the Programme (r	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries	
	Post Basic B.Sc. Nursing (2013-15)	27	49	19	5	
	M.Sc. Nursing(2011-15)	23	50	21	6	
	PhD Nursing (2014-15)	-	50	50	-	
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	<ul style="list-style-type: none"> Nil 				
35.	Student progression:	Student progression		Percentage against enrolled		
		UG to PG		2011 – 26%		
				2012 – 19%		
				2013 – 10%		
				2014 – 4%		
				2015 – 2%		
		PG to M.Phil.		0%		
		PG to Ph.D.		0%		
		Ph.D. to Post-Doctoral		0%		

		<p>Employed</p> <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	<p>75% of the students attending the interviews get selected</p> <p>Remaining students are placed through other than campus recruitment</p>									
		Entrepreneurs	2014 - 2%									
36.	Diversity of staff:	Percentage of faculty who are graduates										
		of the same university	39									
		from other universities within the State	45									
		from universities from other States	16									
		from universities outside the country	00									
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	<ul style="list-style-type: none"> • 1 Faculty awarded Ph D in Nursing- Dr. Smriti Arora, Assistant Professor 										
38.	Present details of departmental infrastructural facilities with regard to	jj) Library										
		Built in area	1350 sq.ft									
		Library stack	680sq.ft									
		Reading room	550 sq.ft									
		Librarian office	90 sq.ft									
		No of racks	49									
		Total no of books	5385									
		Total no of Journals	06									
			National-04									
			International-02									
		Magazines and newspapers	02/02									
		No of tables	10 Big, 3 Small									
		No of chairs	66									
		CD Rom	In central Library									
Computer	02											
		<p>kk) Internet facilities for staff and students</p> <p>Jamia Hamdard has facilitated in providing internet access through 1 GB fiber Optic cables as well as Wifi throughout the campus. All the classrooms, labs, research labs, offices, hostels and the entire campus has internet connectivity which has strengthened the academic and research activities of the Department.</p>										
		<p>c) Total number of class rooms-15</p> <table border="1"> <thead> <tr> <th>Program</th> <th>No of Class Rooms</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>DGNM</td> <td>4</td> <td>750 SQ.FT</td> </tr> <tr> <td>B.Sc. (H) NURSING</td> <td>4</td> <td>2 x 750SQ.FT 2 x 2200 SQ.FT</td> </tr> </tbody> </table>		Program	No of Class Rooms	Size	DGNM	4	750 SQ.FT	B.Sc. (H) NURSING	4	2 x 750SQ.FT 2 x 2200 SQ.FT
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		<table border="1"> <tr> <td>M.Sc. NURSING</td> <td>5</td> <td>400SQ.FT</td> </tr> <tr> <td>POST BASIC B.Sc. NURSING</td> <td>2</td> <td>400 SQ.FT</td> </tr> </table> <p> ll) Class rooms with ICT facility- Computer lab with 10 computers e) Students' laboratories – Total -8 labs <ul style="list-style-type: none"> • Fundamentals of Nursing • DAKSH-Skill lab • Maternity and Child Health Lab • Community Health Lab • Anatomy and Physiology Lab • Audio visual Aids lab • Nutrition lab • Computer Lab f) Research laboratories- Nil </p>	M.Sc. NURSING	5	400SQ.FT	POST BASIC B.Sc. NURSING	2	400 SQ.FT				
M.Sc. NURSING	5	400SQ.FT										
POST BASIC B.Sc. NURSING	2	400 SQ.FT										
39.	List of doctoral, post-doctoral students and Research Associates:	<p>(v) from the host institution/university – 4 Doctoral students</p> <ul style="list-style-type: none"> • Ms.Madhavi Verma • Ms.Rohini • Ms.Ellen Beck • Mr.Vikas <p>(vi) From other institutions/universities – 1 Fullbright Nehru Scholar</p> <ul style="list-style-type: none"> • Ms. Adiya Jafferi, Biose State University, Idaho, USA 										
40.	List of Students Received Financial Assistance from the University	<table border="1"> <tr> <td>2011-12</td> <td>U G-21 PG-NIL</td> </tr> <tr> <td>2012-13</td> <td>U G-39 PG-01</td> </tr> <tr> <td>2013-14</td> <td>U G-36 PG-NIL</td> </tr> <tr> <td>2014</td> <td>U G-31 PG-02</td> </tr> <tr> <td>2015</td> <td>IN PROCESS</td> </tr> </table>	2011-12	U G-21 PG-NIL	2012-13	U G-39 PG-01	2013-14	U G-36 PG-NIL	2014	U G-31 PG-02	2015	IN PROCESS
2011-12	U G-21 PG-NIL											
2012-13	U G-39 PG-01											
2013-14	U G-36 PG-NIL											
2014	U G-31 PG-02											
2015	IN PROCESS											
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	<ul style="list-style-type: none"> • Before starting the Post Basic B.Sc. Nursing program, need assessment was done through surveys of the hospitals and schools of nursing in the state to get an overview of the diploma holders in nursing who are interested to upgrade themselves to the graduate level by doing the Post Basic program. • Feedback was also taken from the Alumni of the institute who had done their Diploma in Nursing(DGNM) program 										
42.	Does the department obtain feedback from:	<p>(i) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</p> <ul style="list-style-type: none"> • A curriculum committee has been constituted for the programs where the feedbacks are taken about the curriculum and the 										

		<p>teaching-learning activities. Feed backs are also taken time to time in the faculty meetings.</p> <ul style="list-style-type: none"> The revisions required as per the feedbacks are put up in the Board of Studies and further revised on approval of the Board and later by the Standing Committee of Academic Council <p>(ii) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</p> <ul style="list-style-type: none"> Structured feedback forms on staff, curriculum and teaching-learning activities are distributed and filled by students, having more than 80% attendance in the particular subjects. The feedback is discussed in the faculty meetings and also in the BOS and time to time revisions and improvements are done in the curriculum, byelaws and syllabi <p>(iii) Alumni and employers on the programmes offered and how does the department utilize the feedback?</p> <ul style="list-style-type: none"> Feedback is taken during alumni meetings and also through testimonials and feedbacks are taken up during faculty meetings and changes implemented 		
43.	List the distinguished alumni of the department (maximum 10):			
	Name	Course	Batch	Present position and affiliation
	Ms. Anna Tressa Cheryakku	B.Sc. (H) Nursing M.Sc. Nursing	2009-2012	Forensic psychiatric nurse Wakari Hospital Dunedin, Newzealand
	Ms. Shefali Bhagat	B.Sc. (H) Nursing	2007	Manager-quality assurance Quality assurance Dr. Shroff's charity hospital-New Delhi
	Ms. Sapna Sharma	B.Sc. (H) Nursing	2007	Captain Military nursing services India
	Ms. Nirmala Negi	B.Sc. (H) Nursing	2007	Executive member N G O-association for children enhancement Faridabad, Haryana
	Ms. Ambreen Siddiqui	B.Sc. (H) Nursing	2004	Manager –Training department Action group of hospitals ,New Delhi
	Ms. Madhu Nath	B.Sc. (H) Nursing	2007	Ph.D. Scholar Ophthalmology All India Institute of Medical Sciences Delhi
	Ms. Mehnaz Khanam	B.Sc. (H) Nursing	2008	Captain Military nursing services-India
	Ms. Mahin Inayat Mirza	B.Sc. (H) Nursing	2014	Clinical Trainer Engender health, Rajasthan-India
	Ms. Azra Arif Hasan	M.Sc. Nursing	2010	Assistant Professor Jazan University Saudia Arabia
	Ms. Jennifer Joy	B.Sc. (H) Nursing	2009	Band 5 Nurse Watford general Hospital London-United Kingdom
44.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:			
	Sl. No	Student enrichment programmes	Experts	
	1.	Workshop on Prevention and Management of Cervical & Breast	<ul style="list-style-type: none"> Ms. Hanife Mac Gamwell, Head of Palliative Care Field Sevices, 	

	Cancer and ICM Standards April 22, 2013	<ul style="list-style-type: none"> • Dr. Manju Chhugani, Principal, Rufaida College of Nursing, Jamia Hamdard
2.	Dissemination of Initiatives towards Task Shifting and Strengthening Midwifery Education for RMNCH+A by Government of India March 10 -11, 2014	<ul style="list-style-type: none"> • Dr. Himanshu Bhushan, DC, Maternal Health Division, MOHFW • Dr. Sangeetha Batra, Senior Advisor, Health Systems, Ipas, India • Mr. Prasanth KS, Senior Consultant, Public Health Administration, NHSRC
3.	STP on Sick Newborn care	<ul style="list-style-type: none"> • Dr. AK Deorari Dept of Neonatology, AIIMS
4.	TOT on BNCRP	<ul style="list-style-type: none"> • Dr. Alka Aggarwal Santosh Medical College • Dr. Surinder Bhisht Swami Dayanand Hospital • Dr. Jaipal Munna Kasturba Gandhi Hospital
5.	Decoding the Can in Cancer	<ul style="list-style-type: none"> • Dr. Bhatnagar
6.	One day seminar by Alcoholics Anonymous	<ul style="list-style-type: none"> • Delegates from New Zealand, Australia, USA, Caribbean Island
7.	6 Days Pre- Service Training for Students on Maternal And Child Health Care at National Skills Training Centre – Daksh	<ul style="list-style-type: none"> • LSTM Master Trainers
45.	List the teaching methods adopted by the faculty for different programmes.:	<ul style="list-style-type: none"> • Lecture cum discussions • Demonstrations and return demonstrations • Simulations • Role play • Field visits • Quiz • Seminars/workshops/conferences • Project method • Problem based learning • Journal club • Clinical discussion/bed side clinics/case studies/case presentations • Microteaching • Self instructional modules • Webnar • e-Mode/ Online
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	<ul style="list-style-type: none"> • Subject wise objectives (general and specific objectives) are framed for both practical and theory. • Before commencement of respective clinical area posting, the well demarcated and documented objectives are communicated to each student. It is further evaluated and discussed at the end of each posting <p>Similarly, the objectives outlined for each theory subject is discussed</p>

		before session commences and are evaluated based on class tests, assignments, sessional examination, quiz etc. Feedbacks from students are taken on achievement of the objectives
47.	Highlight the participation of students and faculty in extension activities:	
	Sl. No.	Participation of students and faculty in extension activities
	1.	Mental Health awareness and referral camps at Sangam Vihar
	2.	Participation of Students in health Education in respective clinical areas
	3.	Puppet show and storytelling for special children at CDC, Jamia Milia Islamia
	4.	Pyschodrama and health education at Nasha Mukti Kendra, Govindpuri
	5.	Group project on Mental Health Awareness at Hakeem Abdul Hameed Centenary Hospital
	6.	Health Education and Puppet show at Ramjas School & Sucheta Kriplani Primary School
	7.	Model Exhibits
	8.	HIV – AIDS Day with NSS
	9.	Swach Bharat Abhiyan
	10.	Group project on Breast Feeding at Sangam Vihar
	11.	Diabetes Day Walk at Jamia Milia Islamia in collaboration with Jamia Hamdard to create awareness on Diabetes
	12.	Blood Donation Camp
	13.	MSc. Nursing Students (Obstetrics and Gynaecological Nursing) observe <i>Safe Motherhood Day</i> organised by White Ribbon Alliance of India (WRAI) each year.
	14.	The faculty is running Rufaida Health Center to provide primary health care services to the underserved population. The faculty members and students organize various activities such as health camps, IEC programs, well baby clinic, antenatal clinics and other health activities which helps in improving the health status of people and also provide rich learning experience to the students.
48.	Give details of “beyond syllabus scholarly activities” of the department:	
	Sl.No.	BEYOND SYLLABUS SCHOLARLY ACTIVITIES
	1.	Ms. Somibala Thokchom attended the Training of Trainers on <i>Minimal Initial Service Package for Sexual and Reproductive Health in Disasters</i> from 29 th July – 3 rd August, 2013 at Faridabad, Haryana.
	2.	Best out of Waste as Eco Club Activity
	3.	Ms. Merlin Mary James, Ms. Ashin Merlin Jacob, Ms. Shenry Daniel attended a Seminar on <i>Emergency Trends in Nursing Education and Practice</i> which was organized by Wolters Kluwer, Health at Hotel The Lalit, New Delhi, February 6, 2015
	4.	Three faculty and Nine Students visited Sweden from May10-21, 2015 as a part of the <i>Faculty Student Exchange Programme</i> between Kungsholmens Vastra Gymnasium, City of Stockhom, Sweden and Rufaida College of Nursing, Jamia Hamdard The collaboration enabled teachers and students from Rufaida College of Nursing to make study visits and observations at Red Cross University and Karolinska Institute in Stockholm. The objective of the programme is to know more about the education system in nursing care in the corresponding countries. For this purpose, three teachers were selected based on the suitability of their Nomination forms and Interview conducted by a committee comprising of three panel members.

	<p>Nine students were selected based on their meritorious performance in the academics.</p> <p>The visit was made from 10th May 2015 -21st May 2015. The Faculty-Student Exchange Programme, comprised of both learning and enjoyment. The visit helped us to understand the higher education system of Sweden, especially in Health Science and Nursing.</p> <p>The team also came to know about various levels of nursing courses, curriculum and other course details. They also got to see the simulation labs and how they can be great platforms for life-long learning- pre-service and in-service education for both the students as well as the practicing professionals and had a good learning experience about the social, economic and political system of Sweden.</p>
5.	Post Basic Students (2013-2015) were taken to Berkeley Health Education, Lajpat Nagar for attending a One Day Training on Introduction to Experiential Learning on July 1 by Ms. Merlin Mary James, Tutor, Faculty of Nursing, Jamia Hamdard
6.	Encouraging students to write and publish articles related to all specialities of nursing
7.	Motivating students to organize and attend workshops at various institutes
8.	Students are sent for cultural and Literary activities at State levels like Debate competitions, Skit, Poster making, Quiz, Choreography, Dance, Singing, Fashion Show etc.
9.	In service education programmes for ANM, ASHA, AWW etc
10.	Health checkups and clinics
11.	Community awareness programmes
12.	Celebration of various health days
13.	Group project ‘prevention and management of malnutrition’ was organized on 1.08.2013 among under 5 children
14.	MCH Clinics (care camps) was organized on 01.02.2014
15.	Eye camp was also organized on 2014 by faculty and students in coordination with ophthalmologists
16.	Save girl child on 14-11-14 an awareness and health checkup for girls
17.	NashaChhodo Swasthya Aur Khushiyo Se Naataa Jodo-on 13-11-14
18.	Apka Dil Apki Marzi- An awareness programme was organized on 29-01-14
19.	Project with CAS PLAN on anemia and malnutrition on 15-11-14
20.	In Service education programme for Asha workers on antenatal care on 28-08-15
21.	Collaboration of AIDS day, World Health Day ,Tobacco prevention day, diabetes Day etc. on a regular basis.
22.	Service education programme for Asha workers on antenatal care on 28-08-15
49.	<p>State whether the programme/department is accredited/graded by other agencies? If yes, give details:</p> <p>*Yearly inspections are done by INC(Indian Nursing Council) and Delhi Nursing Council(DNC)</p>
50.	<p>Briefly highlight the contributions of the department in generating new knowledge, basic or applied:</p> <p>The following guidelines were prepared by Prof. (Dr.) Manju Chhugani in capacity as a contributor in collaboration with Maternal Health Division, MOHFW:</p> <ol style="list-style-type: none"> Operational Guidelines for Quality Assurance in Public Health Facilities. Maternal Health Division. Ministry of Health and Family Welfare (MOHFW). Government of India (GoI). 2014. National Guidelines for Screening of Hypothyroidism during Pregnancy, MoHFW, Government of India, December 2014. National Guidelines for Deworming in Pregnancy, MoHFW, Government of India, December 2014.

	<ol style="list-style-type: none"> 4. National Guidelines for Diagnosis and Management of Gestational Diabetes Mellitus, MoHFW, Government of India, December 2014. 5. National Guidelines for Calcium Supplementation during Pregnancy and Lactation- MoHFW, Government of India, December 2014 6. Assessor’s Guidebook for Quality Assurance in District Hospitals. Maternal Health Division. Ministry of Health and Family Welfare (MOHFW). Government of India (GoI). 2013. 7. Operational Guidelines and Reference Manual for Prevention of Postpartum Hemorrhage through Community Based Distribution of Misoprostol. Maternal Health Division, MoHFW, Government of India, November 2013 8. Skill lab Operational Guidelines: Strengthening Competency Based Training of Health Care Providers for Reproductive Maternal Newborn and Child Health (RMNCH) Services. – Maternal Health Division, MoHFW, Government of India, January 2013. 9. Patient Safety Guide by WHO, 2011. 10. Guidelines for Skilled Birth Attendants, Trainer’s Guide of ANMs, LHVs, SNs- Maternal Health Division, MoHFW, Government of India, 2010. 11. Trainer’s Guide for Conducting Training of ANMs/LHVs/ SNs-Maternal Health Division, MoHFW, Government of India, 2010. 12. Handbook for of ANMs/LHVs/ SNs-Maternal Health Division, MoHFW, Government of India, 2010. 13. Some Masters of Nursing Students pursued the following research studies which contributed in generating new knowledge, basic and applied: <ul style="list-style-type: none"> - A Randomized Controlled Trial to Assess the Effectiveness of Vialon™ Cannulae Versus Polytetrafluorourethane (PTFE Cannulae in terms of Complications and Indwelling Time. - A Randomized Controlled Trial to Assess the Effectiveness of Saftey Needles and Cannuals versus Non Safety Needles and Cannulas on the Incidence of Needle Stick Injury. - Effectiveness of Lamaze Technique in reduction of pain perception during labour - Effectiveness of Back Massage with Olive Oil in Reduction of Pain during first stage of Labour - Randomized Clinical Trial Study to assess the Effectiveness of Prone Position on Cardiorespiratory Outcome among Infants with Respiratory Distress. - A Study to Develop and Evaluate Postograph for the Health Care Professionals - Randomized Clinical Trial Study to assess the Effectiveness of utility of tympanic membrane thermometer versus axillary thermometer.
<p>51.</p>	<p>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:</p> <p>Strengths:</p> <ol style="list-style-type: none"> 1. Well qualified, experienced and competent faculty 2. Collaboration with international universities for exchange program 3. International and national placement of students 4. Liaison with community through outreach programs and extension Services 5. Strong Interfaculty collaboration & cross learning <p>Weaknesses:</p> <ol style="list-style-type: none"> 1. Improvement of infrastructure to make it a centre of excellence 2. Limited research funding agencies <p>Opportunities:</p> <ol style="list-style-type: none"> 1. Centrally located institute, making easy accessibility 2. University has Deemed to be status therefore lots of autonomy

		<p>3.Community outreach and services 4.Interdisciplinary activities 5.Has signed many MOU’s and collaborations with many international Universities to provide international exposure to students and faculties</p> <p>Challenges: 1.Due to mushrooming of nursing colleges in Delhi and NCR, getting quality students is a challenge 2.Although 100% placement of students occur, yet they are underpaid in private sectors 3.No allocation of Nursing subjects under NET. 4.Cut throat competition in job market for students.</p>
<p>52.</p>	<p>Future plans of the department:</p>	<ul style="list-style-type: none"> • Continued interfacing between nursing service and education • Strengthening Campus Placements of students • Strengthening existing programmes esp. PhD Nursing • Advanced Skill Lab and Midwives led Birthing Centre • Strengthening the process of assessment and appraisal • Involvement of students in various national level activities • Fetching more projects and funds for the university • Start new courses- Nurse Practitioner in Midwifery & Health Assistants • Develop competency based certification to be at par with global nursing • To develop pool of trainers in NRP and STP on sick new born care.

**School of Pharmaceutical
Education & Research
(Formerly Faculty of Pharmacy)**

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	PHARMACEUTICS
2.	Year of establishment:	D. Pharm. & B. Pharm. 1973 M. Pharm. & Ph. D. 1986
3.	Is the Department part of a School/Faculty of the university ?	Yes, Faculty of Pharmacy
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	(i)Diploma: D. Pharm. (ii)U.G.: B. Pharm. (iii)PG: M. Pharm.(Pharmaceuticals) & M. Pharm.(Quality Assurance) (iv)Ph. D. Programme
5.	Interdisciplinary programmes and departments involved:	PG Diploma in IPR and Drug Regulatory Affair, with DODL
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA
7.	Details of programmes discontinued, if any,	NA

	with reasons:					
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Semester				
9.	Participation of the department in the courses offered by other departments:	Active participation in research projects in FEIS, F/O Engineering and Interdisciplinary Sciences				
10.	Number of teaching posts sanctioned, filled and actual (Professor s/Associate Professors/ Assistant Professors/ others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor	02	02	02	
		Associate Professors	01	01	01	
		Assistant Professors	08	08	08	
		Others	01	01	01	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
		Name	Qualification	Designation	Specialization	No. of Years of Experience
						No of Ph.D. Students Guided for the last 5 years
		Prof. Asgar Ali	M. Pharm., Ph. D.	Professor	Pharmaceutics	32 years
		Prof. F. J. Ahmad	M. Pharm., Ph. D.	Professor	Pharmaceutics	25 years
		Dr.	M. Pharm.,	Associate	Pharmaceuti	31 Years
						M. Pharm.: 10 Ph. D.: 05
						M. Pharm.: 16 Ph. D.: 16
						M. Pharm.: 12

	Kanchan Kohli	Ph. D.	Professor	cs		Ph. D.: 06
	Dr. Yasmin Sultana	M. Pharm., Ph. D.	Assistant Professor	Pharmaceuti cs	19 Years	M. Pharm.: 11 Ph. D.: 02
	Dr. Sanjula Baboota	M. Pharm., Ph. D.	Assistant Professor	Pharmaceuti cs	20 Years	M. Pharm.: 11 Ph. D.: 05
	Dr. Javed Ali	M. Pharm., Ph. D.	Assistant Professor	Pharmaceuti cs	18 Years	M. Pharm.: 11 Ph. D.: 08
	Dr. Mohd Aqil	M. Pharm., Ph. D.	Assistant Professor	Pharmaceuti cs	15 years	M. Pharm.: 10 Ph. D.: 3
	Dr. Sushama Talegaonkar	M. Pharm., Ph. D.	Assistant Professor	Pharmaceuti cs	15 Years	M. Pharm.: 08 Ph. D.: 2
	Dr. Zeenat Iqbal	M. Pharm., Ph. D.	Assistant Professor	Pharmaceuti cs	16 years	M. Pharm.: 12 Ph. D.: 4
	Dr. Saima Amin	M. Pharm., Ph. D.	Assistant Professor	Pharmaceuti cs	11 Years	M. Pharm.: 09 Ph. D.: 02
	Dr. Gaurav K. Jain	M. Pharm., Ph. D.	Assistant Professor	Pharmaceuti cs	09 Years	M. Pharm.: 6 M. Tech Food Tech.: 2 PhD registered : 2
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	Nil				
13.	Percentage of classes taken by temporary faculty – programme-wise information :	Nil				
14.	Programme-wise Student Teacher Ratio:		Programme	Student teacher ratio		
			M. Pharm, Pharmaceutics	15:1		
			M. Pharm, Quality Assurance	8:1		
15.	Number of academic support staff (technical)	Designation	Sanctioned	Filled/actual		
		Technical	01	01		
		Administrative staff	06	06		

	and administrative staff: sanctioned, filled and actual:			
16.	Research thrust areas as recognized by major funding agencies:	<ul style="list-style-type: none"> • Nanomedicine and Nanotechnology • Mucoadhesive drug delivery • Pulmonary Drug delivery • Transdermal Drug delivery • Ophthalmic Drug Delivery • Bioavailability enhancement Techniques • Targeted Drug Delivery Systems • Herbal Drug Delivery Systems 		
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:			
	Name of the faculty	Title of the Ongoing project	National/International funding agencies	Grant received
	Dr Farhan J Ahmad	Platform technology for enhanced radio protective effect of herbs by using nanotechnology approaches	UGC-SAP	72 lakh
	Dr Farhan J Ahmad	e-pathshala Project	UGC	56 Lakh
	Dr Javed Ali	Brain Targeted Mucoadhesive Nanoparticulate Drug Delivery System	UGC	25 Lakh
	Dr Saima	PLGA nanoparticles of 5-Fluorouracil for targeted delivery to Squamous Cell Carcinoma	DST	24.89 Lakh
	Dr. Mohd. Aqil	Formulation and Characterization of Nanoemulsion based Transdermal Therapeutic Systems for Management of Hypertension	UGC	24 lakhs
	Dr Kanchan Kohli	Design of an Optimum solid nanolipid solid vesicular system for oral bioavailability enhancement of poorly soluble lipophilic antihypertensive agent.	UGC	12.37 Lakh
	COMPLETED PROJECT			
	Name of the faculty	Completed Project	National/International funding agencies	Grant received

	Ahmad	nt and evaluation of alpha ite and biphosphonate nanoparticles as antidotes for c substances	l/OP ague, s		
	Ahmad	ical development for clinical and applied research ucted at INMAS with NBC products and high stropathy.	RDO		
	Kohli	nt of Nanoparticulate Based ery System to Enhance Oral lity and Stability of Lycopene	CTE		
		ulate systems of bids with keratolytic agents for nt of psoriasis	CTE		
		min: A novel approach for ment	GC		
		ulate drug stem of an on geted brain	CTE		
		e Nasal ulate Drug the treatment osis	MR		
	a	ired Formulation Approaches ve Delivery Of Some Drugs Based On P- in Modulation	BT		
		development of novel drug ems constituting herbal for treatment of cancer	CTE		
	Ahmad	nd development of ulate drug delivery system for nt of lymphatic filariasis	CTE		
18.	Inter-institutional collaborative projects and associated grants received:	<p>(i) National collaboration: INMAS, New Delhi, DIPSAR, New Delhi, Frezinius Kabi, Sahibabad, IGIB, Ranbaxy, Pvt Limited, IPCL, Ghaziabad, Daichi Sankyo, Gurgaon, Hillman Ltd</p> <p>Nationally Coordinated Project of Dr Farhan J Ahmad“Development and Evaluation of few Novel Drug Delivery Systems”</p> <p>Collaborating Institutes</p> <ul style="list-style-type: none"> • INMAS, Delhi • IIT, Delhi • RBTB Hospital, Delhi 			

		<ul style="list-style-type: none"> • GB Pant Hospital, Delhi (ii) International collaboration by Dr Farhan J Ahmad <ul style="list-style-type: none"> • NDA signed with Newgen Biopharma Corporation, USA-2013 • Collagen nanoformulations (Holista CollTech Australia Ltd.)-2012 		
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	Funding agency	Project title, if any	Grant received	
	UGC-SAP	Platform technology for enhanced radio protective effect of herbs by using nanotechnology approaches	75 lakh	
	AICTE	Nanoparticulate drug delivery system of anti-parkinson drug for targeted brain delivery	Rs 10.75 Lakhs	
	ICMR	Bioadhesive Nasal Nanoparticulate Drug Delivery System for the treatment of osteoporosis	Rs. 12.165 Lakhs	
	UGC	Nanocurcumin- A novel approach for cancer	Rs 10.27 Lakhs	
	AICTE	Nanoparticulate systems of Corticosteroids and keratolytic agents for the treatment of psoriasis	Rs. 18 Lakhs	
	DST	Nanoparticles based delivery system for enhancing the oral bioavailability of curcumin	Rs. 138 lakhs	
	DST	PLGA nanoparticles of 5-Fluorouracil for targeted delivery to Squamous Cell Carcinoma	Rs 24,78,917 Lakhs	
	UGC	Development of e-content	28 Lakh	
	OPCW	Development and evaluation of alpha keto glutarate and biphosphonate inhalable nanoparticles as antidotes for inh	25,000 Euro	
	DRDO	Pharmaceutical development for supporting clinical and applied research being conducted at INMAS with reference to NBC products and high altitude Gastropathy.	13 lakh	
20. Research facility/centre with:	Nil			
21. Special research laboratories sponsored by/created by industry or corporate bodies:	None			
22. Publications: (last 5				

years):		2011	2012	2013	2014	2015	Total
	National	08	08	12	03	09	40
	International	80	98	54	107	71	410
	Total	88	106	66	110	80	450

Publications:

National

2011

1. Sushama Talegaonkar, M. Tariq and R.M. Alabood, (2011). Design And Development Of O/W Nanoemulsion for The Transdermal Delivery Of Ondansetron, Bulletin of Pharmaceutical Research,1(3):18-30. ISSN: 2249-6041
2. Javed Ali (2011).Scope of nano ophthalmology.International Journal of Pharmaceutical Investigation, 1(4), 199; ISSN2230-973X.
3. Javed Ali (2011). Plagiarism: an editor's concern.International Journal of Pharmaceutical Investigation,1(3), 129-130; ISSN2230-973X.
4. Javed Ali (2011). Nanopharmaceutics.International Journal of Pharmaceutical Investigation, 1(2), 61; ISSN2230-973X.
5. Sunil Kamboj, Deepak Sharma, Anroop B Nair, SumanBala, Rakesh Kumar Sharma, Vinod Kumar, Javed Ali, Pramod K and S. H. Ansari (2011). A simple and sensitive spectrophotometric method for estimation of diethylenetriaminepenta acetic acid (DTPA) in topical gel formulations. Der Pharmacia Lettre, 3(3), 23-28; ISSN0975-5071.
6. Anita Saxena, Abu Tahir, MandeepKaloti, Javed Ali (2011). Himadri B Bohidar Effect of agar-gelatin compositions on the release of salbutamol tablets.International Journal of Pharmaceutical Investigation, 1(2), 93-98; ISSN2230-973X.
7. Javed Ali, K. K. Mueen (2011). The Launch of International Journal of Pharmaceutical Investigation.International Journal of Pharmaceutical Investigation, 1(1), 1-2; ISSN2230-973X.
8. Ankita Raizada, Pawan Mishra, Vibhuti, SanjulaBaboota, Javed Ali (2011) “Solid dispersions-A novel approach in solubility enhancement.” Int. J. Advances in Pharm. Res. 2 (7): 313 – 320. ISSN: 0976-1055.

2012

1. Mudasir M, Tabassum N, Ali J, Jan R (2012). Surfactant aided permeation enhancement in Transdermal Formulation. Journal of Pharmacy Research, 5(1), 338-339; ISSN;0974-6943.
2. Sunil Kamboj, Deepak Sharma, SumanBala, S. H. Ansari, Javed Ali, Pramod K, DhruvNishad, SudhaRana and Rakesh Kumar Sharma (2012). Optimization of disodium edetate topical gel using central composite design and evaluation for external radioactive decontamination. Elixir Pharmacy, 42, 6144-6150; ISSN; 2229-712X.
3. Mohammad Tariq, ZeenatIqbal, Javed Ali, SanjulaBaboota, Sushama Talegaonkar, Zulfiqar Ahmad, Jasjeet K Sahni (2012). Treatment modalities and evaluation models for periodontitis.International Journal of Pharmaceutical Investigation, 2(3), 106-122; ISSN2230-973X.
4. Kumar S, Talegaonkar S, Negi LM. Khan ZI (2012). Design and Development of Ciclopirox Topical Nanoemulsion Gel for the Treatment of SubungualOnychomycosis, Indian Journal of Pharmaceutical education and research,46(4),0019-5464
5. Babar Ali, Saima Amin, Javed Ahmad (2012).Bioavailability enhancement studies of Amoxicillin with Nigella. Indian J Med Res 135, 555-559,(IF 1.66).

6. SushilTiwari, Sushama Talegaonkar, Lalit, M. Negi, and ZeenatIqbal, (2012). Design and development of nanoemulsion gel of Ciclopirox topical nanoemulsion gel for the treatment of subungualonychomycosis, Indian J Pharma Education and Research, Vol. 46, Issue 4, 303-311ISSN-0019- 546
7. ShadabMd, Gourav K. Singh, AlkaAhuja, Roop K Khar, SanjulaBaboota, JasjeetKaurSahni, Javed Ali (2012). Mucoadhesive Microspheres As A Controlled Drug Delivery System For Gastroretention. Systematic Reviews in Pharmacy, 3(1), 4-14; ISSN0975-8453.
8. Aqil M, Bhadana V, Alam MS, Pillai KK, KapurP(2012). Medicine utilization review at a university teaching hospital in New Delhi. Journal of Pharmacy and Bioallied Sciences; 4(3):202-206.

2013

1. Akhtar J, Aqil M, Fareed S (2013). Stability indicating assay of repaglinide in bulk and optimised nanoemulsion by validated HPTLC technique. Journal of Pharmacy and Bioallied Sciences; 5(3): 184-190.
2. Akhtar M, MaikiyoAM, Najmi AK, Khanam R, Mujeeb M, Aqil M (2013). Neuroprotective effects of chloroform and petroleum ether extracts of Nigella sativa seeds in stroke model of rat. Journal of Pharmacy and Bioallied Sciences; 5(2):119-25.
3. Gupta H. Aqil M, Khar RK, Ali A, Bhatnagar A, Mittal G (2013). Nanoparticle laden in situ gel for sustained ocular delivery. Journal of Pharmacy and Bioallied Sciences; 5(2): 162-165.
4. Imam SS, Ahad A, Aqil M*, Sultana Y, Ali A (2013), A validated RP-HPLC method for simultaneous determination of propranolol and valsartan in bulk drug and gel formulation. Journal of Pharmacy and Bioallied Sciences; 5(1): 61-65.
5. Talegaonkar, S*.,Tariq, M., Khan, Z. I., Negi, L. M., Khan, A. and Negi, P, (2013). Emerging trends in oral bioavailability, International journal ofRegulatory Affairs, 1(2), 20-38
6. Lalit, M. Negi , Sushama Talegaonkar and Jaggi, M., (2013). Development of a high sensitivity RP-HPLC method and stress testing of imatinibmesylate, J Advanced Pharmacy Education and Research, 3, 238-243
7. K Pramod, Shahid H. Ansari, Javed Ali (2013). Assessment of Phase Diagrams by Cut and Weigh Method: A Technical Note. Asian Journal of Pharmaceutical Technology, 3(3), 102-104; ISSN; 2347-8810.
8. K Pramod, Shahid H. Ansari, Javed Ali (2013). UV Spectrophotometric Method for the Quantification of Eugenol during in Vitro Release Studies.Asian Journal of Pharmaceutical Analysis, 3(3), 86-89; ISSN; 2231-5675.
9. K. Pramod, Shahid H. Ansari, Javed Ali (2013). Development and validation of UV spectrophotometric method for the quantitative estimation of eugenol.Asian Journal of Pharmaceutical Analysis, 3(2), 58-61; ISSN; 2231-5675.
10. Abdul Wadood Khan, SabnaKotta, SudhaRana, ShahidHussain Ansari, Rakesh Kumar Sharma, Javed Ali (2013). Skin decontamination cream for radiological contaminants: Formulation development and evaluation. International Journal of Pharmaceutical Investigation, 3(1), 54-59; ISSN2230-973X.
11. AmitGoel, SanjulaBaboota, Jasjeet K. Sahni, Javed Ali (2013). Exploring targeted pulmonary delivery for treatment of lung cancer. International Journal of Pharmaceutical Investigation, 3(1), 8-14; ISSN 2230-973X.
12. Abdul Wadood Khan, SabnaKotta, ShahidHussain Ansari, Javed Ali, Rakesh Kumar Sharma (2013). Recent Advances in Decontamination of Chemical Warfare Agents: A Review. Defence Science Journal, 63(5), 19-25; ISSN 1742-

	<p>5247.</p> <p>2014</p> <ol style="list-style-type: none"> 1. Amin S., Singhal M., Dhal C. (2014).Development and validation of RP-HPLC method for the determination of candesartan cilexetil in bulk drug and tablet dosage. Indian Drugs. 51(5):14-20 (ISSN: 0019-462X). 2. Setya Sonal, Razdan BK, Talegaonkar Sushama.” (2014). Development and validation of rphplc method of tacrine hydrochloride in nanoemulsion gel, J of Advanced Pharmaceutical Education and Research, 4(4), 435-439 (I.F. 0.819) 3. Setya Sonal ,Razdan BK, Talegaonkar Sushama,(2014). Design, Development And In Vitro Investigation Of Water In Oil Nanoemulsion For Transdermal Delivery World Journal of Pharmacy and Pharmaceutical Sciences, 3(12), 1495-1512.,ISSN 2278 – 4357 4. S. Sultana, A. Bhatnagar, H. Rawat, D.K. Nishad, S. Talegaonkar, Farhan J. Ahmad, Gaurav Jain, “Pulmonary delivery of nanosized-alendronate for decorporation of inhaled heavy metals: formulation development, characterization and gamma scintigraphic evaluation”, Pharm. Dev. Technol., 19(5), 623-633 (2014) I.F.- 1.333 5. M. Ali, M. Afzal, M. Verma, S.M. Bhattacharya, F.J. Ahmad, M. Samim, M.Z. Abidin, A.K. Dinda, “Therapeutic efficacy of poly(lactic-co-glycolic acid) nanoparticles encapsulated ivermectin (nano-ivermectin) against brugian filariasis in experimental rodent model”, Parasitol Res., 113, 681–691(2014)I.F.- 2.852 6. Iqbal Ahmad, Sohail Akhter, Mohammad Zaki Ahmad, Mohd. Shamim, Roop K. Khar, Farhan J. Ahmad, “Collagen loaded nano-sized surfactant based dispersion for topical application: formulation development, characterization and safety study”, Pharm Dev Technol., 19(4), 460-467 (2014) I.F.-1.333 7. N Ahmad, I Ahmad, S Umar, Z Iqbal, M Samim, Farhan J Ahmad. PNIPAM nanoparticles for targeted and enhanced nose-to-brain delivery of curcuminoids: UPLC/ESI-Q-ToF-MS/MS-based pharmacokinetics and pharmacodynamic evaluation in cerebral ischemia model. Drug Delivery, 1-20 (2014) I.F 1.930 8. MH Warsi, M Anwar, V Garg, GK Jain, S Talegaonkar, FJ Ahmad, RK Khar Dorzolamide-loaded PLGA/vitamin E TPGS nanoparticles for glaucoma therapy: pharmacoscintigraphy study and evaluation of extended ocular hypotensive effect in rabbits. Colloids and Surfaces B: Biointerfaces, 122,423-431, 2014 I.F 4.226. 9. M Anwar, M Asfer, AP Prajapati, S Mohapatra, S Akhter, A Ali, FJ Ahmad Synthesis and in vitro localization study of curcumin-loaded SPIONs in a micro capillary for simulating a targeted drug delivery system. International journal of pharmaceutics 468 (1), 158-164. (2014), I.F 4.090 10. A Muheem, F Shakeel, MA Jahangir, M Anwar, N Mallick, GK Jain,A review on the strategies for oral delivery of proteins and peptides and their clinical perspectives. Saudi Pharmaceutical Journal, I.F 0.945 11. V Garg, GK Jain, J Nirmal, MH Warsi, FJ Ahmad, RK Khar.Development of Poly Lactide-Co-Glycolide Nanodispersions for Enhanced Ocular Delivery of Moxifloxacin. Science of Advanced Materials 6 (5), 990-999 2014, I.F 2.56 12. AA Moghaddam, M Aqil, FJ Ahmad, MM Ali, Y Sultana, A Ali.Nanoethosomes mediated transdermal delivery of vinpocetine for management of Alzheimer’s disease. Drug Delivery. 1-9 (2014) I.F 1.930 13. N Alam, S Beg, M Rizwan, A Ahmad, FJ Ahmad, A Ali, M Aqil.Mucoadhesive elementary osmotic pump tablets of trimetazidine for controlled drug delivery and
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Sl. No.	Authors/editors (list all)	Title	ISBN	Year of publication	Publisher including city
1.	M. Aqil	Practice of Hospital, Clinical and Community Pharmacy	978-81-312-2831-9	2012	Elsevier India, Delhi NCR
2	Roop K Khar, SP Vyas, Farhan J Ahmad, Gaurav K Jain	The Theory and Practice of Industrial Pharmacy, 4th Edition	ISBN No. 8123922892	(2013)	CBS Publishers, Delhi
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4	G.K. Jain, Farhan J. Ahmad, R.K. Khar,	Theory and Practice of Physical Pharmacy	ISBN-9788131232651		Elsevier Publishing (2011)

1. Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers):

Sl. No.	Authors/editors (list all)	Title	ISBN	Year of publication	Publisher including city
1.	M. Aqil	Practice of Hospital, Clinical and Community Pharmacy	978-81-312-2831-9	2012	Elsevier India, Delhi NCR
2.	Roop K Khar, SP Vyas, Farhan J Ahmad, Gaurav K Jain	The Theory and Practice of Industrial Pharmacy, 4th Edition	ISBN No. 8123922892	(2013)	CBS Publishers, Delhi
3.	G.K. Jain, Farhan J. Ahmad,	Theory and Practice of Physical Pharmacy	ISBN-9788131232651	(2011)	Elsevier Publishing

		R.K. Khar,	Pharmacy				
2. Number listed in International Database (Google Citation Search.)							
		Faculty	Citations	h-index			
		Prof. Asgar Ali	2886	32			
		Prof. F. J. Ahmad	4751	33			
		Dr. Kanchan Kohli	2851	27			
		Dr. Yasmin Sultana	2446	27			
		Dr. Sanjula Baboota	4181	31			
		Dr. Javed Ali	6348	36			
		Dr. Mohd Aqil	2571	27			
		Dr. Sushama Talegaonkar	3660	31			
		Dr. Zeenat Iqbal	1150	20			
		Dr. Saima Amin	304	09			
		Dr. Gaurav K. Jain	828	16			
23.	Details of patents and income generated	S. No.	Patent Number	Assignee	Inventors	Date Of Grant	Title
		1.	248830	Jamia Hamdard	Farhan Jalees Ahmad, Mohd Aqil , Roop k. khar	29/08/2011	A release pharmaceutical preparation for colon delivery
		2.	250983	Jamia Hamdard	M. Aqil, Bhavna, Farhan Jalees Ahmad, R.k. khar	14/02/2012	A pharmaceutical composition for transdermal/transmucosal delivery
		3.	249119	Jamia Hamdard	M. Aqil, Yasmin Sultana, Asgar Ali, Farhan Jalees Ahmad	30/09/2011	Polymetric diffusin matrix containing a potassium channel opener

		4.	249172	Jamia Hamdard (Hamdard University)	Rajesh khanna, Suraj Prakash Agarwal, R.K. Khar	10/10/2011	Fulvic acids and humic acids as novel complexing agents and a process thereof
Patents- Applied							
		S. No.	Patent Number	Assignee	Inventors	Date Of Filing	Title of Invention
		1.	1742/D EL/2009	Jamia Hamdard	Javed Ali, Nitin Saigal, Sanjula Baboota, Alka Ahuja and Mushir Ali	24 th August, 2009	A controlled release pharmaceutical Formulation
		2.	IPR/13062/2013	Jamia Hamdard & CCRAS	Sanjula Baboota, Saeed Ahmad, Javed Ali, Tanwir Athar and S. Mohamed Mustafa	Sep., 2014	Emulgel based topical dosage form in sustained manner containing herbal extract for the treatment of Psoriasis and a process for preparing the same
		3.	0146/D EL/2005	Jamia Hamdard	Farhan Jalees Ahmad, Zeenat Iqbal, Roop k. khar	24/01/2005	A buffered bioadhesive controlled release vaginal drug delivery system
		4.	13/DEL/2010	Jamia Hamdard	Farhan Jalees Ahmad, Gaurav kumar jain, Sohail Akhtar, S.M. Abbas Zaidi	04/01/2010	Nanocompositions of thymoquinone
		5.	1339/D EL/2010	DRDO	Bhatnagar, Aseem, Sultana Shaheen, Ahmad, Farhan Jalees Mittal, Gaurav, Talegaonkar Sushma, Sultana,	09/06/2010	Treatment of heavy metal poisoning by inhaled phosphonates"

				Sarwat, Singh, Thakuri, Neeraj' Kumar, Rashid ali			
		6.	1343/D EL/2010	Jamia Hamdard	R.K.Khar, Farhan Jalees Ahmed, Shadab Ahmad Pathan, S.M.Abbas Zaidi	10/06/2010	Pharmaceutical compositions based upon phospholipid complexed microparticles of delphinium denudatum (jadwar) extract & preparation thereof.
		7.	1395/D EL/2009	Jamia Hamdard	Gaurav Kumar Jain, Nilu Jain, Sushama Talegaonkar, Farhan Jalees Ahmad, Roop Kishen Khar	13/07/2009	Controlled release Mucoadhesive nanocomposites
		8.	1731/D EL/2010	Jamia Hamdard	Abdul Rauf, Md. Aamir Mirza , Sushma Talegaonkar, Zeenat iqbal , Mohd. Samim , Asim bhatnagar, Roop k. Khar , Farhan j. Ahmad	23/07/2010	A nasal inhalation apparatus for pulmonary delivery of dpi to animal.
		9.	1862/D EL/2009	Jamia Hamdard	Shadab Ahmad Pathan, Sohail Akhtar, Syed Mohammed Abbas Zaidi, Gaurav kumar Jain, Roop krishen khar , Farhan Jalees Ahmad	09/09/2009	Novel Formulations/composition of Safranal
		10.	1997/D EL/2010	Jamia Hamdard	Fatima Hasan, Roop Krishen Khar , Farhan Jalees Ahmad	24/08/2010	A Novel indigenous formulation for treatment and prevention of hair loss/alopecia/hair fall and thinning of scalp hair and a method of

					preparing thereof.	
	11.	2095/D EL/2011	Holista Biotech sdn bhd and Jamia Hamdard	Qazi, Ghulam Nabi , Ahmad, Farhan Jalees , Samim, Mohd, Cooper, Deborah (Australia), V. Marnickavasar, M. Rajendran a/1 (Malaysia)	25/07/2011	Collagen nanostructures
	12.	2107/D EL/2010	Jamia Hamdard	Gaurav kumar Jain, Farhan Jales Ahmad, Sachin Gahoi	03/09/2010	Solid pharmaceutical composition of nanoparticles.
	13.	2301/D EL/2006	Jamia Hamdard	Dr.Farhan J.Ahmad, Dr.Aseem Bhatnagar, Dr.Roop Krishan Khar, Dr,Anuj Bhatnagar, Dr,Pradeep Chugh	19/10/2006	A pharmaceutical aerosol formulation and a method for preparation thereof
	14.	2752/D EL/2011	Jamia Hamdard	Mohd Aqil, Farhan Jalees Ahmad, Asgar Ali	22/09/2011	Aloe vera oil: a new skin permeation enhancer.
	15.	211/DE L/2013	Jamia Hamdard	Lalit M. Negi, Suhama Talegaonkar, Zeenat Iqbal, Farhan Jalees Ahmad		Oral formulations for enhancing gastric emptying and sphincter relaxation instantly and a process of preparation thereof
	16.	306/DE L/2012	Jamia Hamdard	Amna Alveri, M.Z. Abidin, Farhan Jalees Ahmad	03/02/2012	
	17.	2010	DRDO	Aseem Bhatnagar, Neeraj, Farhan Jalees Ahmad, Sandeep Soni, Gaurav Mittal, Thakuri Singh, Harish Rawat,		

				Rashid Ali		
		18.	2299/DEL/2009	DRDO Aseem Bhatnagar, Neeraj, Gaurav Mittal, Rasihd Ali, Farhan Jalees Ahmad, Shaheen Sultana	09/11/2009	
		19.	8/DEL/2008	DRDO Aseem Bhatnagar, Ruchi Sachdev, Sheetal Rajpal, Hsarish Rawat, Mahinder, Ravi Kasyap, Bhavna, Farhan Jalees Ahmad, Anuj Bhatnagar	02/01/2008	
24.	Areas of consultancy and income generated:	Formulation Development Nanotechnology based products Scale-up Studies Nil				
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad:	Nil				
26.	Faculty serving in: i) National committees					

	<ol style="list-style-type: none"> 1. Dr Farhan J Ahmad, Member, Life Science and Reserach board(LSRB)DRDO. 2. Dr Farhan J Ahmad, Member, Expert Group, Senior Fellowships, ICMR. 3. Dr Farhan J Ahmad, Member, NRDC, Expert committee, New Delhi. 4. Dr Farhan J Ahmad, Member, Unani Pharmacopoeial Committee. 5. Dr Farhan J Ahmad, Member, CSIR, SRF Panel. 6. Prof Farhan J Ahmad, CoChairman, IEC, INMAS, New Delhi 7. Prof Farhan J Ahmad, Member, Bureau of Indian Standard (BIS) - Medical Equipment and Hospital Planning, Medical Biotechnology and Nanotechnology Sectional Committee (MHD20), Government of India. 8. Dr. Javed Ali, Dr. Sanjula Baboota & Dr. Kanchan Kohli on Panel of Inspectors of Pharmacy Council of India 9. Dr. Javed Ali Member task force for designing the Diploma in Pharmacy Syllabusby AICTE 10. Dr. Javed Ali Expert UPSC, New Delhi <p>(ii) International committees</p> <ol style="list-style-type: none"> 1. Dr. Javed Ali Chairman, Evaluation of Scientific Papers on Recent Development in Drug Delivery Systems, 2nd Annual International Conference on Pharmaceutical Sciences, Athens Institute for Education and Research, Athens, Greece 2. Dr Farhan J Ahmad, Evaluation Committee, International Pharmaceutical Federation conference, Hyderabad, India. <p>(iii) Editorial Boards of journals</p> <ol style="list-style-type: none"> 1. Prof. Farhan J Ahmad, Editorial Board, Recent Development in Drug Delivery Systems, Bentham Publications. 2. Dr. Javed Ali -Editorial Board Journal of Young Pharmacists 3. Dr. Javed Ali - Editorial board of The Scientific World Journal . 4. Dr. Yasmin Sultana- Editorial Boards of journals-Associate Editor (BMC Biotechnology), 5. Dr. Yasmin Sultana Editorial Board Member, Journal of drug discovery, development and delivery 6. Dr. Sanjula Baboota - Editorial board of BioMed Research International (ISSN No.: 2314-6133 (Print) and 2314-6141 (Online)) 7. Dr. Sanjula Baboota -Editorial board of The Scientific World Journal (ISSN No.: 1537-744X). 8. Dr. Mohd. Aqil- Editorial Boards of journals: Editor, Journal of Pharmacy and Bioallied Sciences 9. Member, Editorial committee ofRecent patent on Drug Delivery and Formulations journal . 10. Dr Sushama Talegaonkar Member Editorial Recent patent on Drug Delivery and Formulations journal 11. Dr Sushama Talegaonkar Member Editorial Board International Journal of Pharmacy and Pharmaceutical Sciences. 2011-12 (June) 12. Dr Sushama TalegaonkarMember Editorial Board International Journal of Pharmacy and Pharmacology 13. Dr Sushama Talegaonkar Member Editorial Board Journal of Drug Delivery and Therapeutics 14. Dr Sushama Talegaonkar Member Editorial Board Pathobiology and
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	<p>Toxicology.</p> <p>15. Dr Sushama Talegaonkar Member Editorial Board Peak Journal of Pharmacy and Pharmaceutical sciences</p> <p>16. Dr. Saima- Editorial Boards of Journal of Drug Delivery and Therapeutics (http://jddt online.info)</p> <p>(iv) any other (please specify)</p> <ol style="list-style-type: none"> 1. Dr. Javed Ali Nomination of Guest Faculty under MoU for SR University Chennai 2. Dr. Javed Ali EC MEMBER IPGA 3. Dr. Javed Ali EC MEMBER IPA (Delhi Branch) 4. Dr Farhan J Ahmad, President, IPA, Delhi Branch, 2011-14 5. Dr Farhan J Ahmad, Honorary Secretary, SPDS North Chapter. 6. Dr. Kanchan Kohli - Chairman and Judge in IPA Convention 2011 7. Dr. Kanchan Kohli - Chairman of Task Committee in 26th Annual Conference of IPGA April 2011 8. Dr Sushama Talegaonkar, EC member, IPA, Delhi branch 9. Dr Gaurav Jain, Vice President, IPA, Delhi branch 																								
<p>27.</p>	<p>Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):</p> <table border="1" data-bbox="321 850 1383 1929"> <thead> <tr> <th data-bbox="321 850 524 951">Name of faculty member</th> <th data-bbox="524 850 834 951">Title of programme</th> <th data-bbox="834 850 1138 951">Institution where attended</th> <th data-bbox="1138 850 1383 951">Duration (dates)</th> </tr> </thead> <tbody> <tr> <td data-bbox="321 951 524 1289">Dr Sushama</td> <td data-bbox="524 951 834 1289">One week Winter school training programme (UGC Networking resource centre programme) Attaining Excellence and Compliance Through Drug Delivery And Pharmaceutical Technology”</td> <td data-bbox="834 951 1138 1289">University Institute of Pharmaceutical Sciences, Chandigarh</td> <td data-bbox="1138 951 1383 1289">from 2nd to 7th Feb 2015</td> </tr> <tr> <td data-bbox="321 1289 524 1528">Dr Sushama</td> <td data-bbox="524 1289 834 1528">AICTE sponsored two weeks Faculty Development Programme on Academic Research: A tool to improve the quality of Research</td> <td data-bbox="834 1289 1138 1528">at Adina Institute of Pharmaceutical Sciences, Sagar, M. P.,</td> <td data-bbox="1138 1289 1383 1528">from 17th to 30th June 2013</td> </tr> <tr> <td data-bbox="321 1528 524 1768">Dr Sushama</td> <td data-bbox="524 1528 834 1768">AICTE sponsored one Week Quality Improvement Programme on “Recent Advances in Pharmaceutical Sciences”</td> <td data-bbox="834 1528 1138 1768">DIPSAR, New Delhi</td> <td data-bbox="1138 1528 1383 1768">from 17th October to 21st October 2011,</td> </tr> <tr> <td data-bbox="321 1768 524 1864">Dr. Mohd. Aqil</td> <td data-bbox="524 1768 834 1864">One week Professional Development Program for Sr. Faculty</td> <td data-bbox="834 1768 1138 1864">Academic Staff College, Jamia Millia Islamia</td> <td data-bbox="1138 1768 1383 1864">08-13 December 2014</td> </tr> <tr> <td data-bbox="321 1864 524 1929">Dr. Zeenat Iqbal</td> <td data-bbox="524 1864 834 1929">QIP</td> <td data-bbox="834 1864 1138 1929">DIPSAR</td> <td data-bbox="1138 1864 1383 1929">20Feb’2015-5 March’2015</td> </tr> </tbody> </table>	Name of faculty member	Title of programme	Institution where attended	Duration (dates)	Dr Sushama	One week Winter school training programme (UGC Networking resource centre programme) Attaining Excellence and Compliance Through Drug Delivery And Pharmaceutical Technology”	University Institute of Pharmaceutical Sciences, Chandigarh	from 2 nd to 7 th Feb 2015	Dr Sushama	AICTE sponsored two weeks Faculty Development Programme on Academic Research: A tool to improve the quality of Research	at Adina Institute of Pharmaceutical Sciences, Sagar, M. P.,	from 17 th to 30 th June 2013	Dr Sushama	AICTE sponsored one Week Quality Improvement Programme on “Recent Advances in Pharmaceutical Sciences”	DIPSAR, New Delhi	from 17 th October to 21 st October 2011,	Dr. Mohd. Aqil	One week Professional Development Program for Sr. Faculty	Academic Staff College, Jamia Millia Islamia	08-13 December 2014	Dr. Zeenat Iqbal	QIP	DIPSAR	20Feb’2015-5 March’2015
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	Dr. Zeenat Iqbal	Electron Microscopy for diagnostics and biomedical research	National Institute of Pathology, ICMR, Delhi	Sept 23rd to 27th 2013
	Dr. Zeenat Iqbal	National Workshop on Research Methodologies for Women Scientists	Department Of Pharmacology, AIIMS	3rd -7th Oct'2011
	Dr Saima	One week Winter school training programme (UGC Networking resource centre programme) Attaining Excellence and Compliance Through Drug Delivery And Pharmaceutical Technology”	University Institute of Pharmaceutical Sciences, Chandigarh	from 2nd to 7th Feb 2015
	Dr Saima	Faculty development programme	SBS College of Pharmacy, Patti, Punjab	25th to 29th August, 2014.
	Dr Saima	QIP	DIPSAR,	Nov. 22-27, 2011.
28.	Student projects:	<ul style="list-style-type: none"> Percentage of students who have done in-house projects including inter-departmental projects - 75 % percentage of students doing projects in collaboration with other universities/ industry/institute - 25% 		
29.	Awards /recognitions received at the national and international level by:	<ol style="list-style-type: none"> Dr Sushama Talegaonkar UGC Research Award, 2014-16, by University Grants Commission, New Delhi. Dr Sushama Talegaonkar „Certificate of Recognition” for publishing three papers in high impact factor journal on National Science Day 28.2.2015, 2014, 2013, 2012 in Jamia Hamdard, New Delhi Dr Sushama Talegaonkar awarded Most cited research paper award on the behalf of Elsevier and board of European Journal of pharmaceuticals and Biopharmaceutics for research paper Development and bioavailability assessment of remipril nanoemulsion formulation” 28.3.11 (Declare) Received April 2012 Dr Sushama Talegaonkar awarded Motan Devi Dandiya Prize for Best Publication Award in Pharmaceutical Sciences for biennial 2010 and 2011. On behalf of Prof. PC Dandiya Endowment Trust. 4th Feb 2012 Dr Sushama Talegaonkar awarded Best Oral Presentation in Recent advances in Green Chemistry and chromatographic Sciences, at Manav Rachana International University, Faridabad, 12th to 14th Jan 2012 Dr Farhan J Ahmad, UGC Research Award 2012-14., by University Grants Commission, New Delhi. Dr Javed Ali UGC Research Award 2012-2014 by University 		
	Faculty			

		<p>Grants Commission, New Delhi.</p> <ol style="list-style-type: none"> 8. Dr. Aqil- UGC Research Award 2012-14, by University Grants Commission, New Delhi. 9. Dr Farhan J Ahmad Awarded Bharat Jyoti Award for the year 2011 in recognition for his work in the field of Pharmaceutical Sciences and Nanomedicine. 10. Dr Farhan J Ahmad Certificate of appreciation from Jamia Hamdard on Publication in high impact factor Journals (2011-12) 11. Dr Farhan J Ahmad Certificate of appreciation from Jamia Hamdard on Publication in high impact factor Journals (2012-13) 12. Dr. Aqil- Best Faculty Award at the Academic Brilliance Awards-2013, presented by EET CRS, Noida (Delhi NCR) on 30 April 2013. 13. Dr. Saima- DST Young Scientist Award, 2014, by SERB, DST, Delhi 14. Dr. Yasmin- Awarded Role Model Award by the President of India in 2013. Role Model Award is given to persons with disability who can be an exemplar for disabled citizen by way of his/her achievements in their chosen field. 15. Dr. Kanchan Kohli- Chairman in Scientific session in “International conference on Recent Advances in cardiovascular sciences and translational medicines” held at Amity University on 16th Feb 2012. 16. Dr. Kanchan Kohli- Chairman In “26th Annual Conference of IPGA on Pharmaceutical opportunities and challenges of the new decades” held on 2nd April 2011. 17. Dr. Kanchan Kohli- Delivered invited lecture in UGC-SAP sponsored National seminar on “Medicinal Plants and their characterization” at Jamia Hamdard on February 26-27, 2013. 18. Dr. Zeenat Iqbal- Best oral presentation for research paper “Propolis ethosomal transgel :a bioactive chemopreventive agent. First Annual Conference of Society of Pharmaceutical Sciences and Research (SPER)on “Pharmavision :Raising awareness towards recent advancement in pharmaceutical research”.23rdJune2012, held at DIPSAR,in collaboration with IFTM, Moradabad, UP, India. 19. Dr. Zeenat Iqbal- “Certificate of Recognition” for getting young scientist award from SPER, on Founder’s day 14th sept. 2013. 20. Dr. Zeenat Iqbal- Second prize poster presentation, at DST sponsored National Conference on Novel & Emerging Approaches in Pharmaceutical Sciences and Research (NEAPSR-2014)3rd May 2014 organized by RV Northland Institute of Pharmacy 21. Dr. Zeenat Iqbal- Awarded first prize for poster presentation “Novel formulation design for treating periodontitis-a modifiable CVD risk factor” in 28th Annual conference Indian society for atherosclerosis research & international CME- new paradigms in atherosclerosis & cardio-vascular disorders <p>Doctoral/post doctoral fellows</p>
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	<p>Postdoc/Ph d</p> <p>PG</p>	<p>Students</p> <ul style="list-style-type: none"> • Best Poster Award at 65th Indian Pharmaceutical Congress, for presentation titled, Abdul Wadood Khan, S. H. Ansari, R. K.Sharma, Javed Ali, “Design and Investigation of Lipid based nanoemulsified systems for enhancing bioavailability of the poorly water-soluble grapefruit flavonoid naringenin”, New Delhi, 2013 • First Prize for best poster at IPGA Sponsored National Seminar on “Expectations of Pharmaceutical Industry from Pharmacy Graduates” for presentation titled, “Shadab Md., Sanjula Baboota, Jasjeet Kaur Sahni, Javed Ali, Preparation and Characterization of Bromocriptine Loaded Chitosan Nanoparticles for Intranasal Delivery”, Haryana, 2012 • First Prize for best poster at 1st Annual Conference of Society of Pharmaceutical Education & Research (SPER), for presentation titled, “Amit Goel, Sanjula Baboota, Jasjeet K. Sahni, Kona S. Srinivas, Javed Ali, Formulation and evaluation of surfactant based solid dispersion of Ezetimibe”, New Delhi, 23 June, 2012. • First Prize for Best Poster in Poster Session at the National Seminar on “Challenges of Pharmaceutical Development in 21st Century”, for presentation titled as, “Sahni, J.K., Iqbal, B., Ali, A., Baboota, S. and Ali, J., “Formulation of Solid Self Nanoemulsifying Drug Delivery System of an Anti Diabetic Drug”, New Delhi 2011. • Second Prize for Poster in Poster Session at the “International Symposium and Congress on Advances in Herbal Sciences and Technology”, for presentation titled, “Abdul Wadood Khan, Sabna Kotta, S. H. Ansari, R. K. Sharma, Aseem Bhtanagar, Amit Kumar, Priyanka Chabra and Javed Ali, “Carbomer 934 based Aloe Vera gel for wound healing”, Kerala, 2011. • Prize for Best Poster in Poster Session at the “26th Annual Conference of IPGA”, for presentation titled, “M.D. Fazil, Shadab M.D., Sanjula Baboota, Jasjeet K. Sahni, Javed Ali, “Intranasal Nanoparticulate Drug Delivery of Acetyl Cholinesterase Inhibitor in The Treatment of Alzheimer’s Disease: <i>In Vitro</i> Evaluation”, New Delhi, 2011. • Received travelship from Amgen, to present poster and attend the 2014 AAPS Annual Meeting and Exposition in San Diego, CA, November 2-6. • First Prize for poster presentation “Development and pharmacotechnical evaluation of SLN gel. India Pharma Convention, Challenges and issues in Pharmaceutical sector in India.UDF sponsored held at DIPSAR on 12th Feb 2012. <p>Post Graduate Students</p> <ol style="list-style-type: none"> 1. 2nd Best poster award for the scientific paper entitled ‘Formulation design of solid nanoemulsion concentrate for enhanced chemotherapeutic effect’ at symposium held at PDM college, Bahadurgarh, Haryana.
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		<ol style="list-style-type: none"> 2. Kanchan Kohli, S. Amin. Solid Lipid Nanoparticles: A Colloidal carrier for oral delivery of cardiovascular agent, International conference on “Recent Advances in cardiovascular sciences and translational medicines held at Amity University on 16th Feb 2012. Best poster presentation award. 3. Gulam Hussain, S. Amin. Transfersomal drug delivery for telmisartan. 1st Poster prize at national conference at PDM College, Bahadurgarh. 4. S. Amin. Transfersomal drug delivery for piroxicam. 2nd Poster Prize at International Conference of Pharmacoeconomics and Outcomes Research at India Habitat Centre, New Delhi on 24th Nov. 2012. 5. 3rd Prize for the poster presentation at Amity Institute, Gr. Noida. February 2012. 	
<p>30.</p>	<p>Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:</p>		
<p>Title Seminars/Conference s/ Workshops</p>	<p>Dates</p>	<p>No. of participants</p>	<p>Outstanding participants (keynote speakers, eminent scientists/acad emicians who attended the programme</p>
<p>National Conference on QbD: Regulatory Importance</p>	<p>23 March 2013, Indian Habitat Center, New Delhi</p>	<p>150</p>	<p>-</p>
<p>National Clinical Research Conference</p>	<p>06 July 2013, Hotel Hilton, New Delhi</p>	<p>150</p>	<p>-</p>
<p>Career Avenue Conference</p>	<p>05 April, 2014 Hamdard Convention Center, New Delhi</p>	<p>350</p>	<ul style="list-style-type: none"> • <i>Prof. Roop Khar</i>, Principal, BSAIP • <i>Asha Chandola</i>, Dean, Apeejay University • <i>Faiz Ahmad</i>, The Chopras • <i>Mr Sumit Chaudhari</i>, Chairman, Third millennium • <i>Mr. Manu</i>,

				Head Operations, RD2Rx LLC		
				<ul style="list-style-type: none"> • Mr. Manoj Sharma, Panacea Biotech • Shalini Dwivedi, GSK 		
	Certification Course in CTD Dossier Writing	14 -18 July 2014, F/O Pharmacy Jamia Hamdard	50	<ul style="list-style-type: none"> • Mr. Manu Babbar, Canto n Pharma 		
	Certification Course on IPR	18 -20 Sept 2014, F/O Pharmacy Jamia Hamdard	50	<ul style="list-style-type: none"> • Mr. Shewta Singh, Director, Ennoble IP • Mr. Ankit, Director, Ennoble IP 		
	One day workshop in impurity profiling as organizing President	Convention Center, Jamia Hamdard	19 th Feb 2011	IPA		
	<i>QbD: The next Levels in regulatory submissions</i>	India Habitat Center	23 rd March 2013	IPA		
	<i>Clinical Research Conference; Practical Solutions to challenges in clinical Research</i>	Hotel Hilton, New Delhi	6 th July 2013	IPA/Excel Life Sciences		
	<i>Pharmacist Day celebration</i>	Convention Center, Jamia Hamdard	25 th September 2013	IPA		
31.	Code of ethics for research followed by the departments:	Two committees (vii) JH-IEC (viii) Animal Ethics Committee				
32.	Student profile programme-wise:					
	Name of the Programme (refer to question/point no. 4)	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
	M. Pharm	-				
			10	08	100%	100%

	2011-12					
	2012-13		08	11	100%	100%
	2013-14		14	07	100%	100%
	2014-15		16	14	100%	100%
33.	Diversity of students:					
	Name of the Programme (refer to question/point no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries	
	M. Pharm					
	2011-12	60	15	15	10	
	2012-13	60	20	10	10	
	2013-14	65	15	10	10	
	2014-15	40	15	25	20	
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations ? Give details category-wise.:	Dean office				
35.	Student progression:	Student progression			Percentage against enrolled	
		UG to PG			60	
		PG to M.Phil.			-	
		PG to Ph.D.			40	
		Ph.D. to Post-Doctoral			Nil	
		Employed			60	
		<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 			30	
		Entrepreneurs			10	
36.	Diversity of staff:	Percentage of faculty who are graduates				
		of the same university				90
		from other universities within the State				NA
		from universities from other States				10
		from universities outside the country				NA
37.	Number of faculty who were awarded M.Phil.,	NIL				

	Ph.D., D.Sc. and D.Litt. during the assessment period:																																																																																																																	
38.	Present details of departmental infrastructural facilities with regard to	<ul style="list-style-type: none"> (i) Library -01 (ii) Internet facilities for staff and students –All (iii) Total number of class rooms 08 (iv) Class rooms with ICT facility – 02 (v) Students’ laboratories -06 (vi) Research laboratories -04 																																																																																																																
39	List of doctoral, post-doctoral students and Research Associates:	<p>(i) From host institution/university</p> <table border="1"> <tr><td>1.</td><td>Ms Shaheen Sultana</td><td>Prof. Farhan J Ahmad</td><td>2011</td></tr> <tr><td>2.</td><td>Mrs Nilu Jain</td><td>Prof. Farhan J Ahmad</td><td>2006-2011</td></tr> <tr><td>3.</td><td>Mr Vinay Kumar</td><td>Prof. Farhan J Ahmad</td><td>2007-2010</td></tr> <tr><td>4.</td><td>Mr Gaurav K Jain</td><td>Prof. Farhan J Ahmad</td><td>2005-2010</td></tr> <tr><td>5.</td><td>Ankan Gupta</td><td>Prof. Farhan J Ahmad</td><td>NII, 2011</td></tr> <tr><td>6.</td><td>Fayyazuddin</td><td>Prof. Farhan J Ahmad</td><td>2012</td></tr> <tr><td>7.</td><td>Sohail Akhter</td><td>Prof. Farhan J Ahmad</td><td>2012</td></tr> <tr><td>8.</td><td>Neeraj Kumar</td><td>Prof. Farhan J Ahmad</td><td>2007-2012</td></tr> <tr><td>9.</td><td>Suruchi Suri Vasudev</td><td>Prof. Farhan J Ahmad</td><td>2012</td></tr> <tr><td>10.</td><td>Rabea Parveen</td><td>Prof. Farhan J Ahmad</td><td>2013</td></tr> <tr><td>11.</td><td>Sanjar Alam</td><td>Prof. Farhan J Ahmad</td><td>2013</td></tr> <tr><td>12.</td><td>Nitin Jain</td><td>Prof. Farhan J Ahmad</td><td>2014</td></tr> <tr><td>13.</td><td>Niyaz Ahmad</td><td>Prof. Farhan J Ahmad</td><td>2015</td></tr> <tr><td>14.</td><td>Mohd. Anwar</td><td>Prof. Farhan J Ahmad</td><td>2011-2015</td></tr> <tr><td>15.</td><td>Neha Mallick,</td><td>Prof. Farhan J Ahmad</td><td>2010-2015</td></tr> <tr><td>16.</td><td>Mohd. Fazil</td><td>Dr. Javed Ali</td><td>(2012</td></tr> <tr><td>17.</td><td>Saba Khan</td><td>Dr. Javed Ali</td><td>2013</td></tr> <tr><td>18.</td><td>Tausif Alam</td><td>Dr. Javed Ali</td><td>2014</td></tr> <tr><td>19.</td><td>Bharti Gaba</td><td>Dr. Javed Ali</td><td>2014</td></tr> <tr><td>20.</td><td>Ms. Shrestha Sharma</td><td>Dr. Sanjula Baboota</td><td>2011</td></tr> <tr><td>21.</td><td>Mr. Shobhit</td><td>Dr. Sanjula Baboota</td><td>2013</td></tr> <tr><td>22.</td><td>Mr. Babar</td><td>Dr. Sanjula Baboota</td><td>2014</td></tr> <tr><td>23.</td><td>Kashish Aziz</td><td>Dr. Kanchan Kohli</td><td></td></tr> <tr><td>24.</td><td>Vaidehi Garg</td><td>Dr. Kanchan Kohli</td><td></td></tr> <tr><td>25.</td><td>Kriti Soni</td><td>Dr. Kanchan Kohli</td><td></td></tr> <tr><td>26.</td><td>Naushad Javed</td><td>Dr. Saima Amin</td><td>2013</td></tr> <tr><td>27.</td><td>Apeksha Gupta</td><td>Dr. Saima Amin</td><td>2015</td></tr> </table> <p>(ii) from other institutions/universities</p> <table border="1"> <tr> <td>Pankaj Kumar</td> <td>Dr.Saima Amin</td> <td>Sam Higginbottom Institute of Agriculture Sciences & Technology, Deemed to be University, Allahabad</td> <td>2014</td> </tr> </table>	1.	Ms Shaheen Sultana	Prof. Farhan J Ahmad	2011	2.	Mrs Nilu Jain	Prof. Farhan J Ahmad	2006-2011	3.	Mr Vinay Kumar	Prof. Farhan J Ahmad	2007-2010	4.	Mr Gaurav K Jain	Prof. Farhan J Ahmad	2005-2010	5.	Ankan Gupta	Prof. Farhan J Ahmad	NII, 2011	6.	Fayyazuddin	Prof. Farhan J Ahmad	2012	7.	Sohail Akhter	Prof. Farhan J Ahmad	2012	8.	Neeraj Kumar	Prof. Farhan J Ahmad	2007-2012	9.	Suruchi Suri Vasudev	Prof. Farhan J Ahmad	2012	10.	Rabea Parveen	Prof. Farhan J Ahmad	2013	11.	Sanjar Alam	Prof. Farhan J Ahmad	2013	12.	Nitin Jain	Prof. Farhan J Ahmad	2014	13.	Niyaz Ahmad	Prof. Farhan J Ahmad	2015	14.	Mohd. Anwar	Prof. Farhan J Ahmad	2011-2015	15.	Neha Mallick,	Prof. Farhan J Ahmad	2010-2015	16.	Mohd. Fazil	Dr. Javed Ali	(2012	17.	Saba Khan	Dr. Javed Ali	2013	18.	Tausif Alam	Dr. Javed Ali	2014	19.	Bharti Gaba	Dr. Javed Ali	2014	20.	Ms. Shrestha Sharma	Dr. Sanjula Baboota	2011	21.	Mr. Shobhit	Dr. Sanjula Baboota	2013	22.	Mr. Babar	Dr. Sanjula Baboota	2014	23.	Kashish Aziz	Dr. Kanchan Kohli		24.	Vaidehi Garg	Dr. Kanchan Kohli		25.	Kriti Soni	Dr. Kanchan Kohli		26.	Naushad Javed	Dr. Saima Amin	2013	27.	Apeksha Gupta	Dr. Saima Amin	2015	Pankaj Kumar	Dr.Saima Amin	Sam Higginbottom Institute of Agriculture Sciences & Technology, Deemed to be University, Allahabad	2014
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20.	Ms. Shrestha Sharma	Dr. Sanjula Baboota	2011																																																																																																															
21.	Mr. Shobhit	Dr. Sanjula Baboota	2013																																																																																																															
22.	Mr. Babar	Dr. Sanjula Baboota	2014																																																																																																															
23.	Kashish Aziz	Dr. Kanchan Kohli																																																																																																																
24.	Vaidehi Garg	Dr. Kanchan Kohli																																																																																																																
25.	Kriti Soni	Dr. Kanchan Kohli																																																																																																																
26.	Naushad Javed	Dr. Saima Amin	2013																																																																																																															
27.	Apeksha Gupta	Dr. Saima Amin	2015																																																																																																															
Pankaj Kumar	Dr.Saima Amin	Sam Higginbottom Institute of Agriculture Sciences & Technology, Deemed to be University, Allahabad	2014																																																																																																															

40	Number of post graduate students getting financial assistance from the university.:	nil
41	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology .:	NA
42	Does the department obtain feedback from:	<p>j) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes, the feedback is used in the assessment of deficiencies and provides measures to rectify them. The objective is to improve teaching practices and to enhance the learning abilities.</p> <p>k) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes, the feedback from students helps us in formulating modifications and revisions of the curriculum for the PG program of our Department. The teaching methods are also revised.</p> <p>l) Alumni and employers on the programmes offered and how does the department utilize the feedback? Yes, the feedback from employers has been instrumental in initiating the regulatory courses which have been creating most of the jobs for students passing out from our Department.</p>
43	List the distinguished alumni of the department (maximum 10):	<p>Manu Jaggi Chief Scientific Officer at Dabur Research Foundation New Delhi Area, India Pharmaceuticals Previous . Dabur Research Foundation Education . National Institute of Immunology - PhD in cancer biology</p> <p>Manish Narang General Manager & Engagement Partner-India, The Medicines Current . The Medicines Company Previous . The Medicines Company, Abbott Vascular, Guidant Education . Jamia Hamdard</p> <p>Manish Grover</p>

		<p>Global Head, Technology and Product Development at Merck Group Mumbai, Maharashtra, IndiaPharmaceuticals Previous . Abbott Healthcare Private Limited, Piramal Healthcare Limited, Zydus Cadila Education . Department of Pharmaceutical Sciences</p> <p>Dhiraj Khattar Head - I&DC Formulation at Fresenius Kabi Oncology Ltd. Gurgaon, IndiaPharmaceuticals Current . Fresenius Kabi Oncology Ltd. Previous . Dabur Research Foundation Education . Hamdard College of Pharmacy</p> <p>Dr.Praveen Khullar Senior Director Development Centre & Regional coordinator Gx BU APJ region Marmagao Area, IndiaPharmaceuticals Current . Sanofi Synthelabo India Pvt. limited</p> <p>Naushad Khan Ghilzai Associate Dean for Academics and Assessment and Professor of Pharmaceutical Sciences Suwanee, GeorgiaEducation Management Current . Philadelphia College of Osteopathic Medicine School of Pharmacy</p> <p>Shireen Rao Managing Director at Eminent BioServices Faridabad, Haryana, IndiaPharmaceuticals Previous . Fortis Clinical Research Ltd., Ranbaxy Research Laboratories Education . Jamia Hamdard</p> <p>Anil Sachdeva Senior Director - Regulatory Affairs at Mylan Inc. Morgantown, West VirginiaPharmaceuticals Previous . Strides Inc., Cadista Pharmaceuticals Inc., JubilantOrganosys Ltd Education . Jamia Hamdard</p>
44	<p>Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.</p>	<p>1) Invited lecture series in the Department of Pharmaceutics , Faculty of Pharmacy, Jamia Hamdard ,First invited Lecture held on 4th 2) Second Invited Lecture held on Ataxia, on 25th September, 2012 by Dr Achal Srivastava, Neurologist , AIIMS. 3) Third Invited Lecture held on educational on Graduate Studies in Pharmaceutical education In USA, on 1st march 2012 by Ms Renuka Raja Rao, and Ms, Richa Bhasin from USIEF, 4) Fourth Lecture under the invited Lecture Series on Roles & Responsibilities and Common Technical Document: Presentation and format of the dossier on13th December 2012 by Dr. Jitendra Badjatya , Pharma Regulatory Affairs- 5) Invited Lecture series ,Lecture IV, on 25th March2013 by Dr Subhashish , Evicon. 6) Organized a lecture on ataxia by eminent neurologist, Dr Achal Srivastava, Additional Professor, Department of Neurology, All India Institute of Medical Sciences, New Delhi, in the Faculty Auditorium, Faculty of Pharmacy, Jamia Hamdard at 3.00 P.M. on 22nd May 2012.</p>

45	List the teaching methods adopted by the faculty for different programmes ∴	Board/Chalk Over head Projection LCD Projection Seminar Presentation Practicals Compulsory Regular Internal Assessment tests. NET coaching and career planning counselling Feedback of alumni is taken regularly.
46	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	<ol style="list-style-type: none"> 1. By Continuous/periodic evaluation 2. by feed back forms teachers , students and from alumini 3. by Submission Assignment on important topic of subject 4. By conducting Students seminar and workshops on basic tehnologies. 5. By distributing project work to different groups of student—Data survey, case studies,
47	Highlight the participation of students and faculty in extension activities.	<ol style="list-style-type: none"> 1. Participation in Swach Bharat Abhiyan 2. Participation in Health camp 3. Participation in Blood donation Camp 2. Participation in Rx Pharma 3. Participation in NCC and NSS
48	Give details of “beyond syllabus scholarly activities” of the department.	<ol style="list-style-type: none"> 1)Invited lecture series in the Department of Pharmaceutics , Faculty of Pharmacy, Jamia Hamdard ,First invited Lecture held on 4th February 2010 by Dr Naresh Sharma, DI, CDSCO) 2) Second Invited Lecture held on Ataxia, on 25th September, 2012 by Dr Achal Srivastava, Neurologist , AIIMS. 3) Third Invited Lecture held on educational on Graduate Studies in Pharmaceutical education In USA, on 1st march 2012 by Ms Renuka Raja Rao, and Ms, Richa Bhasin from USIEF, 4) Fourth Lecture under the invited Lecture Series on Roles & Responsibilities and Common Technical Document: Presentation and format of the dossier on 13th December 2012 by Dr. Jitendra Badjatya , Pharma Regulatory Affairs- 5) Invited Lecture series ,Lecture IV, on 25th March 2013 by Dr Subhashish , Evicon 6)Organized a lecture on ataxia by eminent neurologist, Dr Achal Srivastava, Additional Professor, Department of Neurology, All India Institute of Medical Sciences, New Delhi, in the Faculty Auditorium, Faculty of Pharmacy, Jamia Hamdard at 3.00 P.M. on 22nd May 2012.
49	State whether the programme/ department	Accrediated under NAAC Grade A Also by PCI and AICTE

	is accredited/ graded by other agencies? If yes, give details.:	
50	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	<ol style="list-style-type: none"> 1. Increased the collaboration with researchers and companies within the state, especially on a partnership or a fee for service basis. 2. Developed an expertise in advanced areas of research in pharmaceutical field 3. Expand the mission of the Continuing Education to help translate progress in the development of advanced pharmacy practice models 4. Established a High Tech Lab for the development of Nano drug delivery system
51	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.	<p>Strengths</p> <ol style="list-style-type: none"> 1. Highly qualified and experienced faculty 2. Infrastructure 3. Research Facilities 4. Publications 5. Research Projects <p>Weaknesses</p> <ol style="list-style-type: none"> 1. Weak patent to product ratio 2. Molecular aspects of research 3. Poor technology transfer <p>Opportunities</p> <ol style="list-style-type: none"> 1. Development of collaborative research relationship 2. Translational Research 3. Incubation centre 4. PhD in Pharmaceutical Sciences represents excellent opportunities for research funding and productivity 5. High demand for pharmacists remains unabated 6. Possibility of residencies and fellowships <p>Challenges</p> <ol style="list-style-type: none"> 1. Growth and resources will need to increase at the same rate 2. More pharmacy programs are paying preceptors for their time; we do not have funding for this 3. Difficulty with start-up funding may impair attraction of best scientists 4. Resources do not allow for optimization of College administrative and support structures
52	Future plans of the department.:	<ol style="list-style-type: none"> 1. Industry-Academic collaborative projects 2. Consultancy projects 3. Creation of GMP Facility 4. Product showcase and Product Development pamphlets 5. Invest strategically in research areas of current strength, emerging interest and greatest performance 6. Continue to target research investments in areas of current

		<p>strength such as drug discovery (including natural products abundant and that grow well in India)</p> <ol style="list-style-type: none">7. Drug development (including development of novel dosage forms, nanotechnology and liposome drug delivery).8. Target research investments in emerging areas such as experimental therapeutics and translational research and addressing problems related to pharmaceutical use/abuse.9. Develop the infrastructure and administrative support required to achieve Top status.
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EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	PHARMACOLOGY				
2.	Year of establishment:	1972				
3.	Is the Department part of a School/Faculty of the university?	Yes, , Faculty of Pharmacy				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	D. Pharm B. Pharm M. Pharm: Pharmacology M. Pharm: Pharmacy practice PhD: Pharmacology PhD: Pharmacology with specialization in Pharmacy Practice PhD: Pharmaceutical Medicine				
5.	Interdisciplinary programmes and departments involved:	NA				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	PhD Pharmaceutical Medicine in collaboration with Sun Pharma				
7.	Details of programmes discontinued, if any, with reasons:	NA				
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	Annual (D. Pharm) and Semester (B. Pharm & M. Pharm)				
9.	Participation of the department in the courses offered by other departments:	Ph.D. Course work Prof. N. Saha- Head Department of Pharmacology, HIMSR Prof. DivyaVohora- BOS, Faculty of Nursing Dr. Manju Sharma- Adjunct Professor, Department of Pharmacology, HIMSR				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
Professor		01	02	02		
Associate Professors		02	01	01		
Assistant Professors		10	06	06		
Others		---	---	---		
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Nilanjan Saha	MBBS, MD, DM	Professor	Pharmacology	22	04 [Awarded]

	Divya Vohora	M. Pharm, PhD	Professor	Pharmacology	18	03 [Awarded] 01 [Submitted] 01 [Ongoing]
	Dr Uma Bhandari	M. Pharm, Ph.D.	Associate Professor	Pharmacology	26	03 [Awarded]
	Dr. Shibli Jameel Ahmad	M. Pharm, Ph.D.	Assistant Professor and Head	Pharmacology	25	01 [Awarded]
	Dr. Manju Sharma	M. Pharm, Ph.D.	Assistant Professor	Pharmacology	20	01 [Awarded] 01 [Ongoing]
	Dr. Kiran Dubey	M. Pharm, Ph.D.	Assistant professor	Pharmacology	Teaching: 22 year Industrial: 3 years	01 [Ongoing]
	Dr. S.E Haque	M.Sc., Ph.D.	Assistant professor	Biochemistry	22	01 [Awarded]
	Dr. A K Najmi	M. Pharm, Ph.D.	Assistant professor	Pharmacology	16	01 [Awarded] 03 [Submitted] 02 [Ongoing]
	Dr. Mohd Akhtar	M. Pharm, Ph.D.	Assistant professor	Neuro Pharmacology	15	01 [Awarded] 01 [Submitted]
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	NIL				
13.	Percentage of classes taken by temporary faculty – programme-wise information:	NA				
14.	Programme-wise Student Teacher Ratio:	Programme	Student teacher ratio			
		B. Pharm	50:1			
		M. Pharm	7:1			
		PhD	2-4:1			
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation	Sanctioned	Filled/actual		
		Senior Lab. Assistant	01	01		
		Lab. Assistant	01	01		
		Lab. Attendant	02	02		
		Animal Attendant	01	01		
16.	Research thrust areas as recognized by major funding agencies:	<p>The thrust areas of department are cardiovascular pharmacology (obesity, hypertension, cardiomyopathy myocardial infarction); Neuropharmacology (epilepsy, depression, stroke, schizophrenia, cognition, drug abuse), endocrinology (diabetes and related metabolic disorders).</p> <p>Thrust area As recognized by funding agency</p> <p>1. Neurobehavioral pharmacology UGC SAP DRS Phase 1</p> <p>2. Epilepsy</p>				

		UGC SAP DRS Phase 1, ICMR		UGC
		3. Osteoporosis		
		SAP DRS Phase 2		
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:			
	Name of the faculty	Title of the Ongoing project	National/International funding agencies	Grant received
	Prof. Divya Vohora	Evaluation of some newer antiepileptic drugs on biochemical markers of bone turnover and bone mineral density and an investigation on preventative treatment for some conventional antiepileptic drugs in rodents	ICMR	Rs 30 lacs
	Prof. Divya Vohora	Evaluation of combined therapy of β -adrenergic receptor antagonist with antidepressant and antianxiety agents with special reference to depression, anxiety and stress	AICTE	Rs 7.25 lacs
	Dr Uma Bhandari	Study of gut microbiota-induced atherosclerosis and obesity and modulation by Embelin in rats	University Grants Commission (UGC) Candidate ID: MRP-MAJOR-PHAR-2013-39022 Interview held on 24.12.2014 Results were declared on 26.12.2014	Rs. 13,52,000/- (approved)
	Dr. Abul Kalam Najmi	Evaluation of a renin inhibitor on experimentally induced myocardial infarction and cardiac remodeling	AICTE-CAYT	10.5 Lacs
	Dr. Abul Kalam Najmi	Investigation on protective effects of aliskiren on doxorubicin induced cardiotoxicity and nephrotoxicity.	UGC	8.41 Lacs
	Dr Mohd Akhtar	Evaluation of guggulipid extract in animal model of focal cerebral ischemia in	UGC	12.425 lacs

		rats											
18.	Inter-institutional collaborative projects and associated grants received:	National collaboration: CDRI- Lucknow <u>With Daichi Sankyo:</u> Title of project: Evaluation of PI3K inhibitor for anti-inflammatory activity using cell based assays. International collaboration : NA											
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	<table border="1"> <thead> <tr> <th>Funding agency</th> <th>Project title, if any</th> <th>Grant received</th> </tr> </thead> <tbody> <tr> <td>UGC SAP DRS Phase II</td> <td>Epilepsy and Osteoporosis (Coordinator: Prof. DivyaVohora, Co-coordinator: Dr. A. K. Najmi)</td> <td>Rs 100.5 lacs (sanctioned)</td> </tr> <tr> <td>UGC SAP DRS Phase I</td> <td>Combination therapy in Epilepsy: Search for suitable adjuncts (Prof. K. K. Pillai/ Prof. DivyaVohora/ Dr. R. Khanam)</td> <td>Rs 70 lacs</td> </tr> </tbody> </table>	Funding agency	Project title, if any	Grant received	UGC SAP DRS Phase II	Epilepsy and Osteoporosis (Coordinator: Prof. DivyaVohora, Co-coordinator: Dr. A. K. Najmi)	Rs 100.5 lacs (sanctioned)	UGC SAP DRS Phase I	Combination therapy in Epilepsy: Search for suitable adjuncts (Prof. K. K. Pillai/ Prof. DivyaVohora/ Dr. R. Khanam)	Rs 70 lacs		
Funding agency	Project title, if any	Grant received											
UGC SAP DRS Phase II	Epilepsy and Osteoporosis (Coordinator: Prof. DivyaVohora, Co-coordinator: Dr. A. K. Najmi)	Rs 100.5 lacs (sanctioned)											
UGC SAP DRS Phase I	Combination therapy in Epilepsy: Search for suitable adjuncts (Prof. K. K. Pillai/ Prof. DivyaVohora/ Dr. R. Khanam)	Rs 70 lacs											
20.	Research facility/centre with:	Nil											
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	Neurobehavioral Pharmacology Laboratory was created funded by University and University Grants Commission.											
22.	Publications: (last 5 years):	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): 179 • Monographs-NIL • Chapters in Books - 03 • Edited Books-02 • Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers) Details given below <p>Publications: 2015</p> <ol style="list-style-type: none"> 1. Akhtar MS, Pillai KK, Hassan Q, Ansari SH, Ali J, Akhtar M, Najmi AK (2015). Levosimendan suppresses oxidative injury, apoptotic signaling and mitochondrial degeneration in streptozotocin-induced diabetic cardiomyopathy. Clinical and Experimental Hypertension. 24: 1-13. ISSN 1064-1963. (Impact factor 1.52) 2. Alaei M, Najmi AK, Kausar H, Akhtar M (2015). A prospective research study of anti-glaucoma drugs prescribing, utilization pattern and ADR recording in a University Hospital. Drug Res (Stuttg). 65:164-168.(International, IF=0.8) ISSN: 2194-9379 3. Amanullah A., Ekbal R. and Haque S.E (2015). Evaluation of combinational therapy of resveratrol and black tea extract on doxorubicin-induced myocardial infarction in Wistar rats. Journal of Pharmacy Research. 9(9), 581-587. ISSN No. 0974-6943. 4. Amir M, Khan MA, Ahmad S, Akhtar M, Mujeeb M, Ahmad A, Khan SA, Al-Abbasi 											

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 11. Haque S.E., Verma R.K., Khan V., Sharma S. (2015). *Cactus grandiflorus*: A homeopathic remedy for cardiac ailment. *Indian Journal of Pharmacy and Pharmacology*. 2 (1); 74-80. ISSN No. 2393-9079.
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 13. Hassan Q, Akhtar S, Akhtar M, Ansari SH, Ali J, Haque SE, Najmi AK (2015). Benidipine prevents oxidative stress, inflammatory changes and apoptosis related myofibril damage in isoproterenol-induced myocardial infarction in rats. *Toxicol Mech Methods*. 25(1):25-33. ISSN: 1537-6516. (Impact factor: 1.517).
 14. Iqbal A, Kumar R, Ahmad S, Akhtar M, Sharyar M, Iqbal MK, Najmi AK (2015). Intranasal delivery of solid-lipid nanoparticles of pitavastatin for assessment of antiepileptic properties in mice. *World Journal of Pharmaceutical Research*. 4(7):2065-2078. (National) ISSN:2277-7105
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23.	Sl. No.	Authors/ editors (list all)	Title	ISBN	Year of publication	Publishers including city
	1	Khanam R and Vohora D	Epilepsy and cognitive functions: An inverse relationship of the underlying mechanisms.	ISBN 978-1-60692-068-8	2010	Nova Science Publishers
	2.	Dr. Uma Bhandari	A Textbook of Pharmacology	ISBN: 978-93- 80682-02-0	2011	Biotech Pharma Publications, Chennai, India
	3.	Dr. Uma Bhandari	Introduction to Experimental Pharmacology	ISBN: 818974789-4	2010	Birla Publications, Delhi, India
	4.	AbulKalam Najmi	Polypharmacy and its implications	ISBN: 978-81-312-2831-9	2013	Elsevier, a division of Reed Elsevier India Private Limited, New Delhi
	5.	Dr. Manju Sharma	Pharmacovigilance	ISBN: 978-81-312-2831-9	2013	Elsevier, a division of Reed Elsevier India Private Limited, New Delhi
<ul style="list-style-type: none"> • Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) <ul style="list-style-type: none"> ▪ Citation Index – range/average ▪ SNIP-Tabulated Below ▪ SJR-Tabulated Below ▪ Impact Factor – range/average 0.2-7 ▪ h-index -Tabulated Below 						

S.No	Journal Name	Source Normalized Impact Factor (SNIP)	SCImago Journal Rank (SJR)	Impact Factor
1.	Neurotoxicology	1.042	1.107	3.295
2.	Journal of Trace Elements in Medicine and Biology	1.019	0.616	2.323
3.	Pharmaceutical Biology	----- -	0.48	1.241
4.	Neurochemistry International	0.903	1.162	3.092
5.	Journal of Pharmaceutical Innovation	0.565	0.286	1.00
6.	Pharmaceutical Research	1.202	1.173	3.420
7.	Epilepsy & Behavior	0.983	0.947	2.257
8.	Pharmacological Reports	0.820	0.622	1.928
9.	Neurological Sciences	----- -	0.52	1.447
10.	Drug Research	----- --	0.25	0.701
11.	Expert Opinion on Drug Delivery	----- --	1.29	4.840
12.	European Journal of Pharmaceutical Sciences	1.172	0.892	3.463
13.	Canadian Journal of Physiology and Pharmacology	----- -	0.61	1.770
14.	Brain Research	0.899	1.275	2.998
15.	OA Medical Hypothesis	-----	-----	-----
16.	European Journal of Pharmaceutical Sciences	1.172	0.892	3.463
17.	Journal of Drug Delivery and Therapeutics	-----	-----	-----
18.	Human & Experimental Toxicology	-----	0.54	1.747
19.	Behavioural Brain Research	0.923	1.376	3.298
20.	Asian Journal of Pharmaceutical and Clinical Research	0.786	0.400	0.710
21.	Fundamental & Clinical Pharmacology	-----	0.62	2.121
22.	British Journal of Pharmacology	----- --	1.84	4.842
23.	CNS Neuroscience & Therapeutics	----- --	1.39	3.93
24.	The Open Conference Proceedings Journal	----- -	----- -	-----
25.	Neuroscience	0.943	1.499	3.415
26.	Frontiers in Systems Neuroscience	-----	1.73	-----
27.	Annals of Indian Academy of Neurology	-----	0.27	0.599
28.	Journal of Pharmacy and Bioallied Science	-----	0.30	-----
29.	CNS & Neurological Disorders - Drug Target	----- --	0.92	3.148
30.	Bone	1.525	1.469	4.312
31.	Biomedical Chromatography	----- --	0.59	316 1.723
SN.	NAME OF JOURNAL	SNIP	SJR	IMPACT FACTOR
1.	International Journal of Medicine and			

24.	Details of patents and income generated:	NIL		
25.	Areas of consultancy and income generated:	Nil		
26.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	Nil		
27.	<p>(i) National committees</p> <ul style="list-style-type: none"> • Prof. DivyaVohora is Member, Executive Committee, International Society of Pharmacoeconomics and Outcomes Research (ISPOR), India chapter • Prof. DivyaVohora is Advisory Board, Marks Man Healthcare Solutions <p>(ii) International committees</p> <ul style="list-style-type: none"> • Prof. DivyaVohora was appointed as an Expert Member for reviewing research grants received by National Science Center, Krakow, Poland • Prof. DivyaVohora served as Member, Science Advisory Board (SAB), BIT 1st Annual Meeting of Neurotalk, June 25-28, Singapore <p>(iii) Editorial Boards of journals</p> <ul style="list-style-type: none"> • Prof. DivyaVohora is Member, Editorial Board, Behavioral Neurology, Impact factor: 1.3 • Prof. DivyaVohora is Member, Editorial Advisory Board, <i>Current Psychopharmacology</i> (ISSN: 2211-5560), a Bentham Science Journal • Prof. DivyaVohora is Member, Editorial Board, <i>Recent Patents on CNS drug discovery</i> (ISSN: 1574-8898 print, 2212-3954 online), a Bentham Science Journal • Member, Editorial Board, <i>World Journal of Orthopaedics</i>(ISSN: 2218-5836) • Member, Editorial Board, <i>American Journal of Experimental Biology</i> (ISSN: 2375-7663) • Dr. AbulKalamNajmi: Editorial Board member- Journal of Pharmacy and Bioallied Sciences 			
28.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):			
Name of faculty member		Title of programme	Institution where attended	Duration (dates)
Prof. Divya Vohora		National Workshop on Research Methodologies for Women Scientists	AIIMS, New Delhi	October 3-7, 2011
Prof. Divya Vohora		Workshop on Recent Changes in the Regulatory Scenario	Jamia Hamdard, New Delhi	April 10, 2013

		of India		
	Dr. Abul Kalam Najmi	AICTE sponsored QIP - XV (Continued Pharmaceutical Education-CPE)	DIPSAR- New Delhi	One week (17-21 Oct, 2011)
	Dr. Mohd Akhtar	QIP: Recent Advances in Pharmacology and Therapeutics	Delhi Institute of Pharmaceutical Sciences and Research (DIPSAR)	February 20 th to March 5 th 2015
	Mohd Akhtar	Faculty Development Programme for senior faculty members	Jamia MillaIslamia	December 08-13, 2014.
29.	Student projects:	<ul style="list-style-type: none"> percentage of students who have done in-house projects including inter-departmental projects: 90% percentage of students doing projects in collaboration with other universities/ industry/institute 10% 		
30.	Awards /recognitions received at the national and international level by:			
	<p><u>DivyaVohora</u> Doctoral/post doctoral fellows</p> <p>Mr. Malay Bhowmik was awarded third prize for the poster paper [Bhowmik M, Yazdani MA, Khanam R and Vohora D “<i>Comparative evaluation of aripiprazole with nafadotride and haloperidol on ethanol induced conditioned place preference and striatal dopamine in mice</i>”] presented in <i>National Symposium on Translational Research in New Drug Development</i>, Jan 12-13, Vallabhkhai Patel Chest Institute, University of Delhi.</p> <p>Mr. Abul Kalam was awarded Best poster for the paper [Kalam A, Anwar MJ, Radhakrishnan KV, Vohora D. “<i>Phenytoin and sodium valproate but not levetiracetam produces alterations in bone mineral density and bone turnover markers in female mice</i>”] presented in <i>6th International Conference on IACS and Recent Advances in Cardiovascular Sciences</i>, Jan 31-1 Feb, DIPSAR, New Delhi.</p> <p>Students Malay Bhowmik, PhD Scholar under Prof. DivyaVohora was awarded Junior Research Fellowship by UGC, New Delhi.</p> <p>Dr. AbulKalamNajmi 1. Excellence in Research Award 2013 awarded by Academic Brilliance Awards Committee</p> <p>Dr. Mohd Akhtar: 1. Recipient of 2nd Academic Brilliance Awards 14 for Excellence in research presented by Education Expo 2014</p> <p>OTHER</p> <ul style="list-style-type: none"> Prof. DivyaVohora was awarded travel grants by DST and ICMR for attending Annual 			

	<p>meeting of British Pharmacological Society at London, UK from December 16-18, 2014.</p> <ul style="list-style-type: none"> • Mr. Malay Bhowmik, PhD Scholar under Prof. DivyaVohora was awarded travel grants by DST and BPS to attend Annual meeting of British Pharmacological Society at London, UK from December 16-18, 2013 • Dr. Abul Kalam Najmi Received International Travel Grant from AICTE to attend Frontiers in CardioVascular Biology Congress 2012, LONDON, United Kingdom, 29 March-01 April 2012. • Dr. Abul Kalam Najmi Received International Travel Grant from UGC to attend European Society of Cardiology Congress 2011 held at PARIS, France from 27-31 August, 2011. 				
31.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:				
	Serial No.	Title Seminars/Conferences/Workshops	Dates	No. of Participants	Outstanding participants (keynote, speakers, eminent scientist/academicians)
	1	UGC-SAP funded National Symposium on Epilepsy: Recent Advances in Drug Discovery & Treatment (Organizing Secretary: Prof. DivyaVohora, Dr. R. Khanam, Dept. Pharmacology)	13 th February 2010	200	Chief Guest: Dr. V. M. Katoch, Director General, ICMR Guest of Honour: Prof. Y. K. Gupta Speakers: Dr. M. M. Mehndiratta, G. B. Pant Hospital, Prof. Satish Jain, Director, Indian Epilepsy Center Prof. ManjariTripathi, Dept. Neurology, AIIMS, New Delhi
32.	Code of ethics for research followed by the departments:	Helsinki Declaration Guidelines, CPCSEA Guidelines, ICMR Guidelines for Clinical research. IRB and IAEC.			
33.	Student profile programme-wise: Dean office				
34.	Diversity of students: Dean office				
	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries
35.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other	<p>GPAT: M. Pharm Students Current <u>GPAT-M.Pharm II Semester (II semester)- Pharmacology</u></p> <ol style="list-style-type: none"> 1. Aamir Khan 2. Anzer Hussain 3. Kanupriya 			

	<p>competitive examinations? Give details category-wise.:</p>	<p>4. Khadeeja Khan 5. Kritika Soni 6. Mohd. Qamar Alam 7. Mohd. Shahzaib 8. Neeta Joshi 9. Nidhi 10. Nikita Nirwan 11. Pooja Verma 12. Shadab Ghazi Khan</p> <p><u>GPAT- M. Pharm. IV Semester (Pharmacology)</u></p> <p>1. Abdul Samad Basheer 2. Aisha Siddiqui 3. Aashyana Parwin 4. Ayesha Sultan 5. Fateh Zaidi 6. Himani Joshi 7. Kriti Malik 8. Karnika Sharma 9. Mohd. Rashid Iqbal 10. Md. Tausif 11. Mohd. Suhaib Azim 12. Ravisha Wadhwa 13. Priyanka Bansal 14. Sakshi Sachdeva 15. Sadia Shah 16. Sayima Nabi</p> <p>NET NIL</p>																	
<p>36.</p>	<p>Student progression:</p>	<p>Student progression</p>	<p>Percentage against enrolled</p> <table border="1"> <tr> <td>UG to PG</td> <td>35%</td> </tr> <tr> <td>PG to M.Phil.</td> <td>-</td> </tr> <tr> <td>PG to Ph.D.</td> <td>50-60%</td> </tr> <tr> <td>Ph.D. to Post-Doctoral</td> <td>5%</td> </tr> <tr> <td>Employed</td> <td>25%</td> </tr> <tr> <td>• Campus selection</td> <td>25%</td> </tr> <tr> <td>• Other than campus recruitment</td> <td></td> </tr> <tr> <td>Entrepreneurs</td> <td>-</td> </tr> </table>	UG to PG	35%	PG to M.Phil.	-	PG to Ph.D.	50-60%	Ph.D. to Post-Doctoral	5%	Employed	25%	• Campus selection	25%	• Other than campus recruitment		Entrepreneurs	-
UG to PG	35%																		
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PG to Ph.D.	50-60%																		
Ph.D. to Post-Doctoral	5%																		
Employed	25%																		
• Campus selection	25%																		
• Other than campus recruitment																			
Entrepreneurs	-																		
<p>37.</p>	<p>Diversity of staff:</p>	<p>Percentage of faculty who are graduates</p> <table border="1"> <tr> <td>of the same university</td> <td>50%</td> </tr> <tr> <td>from other universities within the State</td> <td>40%</td> </tr> <tr> <td>from universities from other States</td> <td>10%</td> </tr> <tr> <td>from universities outside the country</td> <td>-</td> </tr> </table>		of the same university	50%	from other universities within the State	40%	from universities from other States	10%	from universities outside the country	-								
of the same university	50%																		
from other universities within the State	40%																		
from universities from other States	10%																		
from universities outside the country	-																		
<p>38.</p>	<p>Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt.</p>	<p>NIL</p>																	

	during the assessment period:																																																																																																									
39.	Present details of departmental infrastructural facilities with regard to	<p>(i) Library: Faculty library is shared among the four department of the Faculty.</p> <p>(ii) Internet facilities for staff and students: Available</p> <p>(iii) Total number of class rooms: Faculty has 8 classrooms shared among the four departments.</p> <p>(iv) Class rooms with ICT facility: 04</p> <p>(v) Students' laboratories: 03</p> <p>(vi) Research laboratories : 03</p>																																																																																																								
40.	List of doctoral, post-doctoral students and Research Associates:																																																																																																									
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	19	Aaliya Mufti	SFS	28/08/2012	Dr. Nidhi
	20	Dr Rachna Arora	SFS (Ranbaxy)	28/08/2012	Dr. Tausif Monif
	21	Abhishank Singh	General (Ranbaxy sponsored)	28/08/2012	Prof. S. Dwivedi
	22	Dr. Ankur Arora	General (Ranbaxy sponsored)	28/08/2012	Dr. R.K. Jalali
	23	Md. Akbar	General	01/11/2013	Dr. Uma Bhandari
	24	Rashid Ali Khan	General	01/11/2013	Dr.Uma Bhandari
	25.	Bushra Parveen	General	01/11/2013	Prof.Divya Vohora
	26.	Himanshu Sharma	Ranbaxy sponsored	20/11/2013	Dr.R.K.Jalali
	27.	Neelam Kaushal	SFS (Ranbaxy)	25/11/2013	Dr.R.K.Jalali
	28.	Rajesh Ranjan	SFS	05/11/2013	Dr. Amit Marwah
	29.	Asheesh Sachdeva	General (Ranbaxy sponsored)	28/10/2014	Prof.Divya Vohora
	30	Dr. Pankaj Bablani	Industry sponsored	30/10/2014	Dr.Manju Sharma
	31	Kanchan Tyagi	SFS (Ranbaxy)	14/10/2015	Dr. Nidhi
	32	Lalit K. Khurana	SFS (Ranbaxy)	14/10/2015	Dr. Manju Sharma
	33	Manoj Kumar	General	28/10/2014	Prof.Divya Vohora
	34	Ramsha Iqbal	General	08/10/2014	Prof.Divya Vohora
	35	Rizwana Parveen	SFS	29/10/2014	Dr. Nidhi
41.	Number of post graduate students getting financial assistance from the university.:		NA		
42.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:		NA		
43.	Does the department obtain feedback from:		(i) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?		

		(ii) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? (iii) Alumni and employers on the programmes offered and how does the department utilize the feedback?		
44.	List the distinguished alumni of the department (maximum 10):			
	Name	Course	Batch	Present position and affiliation
	Shabbir Rangwala	M. Pharm Pharmacology	1999	Vice President, Clinical Development at INC Research
	Swati Srivastava	M. Pharm Pharmacology	1997	Assistant Drugs Controller, India
	Jamal Anwar Beg	PhD Pharmacology	2010	Country Head, Pharmacovigilance
	Rajkumar Shirumalla	M. Pharm Pharmacology	1996	Director, Daichi Sankyo
	Asif Ali Siddiqui	M. Pharm Pharmacology	1998	GMA leader at Hoffman La Roche, New Zealand
	Tanvir Kaur Gill	PhD Pharmaceutical Medicine	1999	Sr Project Manager at Cognizant Technology Solutions
	RenukaMarwah	M. Pharm Pharmacology	1998	Lead Compliance Specialist Asia-Pac, Global Quality and Regulatory Compliance at Bristol-Myers Squibb
	Dr. Shahid Kareem	PhD PharmMed	2004	Professor Qassim University
	D. Mallikarjuna Rao	PhD Pharm Med	2005	Director Regulatory Affairs, Dr. Reddy's Laboratories
45.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	Seminars/Lectures by Prof N Tandon, Prof HS Rehan, MrGabreil <ul style="list-style-type: none"> 6th May 2014, Mr. D. C. Gabriel, K & S Partners (Introduction to IPR, patent laws, processing of patenting a research finding, copyright cyber laws 30th November 2013, Mr. D. C. Gabriel (Patents: Definition, objective, Indian Patent Act 2004, Impact on Pharmaceutical Industry- Global and Indian; Product Patents) 		
46.	List the teaching methods adopted by the faculty for different programmes:	Tutorials, Seminars, Lectures, Individual interactions		
47.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	End term Evaluation, Examinations, Sessional Examinations, PCI and AICTE inspects and ensures that the courses are run as per their requirements		
48.	Highlight the participation of students and faculty in extension activities.	Participated in Swatch Bharat Abhiyan (02 October and 14 October)		
49.	Give details of “beyond	Seminars on recent developments		

	syllabus scholarly activities” of the department.	
50.	State whether the programme/department is accredited/graded by other agencies? If yes, give details.:	University is accredited by NAAC
51.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	<p>Department is well equipped with advanced instrumentation facilities like UV spectrophotometer, Analgesiometer, Active Passive Avoidance Apparatus, Electroconvulsimeter, Non-invasive BP Recorder, VideopathAnalyser, Color Doppler, Coagulation Analyser, Feeding Monitor etc. Currently department has on-going research grants worth more than two crores from various funding agencies DST, ICMR, UGC, CSIR, AICTE, AYUSH including UGC-SAP Phase II support of more than one crore rupees. The research scholars of the department have ongoing fellowships from CSIR-SRF, CCRAS-SRF, UGC-MANF, SAARC Scholarship scheme, and DST-Inspire fellowship.</p> <p>Department has published more than 125 research papers in various national and international journals with high impact factors like International Journal of Cardiology (IF 6.8), British Journal of Pharmacology (IF 4.9). Expert Opinion and Therapeutic Targets (IF 4.9), CNS Neuroscience and Therapeutics (IF 3.6), Neuroscience IF 3.2), European Journal of Pharmaceutical sciences (3.6), J Clinical Pharmacology (IF 3.0) to name a few.</p> <p>Faculty members of the department have received various awards and recognitions for their work like DST travel grant, Nature’s Travel Grant on lipoprotein Metabolism, Shiksha Rattan Puraskar along with Certificate of Excellence by India International Friendship Society, Chandra KantaDandiya Prize for Best published paper in Pharmacology, Prof. DuggiralaVisweshwaram and Prof. SreemantulaSatyanaryana award for best paper in Pharmacology, Uppsala Best Paper Award by Society of Pharmacovigilance etc.</p> <p>Faculty members of the department have presented their work in various national and international Conferences and Symposia like 2nd World Congress on Targeting Microbiota Paris, France 2014, Annual Meeting of British Pharmacological Society, London, UK, 2014, IUPHAR’s World Congress of Pharmacology, Germany 1998, USA 2006, Denmark 2010, Annual Meeting of European College of Neuropsychopharmacology France 2006, Malaysian Society of Physiology and Pharmacology Scientific Meeting Kaula Lumpur 2007, European Society of Cardiology Congress, France 2011, Frontiers in Cardiovascular Biology, UK, 2012, Annual Meeting of Neurotalk Singapore 2010, Third International Symposium on Pharmacology of Natural Products' (FAPRONATURA 2012) held at Havana, Cuba, IBRO World Congress of Neuroscience 2007, Australia etc.</p>
52.	Detail five major Strengths, Weaknesses, Opportunities	a. Strengths

	<p>and Challenges (SWOC) of the department.:</p>	<p>1.Excellent Faculty with good track record 2.Department funded by UGC-SAP 3.Computational Facility 4.Funding from AICTE, UGC, ICMR, DST 5.Publications in high impact factor journals</p> <p>b. Weaknesses</p> <p>1.Lack of drug discovery program by Pharmaceutical companies</p> <p>c. Opportunities</p> <p>1.Continued effort for interdisciplinary research and teaching 2. Work with new funding sources 3. Tie-up with Pharmaceutical Chemistry and Pharmaceutics department</p> <p>d. Challenges</p> <p>1. Dwindling funds from traditional sources 2. Pharma sector not doing well affecting placement</p>
<p>53.</p>	<p>Future plans of the department:</p>	<p>Development and establishment of preclinical and clinical pharmacokinetics Laboratory and Cell Culture Laboratory are under consideration.</p>

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	PHARMACEUTICAL CHEMISTRY				
2.	Year of establishment:	1986				
3.	Is the Department part of a School/Faculty of the university?	Yes, Faculty of Pharmacy				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	i. D. Pharm ii. B. Pharm iii. PG (M. Pharm. Pharmaceutical Chemistry & Pharmaceutical Analysis) iv. Ph.D. (Pharmaceutical Chemistry & Pharmaceutical Analysis)				
5.	Interdisciplinary programmes and departments involved:	<u>Pranav Kumar Pandey</u> : Ph.D. Student (MoU Category) enrolled in Faculty of Engineering & Interdisciplinary Sciences (FEIS) <u>Supervisor</u> : Dr. Bahar Ahmed, Dept of Pharm. Chemistry, JH <u>Co- Supervisor</u> : Dr. Haider A Khan, Dept of Medical Elementology and Toxicology, JH <u>Co- Supervisor</u> : Dr. Madhu Bala, Division of Radiation Biology, INMAS, DRDO, Delhi-54				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA				
7.	Details of programmes discontinued, if any, with reasons:	NA				
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	D. Pharm. (Annual system) B. Pharm & M. Pharm. (Semester System)				
9.	Participation of the department in the courses offered by other departments:	<ul style="list-style-type: none"> • Dr. M. Shahar Yar: Coordinator; Department of Food Technology • Dr. Mymoona Akhter: Deputy Coordinator; Department of Bioinformatics • Pharmaceutical Analytical Technique • Ph D course work 				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):	Sanctioned	Filled	Actual (including CAS & MPS)		
Professor		03	03	03		
Associate Professors		03	03	03		
Assistant Professors		06	06	06		
Others		---	---	---		
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of	No of Ph.D. Students

					Experience	Guided for the last 5 years
	Anees Siddiqui A	M. Pharm.; Ph.D.	Head & Professor	Synthesis and biological activity of Pyridazinone/pyridazine derivatives	34	03 [awarded] 02 [ongoing]
	Nadeem Siddiqui	M.Sc.; Ph.D.	Professor	Design and synthesis of anticonvulsant agents	25	03 [awarded] 01 [ongoing]
	M. Amir	M. Sc.; Ph.D.	Professor	Medicinal Chemistry	26	01 [awarded] 03 [ongoing]
	Bahar Khan A	M.Sc.; Ph.D.	Associate Professor	Chemistry of Natural Products: Antihepatotoxic Activity; Synthetic Organic Chemistry, Antihypertensive Activity; Nanochemistry	30	02 [awarded] 01 [ongoing]
	Gita Chawla	M. Pharm.; Ph.D.	Associate Professor	Pharmaceutical Chemistry	20	02 [awarded]
	Sandhya Bawa	M. Pharm.; Ph.D.	Associate Professor	Design and synthesis of different heterocyclic compounds and their biological evaluation	19	02 [awarded] 02 [ongoing]
	Asif Husain	M. Pharm.; Ph.D.	Assistant Professor	Pharmaceutical Chemistry	17	01 [awarded] 02 [ongoing]
	Mymoona Akhter	M. Pharm.; Ph.D.	Assistant Professor	Medicinal Chemistry	16	01 [awarded] 04 [ongoing]
	M. Shahar Yar	M. Pharm.; Ph.D.	Assistant Professor	Medicinal Chemistry	16	06 [awarded] 04 [ongoing]
	M. Mumtaz Alam	M. Pharm.; Ph.D.	Assistant Professor	Computational and Synthesis of Heterocyclic moieties for anticancer & antimalarial activity	12	01 [awarded] 01 [ongoing]
	Ozair Alam	M. Pharm.; Ph.D.	Assistant Professor	Molecular modeling and synthesis of heterocyclic derivatives as antidiabetic & anticancer agents	09	03 [ongoing]
	M. Shaquiquzaman	M.Pharm., Ph.D.	Assistant Professor	Medicinal Chemistry	09	01 [ongoing]
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		NIL			
13.	Percentage of classes taken		NA			

	by temporary faculty – programme-wise information:						
14.	Programme-wise Student Teacher Ratio:		Programme	Student teacher ratio			
			D. Pharm	17:1			
			B. Pharm	40:1			
			M. Pharm	3:1			
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation		Sanctioned	Filled/actual		
		Senior Technical Assistant		01	01		
		Technical Assistant		01	01		
16.	Research thrust areas as recognized by major funding agencies:	iii.	Anticonvulsant agents; Neuropsychopharmacological Investigations; Antidepressant; Anxiolytic;				
		iv.	Antihepatotoxic Activity; Liver Protecting Drugs;				
		v.	Nanochemistry;				
		vi.	Anti-inflammatory agents;				
		vii.	Anti-microbial;				
		viii.	Prodrugs and mutual prodrugs;				
		ix.	Anticancer agents;				
		x.	Antitubercular agents;				
		xi.	Antihypertensive and Diuretic activity				
		17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:	Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure	Grant received
				Prof. M. Amir	Design, synthesis and biological evaluation of novel nonsteroidal nitric oxide donors as anti-inflammatory agents	UGC-MRP 26-03-2009 to 31-08-2012	Rs. 6,00,000
Dr. Bahar Ahmed	Antihypertensive activity and testing of safety profiles of novel heterocyclic compound and the process of preparation thereof			UGC-MRP 29-06-2011 to 28-06-2014	Rs. 10,00,000		
Dr. M ShaharYar	Synthesis and Evaluation of <i>In vitro</i> Anti cancer activity of schiff base linked Quinazolines			UGC-MRP 23-07-2012 to 31-12-2015	Rs. 10,22,400		
Dr. M ShaharYar	Computer Aided Molecular Modeling and Synthesis of New Heteroaryl Linked Benzimidazoles as Anticancer Agents			AICTE-RPS 18-12-2013 to 17-12-2016	Rs. 10,00,000		
Dr Asif Husain	Studies on novel heterocyclic and fused heterocyclic system: Search for potential Antitubercular and Anticancer agents.			UGC –MRP 26-03-2009 to 25-03-2012	Rs. 10,06,000		

	Dr Asif Husain	Prodrugs and mutual prodrugs of some antimicrobial and non-steroidal anti-inflammatory drugs: Synthesis, Pharmaceutical and Biological evaluation	DST-Fast Track 23-07-2007 to 25-05-2011	Rs. 10,42,000
	Dr. Mymoona Akhtar	Synthesis of novel heterocyclic agents, their molecular studies and their anti-mycobacterial activity	AICTE 2011 -14	Rs. 10,50,000
	Dr. Mymoona Akhtar	Development of herbal formulation from drugs used in unani system of medicine for acne vulgaris	CCRUM-EMR 08-02-2011 to 07-02-2014	Rs. 12,00,000
	Dr. Mymoona Akhtar	Induction of apoptosis in cancer cells by novel synthetic five membered heterocyclic agents	AICTE-RPS 31-03-2011 to 30-03-2014	Rs. 10,00,000
	Dr. Mymoona Akhtar	Design and development of Antimalarial Agents: their synthesis, biological evaluation and SAR Studies	UCG-MRP 2009-2012	Rs. 9,75,000
	Dr. Mymoona Akhtar	Computational design of some novel, non pteridine analogs as selective mycobacterium tuberculosis dihydrofolate reductase inhibitors	DBT 26-02-2013 to 25-02-2016	Rs. 40,60,000
	Dr. Mymoona Akhtar	Design, Synthesis and Characterization of Some Novel DPP-IV Inhibitors as Anti Diabetic Agents	DST-Fast Track 10-02-2012 to 09-02-2015	Rs. 22,80,000
	Dr. Mumtaz Alam	Pyrazoline derivatives: a new scaffold as antimalarial: It's synthesis, 3D-QSAR and antimalarial activity	UCG-MRP 30-07-2012 to 31-12-2015	Rs. 9,87,800
	Dr. Ozair Alam	Pharmacophore Based Designing And Synthesis Of Newer Thiazolidinedione Derivatives As Ppar γ Agonist : Search For Antidiabetic Agents	DST-Fast Track 26-04-2013 to 25-04-2016	Rs. 26,62,500
18.	Inter-institutional collaborative projects and associated grants received:	(i) National collaboration: IGIB, New Delhi; Pharmacopeia lab, Ghaziabad; Sun Pharma Ltd, Gurgaon; Jubilant, NOIDA; Dabur, Sahibabad; CDRI, Lucknow; CIMAP, RRL Jammu; NII, Delhi; Lucknow University, UP; DIPSAR, Delhi (ii) International collaboration: NCI (USA); NIH (USA); Rega Institute for Medical research, Belgium		
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	NA		

20.	Research facility/centre with:	Nil
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	None
22.	Publications: (last 5 years):	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): 232 • Monographs: 12 • Chapters in Books: Nil • Edited Books: Nil • Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers): 6 • SNIP : Tabulated below • SJR : Tabulated below • h-index: Tabulated below <p>Publications:</p> <p>[2015]</p> <ol style="list-style-type: none"> 12. J Alam, O Alam, R Ali, MJ Naim, SA Khan (2015) Synthesis and anti-inflammatory activity of some new thiadiazole linked pyrazole benzene sulphonamides as cyclooxygenase inhibitors Oriental Journal of Chemistry. 31(4) 2052-2062. ISSN: 0970 - 020X, IF: 0.578. 13. MJ Naim, O Alam, F Nawaz, J Alam, P Alam (2015) Current status of pyrazole and its biological. Journal of Pharmacy And Bioallied Sciences. DOI:10.4103/0975-7406.171694, ISSN:0976-4879. 14. MJ Naim, O Alam, F Nawaz (2015) Recent target based discovery of anti-diabetic agents. International Journal of Pharmaceutical Sciences and Research. 6(11):4544-4554, ISSN: 0975-8232. 15. JM Alam, O Alam, P Alam, MJ Naim (2015) A review on pyrazole chemical entity and biological activity. International Journal of Pharma Sciences and Research.6 (12): 1433-1442. ISSN: 975-9492. 16. JM Alam, O Alam, N Shrivastava, MJ Naim, P Alam (2015) Pyrimidine candidate as promising scaffold and their biological evaluation International Journal of Pharmacology and Pharmaceutical Sciences. 2(4): 55-69. ISSN 2394-613X. 17. M Amir, MW Akhter, O Alam (2015) Synthesis, characterization, and biological evaluation of furoxan coupled ibuprofen derivatives as anti-inflammatory agents, Monatshefte für Chemie 1-16 ISSN 1434-4475; IF: 1.22. 18. MR Ali, S Kumar, O Afzal, N Shalmali, M Sharma, S Bawa (2015) Development of 2-(Substituted Benzylamino)-4-Methyl-1,3-Thiazole-5-Carboxylic acid derivatives as Xanthine Oxidase Inhibitors and Free Radical Scavengers. Chemical Biology Drug Design, doi10.1111/cbdd 12686; ISSN: 1747-0285; IF: 2.48. 19. R Ali, S Kumar, O Afzal, S Bawa (2015) In-vitro antimicrobial screening and molecular docking studies of synthesized 2-chloro-N-4(phenylthiazol-2-yl)acetamide derivatives. Drug Development and Therapeutics, 6(2), 79-87; ISSN: 2394-2002. 20. S Kumar, R Agarwal, S Bawa (2015) Comparative atom based 3D QSAR study of 3-Nitro-1H-1,2,4-triazole-based Aliphatic and Aromatic Amines analogs for its anti-trypanosomal

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221. **M Shaquiquzzaman**, S A Khan, M Amir, M M Alam (2011). Anti-inflammatory-antimicrobial studies of newly synthesized 3-arylidene-1-phenyl-indolin-2-one derivatives. *Journal of Pharmacy Research*, 4(3), 668-670, ISSN 0974-6943; IF-2.97.
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2. **Mymoona Akhter**, Sandeep Srivastava (2011). Synthesis of some new 2-(4-(5-phenyl-4,5-dihydro-1h-pyrazol-3-Yl) phenoxy) aceto hydrazidederivatives and their biological activity. In: Proceeding of “New Horizons in Drug Discovery and development, Jamia Hamdard, New Delhi, 17th-18th September”, Javed Ali, Mohammad Shahar Yar, Ambrin Fatima, Shoukat R Mir, *International Journal of Pharma and Biosciences, India*, 1-78; ISBN 0975-6299; IF= 0.67
3. R Saha, O Tanwar, A Marella, M. M. Alam, **Mymoona Akhtar** (2011). Pharmacophore mapping of sulfo transferase inhibitors using V-life software. In: Proceeding of “New Horizons in Drug Discovery and development, Jamia Hamdard, New Delhi, 17th-18th September”, Javed Ali, Mohammad Shahar Yar, Ambrin Fatima, Shoukat R Mir, *International Journal of Pharma and Biosciences, India*, 1-78; ISBN 0975-6299; IF= 0.67.
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Monograph

1. **M Shahar Yar**, S H Ansari, Iram Nazish, K J Naquvi 2013. Monograph on *Acalypha indica* Linn. 11. Quality Standards of Indian Medicinal Plants. ICMR, New Delhi, 28-40.
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	<p>(Linn.) Corr. (Fruit), 12. Quality Standards of Indian Medicinal Plants. ICMR, New Delhi, 69-78.</p> <p>5. M Shahar Yar, S H Ansari, Iram Nazish, K J Naquvi 2014. Monograph on <i>Desmodium gangeticum</i> (Linn.) DC. (Fruit), 12. Quality Standards of Indian Medicinal Plants. ICMR, New Delhi, 216-226.</p> <p>6. M Shahar Yar, S H Ansari, Iram Nazish, K J Naquvi 2014. Monograph on <i>Heliotropium indicum</i> Linn., 12. Quality Standards of Indian Medicinal Plants. ICMR, New Delhi, 276-288.</p> <p>7. M Shahar Yar, S H Ansari, Iram Nazish, K J Naquvi 2014. Monograph on <i>Lilium polyphyllum</i> d. Don ex Royle, 12. Quality Standards of Indian Medicinal Plants. ICMR, New Delhi, 307-313.</p> <p>8. M Shahar Yar, S H Ansari, Iram Nazish, K J Naquvi 2014. Monograph on <i>Merremia tridentate</i> (Linn.) Hall.f., 12. Quality Standards of Indian Medicinal Plants. ICMR, New Delhi, 324.</p> <p>9. M Shahar Yar, S H Ansari, Iram Nazish, K J Naquvi 2014. Monograph on <i>Cinnamomum zeylanicum</i> Nees (Oil), 12. Quality Standards of Indian Medicinal Plants. ICMR, New Delhi, 135-141.</p> <p>10. M Shahar Yar, S H Ansari, Iram Nazish, K J Naquvi 2014. Monograph on <i>Cucumis melo</i> Linn. Var. <i>utilissimus</i> Duthie & Fuller, 12. Quality Standards of Indian Medicinal Plants. ICMR, New Delhi, 162-169.</p> <p>11. M Shahar Yar, S H Ansari, Iram Nazish, K J Naquvi 2014. Monograph on <i>Cucumis sativus</i> Linn, 12. Quality Standards of Indian Medicinal Plants. ICMR, New Delhi, 170-178.</p> <p>12. M Shahar Yar, S H Ansari, Iram Nazish, K J Naquvi 2014. Monograph on <i>Pavonia odorata</i> Willd, 12. Quality Standards of Indian Medicinal Plants. ICMR, New Delhi, 281-284.</p> <p>Edited Books Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers)</p>				
S. No.	Authors/editors (list all)	Title	ISBN	Year of publication	Publishers included
1	Varshney M M, Husain A.	A Text book of Medicinal Chemistry (1-238)	ISBN-978-93-84588-27-4	2015	IK International Publishers, New Delhi.
2	Husain A, Siddiqui S, Siddiqui A A.	Advanced Entrance Guide for Pharmacist Exam (1-1021)	ISBN-93-8426604-3	2015	Birla Publications Pvt. Ltd., New De
3	Anees A. Siddiqui.	Precise chemistry of natural products and heterocyclic compounds,	ISBN: 978-81-239-2375-8	2014	CBS Publisher, Darya Ganj, New Delhi-11000
4	Anees A. Siddiqui.	Introduction to organic mass spectrometry	ISBN: 978-81-239-1937-9	2011	CBS Publisher, Darya Ganj, New Delhi-11000
5	Anees A. Siddiqui and Seemi Siddiqui.	Experimental Pharmaceutical Chemistry	ISBN: 978-81-239-2259-1	2013	CBS Publisher, Darya Ganj, New Delhi-11000
6	M M Alam, M Akhter, A Husain, M Shaquiquzzaman	Practical Phamaceutical Analytical Chemistry			
Book/ Chapter Nil					
SNIP/SJR/IMPACT FACTOR					

S.no.	Journal Name	Source Normalized impact factor (SNIP)	SCIImago Journal Rank (SJR)	Impact factor
1	Oriental Journal of Chemistry	0.578	0.27	0.479
2	Journal of Pharmacy And Bioallied Sciences	-----	0.308	-----
3	International Journal of Pharmaceutical Sciences and Research	-----	-----	(1.79)
4	International Journal of Pharma Sciences and Research.	-----	-----	-----
5.	International Journal of Pharmacology and Pharmaceutical Sciences	-----	-----	-----
6	MonatsheftefürChemie	-----	0.332	1.22
7	Chemical Biology and Drug Design	-----	0.72	2.485
8	Drug Development and Therapeutics	-----	0.385	-----
9	Medicinal Chemistry Research	-----	0.41	1.402
10	Bulgarian Chemical Communications	0.241	0.16	0.349
11	International Journal of Pharmaceutical Chemistry and Analysis	-----	-----	-----
12	Bioorganic Medicinal Chemistry Letter	0.859	0.821	2.420
13	RSC Advances	0.89	1.03	3.84
14	International Research Journal of Pharmacy			0.751
15	Journal of Taibah University Medical Sciences	0.187	0.120	-----
16	. European Journal of Medicinal Chemistry	1.611	1.004	3.447
17	Journal of Enzyme Inhibition and Medicinal Chemistry	-----	0.60	2.332
18	Bangladesh Journal of Pharmacology	-----	0.33	1.052
19	Journal of Saudi Chemical Society	1.338	0.421	2.523
20	Archiv der Pharmazie, Chemistry in life sciences	-----	0.49	1.531
21	Medicinal Chemistry	-----	0.38	1.363
22	International Journal of Advanced Research	-----	-----	-----
23	Medicinal chemistry research	-----	0.41	1.402
24	World Journal of Pharmacy and pharmaceutical Sciences	-----	-----	-----
25	Bulletin of Pharmaceutical Research	-----	-----	0.7851
26	American Journal of	-----	0.21	-----

	Pharmacology and Toxicology			
27	The Scientific World Journal	-----	0.35	1.219
28	Anticancer Agents in Medicinal Chemistry	-----	-----	2.469
29	International Journal of Current Pharmaceutical Research	-----	-----	-----
30	International Journal of Pharmacy and Pharmaceutical Sciences	-----	0.30	-----
31	Int. Journal of Pharmacognosy and Phytochemistry	-----	-----	-----
32	International Journal of Drug Development & Research	-----	0.25	0.21
33	Expert Opinion in Drug Metabolism and Toxicology	-----	0.80	2.831
34	International Journal of Pharmaceutical Sciences Letters	-----	-----	0.507
35	Indian Journal of Natural Products and Resources	-----	0.234	-----
36	International Journal of Advance Research in Chemical Science	-----	-----	(2.068)
37	Mini-Reviews in Medicinal Chemistry	-----	0.67	2.903
38	Journal of Pharmacy Research	-----	0.19	
39	Arabian Journal of Chemistry	1.489	0.523	3.725
40	Indian Journal of Chemistry	-----	0.22	0.387
41	Journal of Pharma Research	-----		-----
42	Current Enzyme Inhibition	-----	0.19	-----
43	Journal of Advanced Bioinformatics Applications and Research	-----	-----	-----
44	Journal of Molecular Modeling	-----	0.47	1.736
45	Bioorganic & Medicinal Chemistry Letters	0.859	0.821	2.420
46	Antimicrobial agents and chemotherapy	-----	2.01	4.476
47	BioMed research international	-----	0.61	1.579
48	Journal of Pharmaceutical Analysis	0.720	0.360	
49	Drug testing and analysis	-----	0.73	2.506
50	International Journal of Pharmaceutical Technology and Research	-----	-----	-----
51	Der Pharmacia Letter	-----	0.26	-----
52	Letters in Drug Design & Discovery	-----	-----	0.770
53	African Journal of Pharmacy and Pharmacology	0.99	0.27	-----
54	Journal of Pharmaceutical Research and Development	-----	-----	-----
55	Indonesian Journal of Pharmacy	-----	-----	-----
56	Informa UK	-----	-----	

57	Phytochemistry Letters	1.012	0.543	1.450
58	Journal of Korean Chemical Society	-----	-----	0.00
59	ActaPoloniaePharmaceutica (Drug Research),	-----	0.32	0.737
60	Drug Testing & analysis	-----	0.73	2.506
61	International Journal of Drug Development and Research	-----	0.25	0.21
62	Journal of Pharmaceutical Research	-----	-----	-----
63	Indian Journal of Biochemistry and Biophysics	-----	0.32	-----
64	Journal of Applied Pharmaceutical Sciences	0.537	0.257	-----
65	ActaBiochimicaPolonica	-----	0.45	1.153
66	Saudi Pharmaceutical Journal	1.318	0.464	1.283
67	Medicinal Chemistry	-----	0.38	1.363
68	E-Journal of Chemistry	-----	0.2	0.696
69	Bulletin of the Korean Chemical Society	-----	-----	0.797
70	Indian Journal of Pharmaceutical Sciences	-----	0.32	-----
71	Indo Global Journal of Pharmaceutical Sciences	-----	-----	0.00
72	Asian Pacific Journal of Tropical Biomedicine	1.414	0.587	
73	Pharmaceutical Chemistry Journal	-----	0.21	0.452
74	Journal of Chromatographic Separation Techniques	-----	-----	-----
75	International journal of Nanomedicine	-----	1.15	-----
76	Hamdard Medicus	-----	-----	-----
77	Current topics in Medicinal Chemistry	-----	0.99	3.402
78	Asian Journal of Biomedical &Pharmceutical Science	-----	-----	-----
79	Indonesian Journal of Chemistry	-----	-----	-----
80	Molbank	-----	0.1	0.00
81	Current Medicinal Chemistry	-----	1.1	3.853
82	Journal of Chemistry in Pharmaceutical Research	-----	-----	-----
83	Journal of Research in Pharmaceutical and Biomedical Sciences	-----	-----	-----
84	ActaPharmaceuticaScientia	-----	0.18	-----
85	International Journal of Chemistry and Chemical Engineering	-----	-----	-----
86	Journal of Chilean Chemical Society	-----	-----	-----
87	Food Chemistry	1.930	1.420	3.391
88	Thai Journal of Pharmaceutical	-----	0.12	-----

Sciences				
89	Der Pharma Chemica	-----	0.23	-----
90	Webmed Central	-----		-----
91	International Journal of Pharmaceutical Sciences Review and Research	-----	0.20	0.65
92	Journal of Applied Pharmaceutical Science	0.537	0.26	-----
93	Annals of Biological Research	-----	-----	-----
94	Research Journal of Pharmacy & Technology	-----	-----	-----
95	Current Pharmaceutical Research	-----	-----	-----
96	Arch Pharm (Weinheim).	-----	-----	-----
97	Journal of Serbian Chemical Society	-----	-----	0.871
98	International Journal of Pharma Professional's Research	-----	-----	0.443
99	Synthetic Communications	-----	0.28	0.929
100	Journal of Enzyme Inhibition Medicinal Chemistry	-----	-----	2.33
		-----	-----	-----

Citation And H-index: (Google Search)

Name of the Faculty	Citations	<i>h</i> -index
Prof. Anees A Siddiqui	1111	18
Prof. Nadeem Siddiqui	185	14
Prof. M. Amir	994	16
Dr. Bahar A Khan	763	16
Dr. Gita Chawla	128	06
Dr. Sandhya Bawa	394	09
Dr. Asif Husain	1020	16
Dr. Mymoona Akhter	243	07
Dr. M. Shahar Yar	1476	23
Dr. M. Mumtaz Alam	879	15
Dr. Ozair Alam	180	08
Dr. M. Shaquiquzzaman	120	05

23.	Details of patents and income generated:	Patent Granted: Eleven (11) Compounds possessing Antihypertensive activity have been patented: Patent filed: Government of India, The Patent Office S. No.: 011-016308 Patent No.: 250538 Application No.: 2498/DEL/2006 Date of Filing: 20-11-2006 Patentee: Dr. Bahar Ahmed: (as Principal Inventor) (in the name of Hamdard University) Date of Grant: 09-01-2012
24.	Areas of consultancy and income generated:	Nil

25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	Dr. Asif Husain, Selected as `Visiting Fellow`, Youngstown State University, Ohio, USA, 2013.
26.	<p>Faculty serving in:</p> <p>(xxii) National committees: (xxiii) International committees (xxiv) Editorial Boards of journals (xxv) any other (please specify)</p> <p><u>Membership of Professional Societies</u></p> <p>Prof Anees Ahmad Siddiqui</p> <ol style="list-style-type: none"> 1. Life Member of Institution of Chemists (India) 2. Life Member of Indian Society of Pharmacognosy 3. Life Member of Association of Pharmaceutical Teachers of India, Life Membership (Membership no- ND/LM-047) 4. Life Member of Indian Society for Technical Education (Membership no- 13768) 5. Life Member of Indian Pharmacy Graduate Association (Membership no- 147) <p>Prof Nadeem Siddiqui</p> <ol style="list-style-type: none"> 1. Life Member of Association of Pharmaceutical Teachers of India, Life Membership (Membership no- ND/LM-059) <p>Prof M. Amir</p> <ol style="list-style-type: none"> 1. Life Member of Indian Pharmaceutical Association 2. Life Member of Indian Society of Pharmacognosy 3. Life Member of Indian Society of Analytical Scientist- Life Member (Membership no-LM-0555) 4. Life Member of Indian Society for Technical Education (Membership no- LM-36549) <p>Dr Bahar Ahmad</p> <ol style="list-style-type: none"> 1. Life Member of Association of Pharmaceutical Teachers of India (Membership no- LM 342) <p>Dr Gita Chawla</p> <ol style="list-style-type: none"> 1. Life Member of Association of Pharmaceutical Teachers of India (Membership no- ND/LM-057) 2. Life Member of Indian Pharmacy Graduate Association (Membership no- 724) <p>Dr Sandhya Bawa</p> <ol style="list-style-type: none"> 1. Life Member of Association of Pharmaceutical Teachers of India (Membership no- ND/LM-056) <p>D. Asif Husain</p> <ol style="list-style-type: none"> 1. Life Member of Asian Polymer Association (Membership no- L298) 2. Life Member of Indian Pharmaceutical Association 3. Life Member of National Environment Science Academy (Membership no-L/M-1082) 4. Life Member of Association of Pharmaceutical Teachers of India (Membership no- ND/LM-088) <p>Dr Mymoona Akhter</p> <ol style="list-style-type: none"> 1. Life Member of Chemical Research of India (Membership no- LM-918) 2. Life Member of The Indian Science Congress Association (Membership no- LM-20968) 3. Life Member of Society of Pharmaceutical Education and Research (Membership no- SPER/LM/DL-011) 	

	<p>4. Life Member of Association of Pharmaceutical Teachers of India (Membership no- ND/LM-086)</p> <p>D. M. Shahar Yar</p> <p>1. Life Member of Asian Polymer Association (Membership no- L033)</p> <p>2. Life Member of Indian Society of Analytical Scientist- Life Member (Membership no-LMT-2006/24)</p> <p>3. Life Member of Indian Science Congress (Membership no-L26888)</p> <p>4. Life Member of Association of Pharmaceutical Teachers of India (Membership no- ND/LM-077)</p> <p>Dr. M. Mumtaz Alam</p> <p>1. Life Member of Indian Science Congress (Membership no-L26889)</p> <p>2. Life Member of Indian Pharmaceutical Association</p> <p>3. Life Member of Association of Pharmaceutical Teachers of India, Life Membership (Membership no-ND/LM-73)</p> <p>4. Life Member of Indian Society of Analytical Scientist- Life Member (Membership no-LM-2089)</p> <p>Dr. M. Shaquiquzzaman</p> <p>1. Life Member of Indian Science Congress (Membership no-)</p> <p>2. Life Member of Indian Society of Analytical Scientist- Life Member (Membership no-LMT2007/68)</p> <p>3. Life Member of Association of Pharmaceutical Teachers of India, Life Membership (Membership no-ND/LM-106)</p> <p>Membership of Editorial Boards of Journals</p> <p>Prof Anees Ahmad Siddiqui Assistant editor-International Journal of Phama and Professional Research</p> <p>Dr Gita Chawla Editorial member of J of Pharmacy and Bioallied Sciences and International Journal of Pharmaceutical Chemistry and Analysis</p> <p>Dr Sandhya Bawa Editorial Board Member of Journal of Pharmacy and Bioallied Sciences</p> <p>Dr Asif Husain Editorial In Chief-Ally Journal of Medicinal Chemistry; Editorial member- in Med Chemistry, Journal of Current Pharm Res, International Journal of Pharm. Science and Acta Scientica.</p> <p>Dr M Shahar Yar Editorial Board member of International Journal of Phama and Professional Research</p> <p>Dr Mymoona Akhter Editor in Chief of International Journal of Pharmaceutical Chemistry and Analysis</p> <p>Dr M Shaquiquzzaman Editorial board of Journal of Pharmaceutical and Medicinal Chemistry</p>												
<p>27.</p>	<p>Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):</p> <table border="1" data-bbox="354 1619 1471 1923"> <thead> <tr> <th data-bbox="354 1619 602 1688">Name of faculty member</th> <th data-bbox="602 1619 911 1688">Title of programme</th> <th data-bbox="911 1619 1133 1688">Institution where attended</th> <th data-bbox="1133 1619 1471 1688">Duration (dates)</th> </tr> </thead> <tbody> <tr> <td data-bbox="354 1688 602 1791">Dr M Shahar Yar Dr. Mumtaz Alam Dr. M.S. Zaman</td> <td data-bbox="602 1688 911 1791">Staff Development Programme</td> <td data-bbox="911 1688 1133 1791">Jamia Millia Islamia</td> <td data-bbox="1133 1688 1471 1791">One weak (Dec 08 to Dec 13, 2014)</td> </tr> <tr> <td data-bbox="354 1791 602 1923">Dr. Ozair Alam</td> <td data-bbox="602 1791 911 1923">XIX-QIP on Recent Development in Pharmaceutical Chemistry</td> <td data-bbox="911 1791 1133 1923">DIPSAR, Delhi</td> <td data-bbox="1133 1791 1471 1923">Two weeks (March 09-20 2015)</td> </tr> </tbody> </table>	Name of faculty member	Title of programme	Institution where attended	Duration (dates)	Dr M Shahar Yar Dr. Mumtaz Alam Dr. M.S. Zaman	Staff Development Programme	Jamia Millia Islamia	One weak (Dec 08 to Dec 13, 2014)	Dr. Ozair Alam	XIX-QIP on Recent Development in Pharmaceutical Chemistry	DIPSAR, Delhi	Two weeks (March 09-20 2015)
Name of faculty member	Title of programme	Institution where attended	Duration (dates)										
Dr M Shahar Yar Dr. Mumtaz Alam Dr. M.S. Zaman	Staff Development Programme	Jamia Millia Islamia	One weak (Dec 08 to Dec 13, 2014)										
Dr. Ozair Alam	XIX-QIP on Recent Development in Pharmaceutical Chemistry	DIPSAR, Delhi	Two weeks (March 09-20 2015)										

		XVI improvement programme “Challenges Pharmaceutical sciences”	Quality on in	DIPSAR, New Delhi	Two weeks (Nov 21– Dec 2, 2011)
	Dr. Asif Husain	XVII improvement programme Recent Trends in Pharmacology and Therapeutics”		DIPSAR, Delhi	Two weeks (23 th Feb. - 27 th Feb, 2015)
	Dr. Asif Husain	XVI improvement programme Recent Trends in Pharmacology and Therapeutics”		DIPSAR, Delhi	Two weeks (21 th Nov. – 2 nd Dec, 2011)
28.	Student projects:	<ul style="list-style-type: none"> percentage of students who have done in-house projects including inter-departmental projects 75% percentage of students who have done projects in other Universities/Institutions 25% 			
29.	Awards /recognitions received at the national and international level by:				
	<ul style="list-style-type: none"> Faculty 				
	S. No	Faculty	Award/Recognition		Year
	1	Dr. M. Shahar Yar	Publication in high impact factor(>3) journal with citation 50		2015
	2	Prof. Anees A Siddiqui	Publication in high impact factor(>3) journal with citation 10		2015
			Publication in high impact factor(>3) journal with citation 10		2014
	3	Dr. Ozair Alam	Publication in high impact factor(>3) journal with citation 16		2015
			Publication in high impact factor(>3) journal with citation 18		2014
			DST Young Scientist		2012
	4	Prof. Nadeem Siddiqui	Publication in high impact factor(>3) journal with citation 36		2014
	5	Prof. M. Amir	Publication in high impact factor(>3) journal		2013
	6	Dr. Mymoona Akhtar	DST Young Scientist		2012
			AICTE Carrier		2011
	7	Dr. Bahar Ahmad	Recognized for nominatioion by American Bibliographic Institute, Inc as professional hall of fame		2012
	Postdoc				
	S. No	Post doctoral fellows	Award/Recognition		Year

1	Dr. Suresh Kumar	CSIR Research Associate	2013
PhD			
S. No	Students	Award/Recognition	Year
1	Mrs. Soma Kala	DST Women Scientist	2013
2	Mrs Meeta	DST Women Scientist	2015
30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:			
Title Seminars/Conferences/Workshops	Dates	No. of participants	Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme)
Seminars/Conferences			
National Seminar on 'Innovations in Pharmaceutical Teaching – Learning Environment – New Paradigms	17Jan, 2015	90	Ms. Ruchi Saxena, Marketing Head, Abbott Pharmaceuticals; Ms. Neetu Munjal, Counselor to Virtual Education
AICTE Sponsored National Seminar on “New Horizons in Drug Discovery and Development”	17-18 Sep, 2011	180	Dr. NG Ramesh, IIT Delhi
Workshops			
Two days Workshop on Recent Advancements in Molecular Modelling and Drug Design	21-22 Nov, 2015	45	Dr Ravi, Schrodinger, USA Dr Pritesh, Schrodinger, USA
7 th Bioinformatics Symposium cum hands-on on “High Performance Bioinformatics and Biomedicine”	8 -9 Dec, 2015	27	Prof. T. P. Singh, Dept. of Biophysics, AIIMS, New Delhi Prof. Y.D. Sharma, AIIMS Dr. Dinesh Gupta, ICGEB
6th Seminar cum Hands-on Training Program on 'Bioinformatics and Biologicals'	27-28 Nov, 2014	31	Dr. Surender Singh, NIB; Prof. T. P. Singh, Dept. of Biophysics AIIMS, New Delhi; Prof. Faizan Jameel, Jamia Millia Islamia
5 th Bioinformatics Seminar cum Hands on training on Multi-criteria Drug Design.	03 – 04 Sept 2013	25	Prof. B. Jayaram, IIT Delhi Dr. Madhu Chopra DU Dr. Dinesh Gupta, ICGEB
4th Bioinformatics Conference-	19-20 Oct,	25	Prof. B. Jayaram, IIT Delhi

	cum-Workshop on "Application of Bioinformatics in Drug Discovery and Development"	2012		Prof. Indira Ghosh, JNU, Delhi Dr. Srinivasan Ramachandran, IGIB, Delhi
	3 rd Bioinformatics Seminar cum Hands-on Training 2011 on "Computational Protein Structure Prediction"	28-29 Nov, 2011	30	Dr. Amit Nargotra, IIIM Jammu Dr. Dinesh Gupta, ICGEB Dr. Chakresh Jain, IIIT, NOIDA
31.	Code of ethics for research followed by the departments:	Two committees (ix) IAEC (x) Ethics Committee		
32.	Student profile programme-wise: Refer to Dean's Office			
33.	Diversity of students: Refer to Dean's Office			
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	Refer to Dean's Office		
35.	Student progression:			
	Student progression		Percentage against enrolled	
	UG to PG		35%	
	PG to M.Phil.		--	
	PG to Ph.D.		50-60%	
	Ph.D. to Post-Doctoral		5%	
	Employed		Refer to Placement cell	
	• Campus selection			
	• Other than campus recruitment			
	Entrepreneurs		--	
36.	Diversity of staff:			
	Percentage of faculty who are graduates		%	
	of the same university		60-70	
	from other universities within the State		20	
	from universities from other States		20	
	from universities outside the country		Nil	
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	01 (Dr. M. Shaquizzaman)		
38.	Present details of	(vii) Library: Available on Faculty Level		

	departmental infrastructural facilities with regard to	(viii) Internet facilities for staff and students : Available (Both LAN and wi-fi) (ix) Total number of class-rooms: 08 (Faculty level) (x) Class room with ICT facility: 02 (Faculty level) (xi) Students Laboratories: 04 (UG); 02 (PG) (xii) Research Laboratories: 05
39.	List of doctoral, post-doctoral students and Research Associates:	<p>Post doctoral Students Dr Suresh Kumar</p> <p>Doctoral Students from the host institution/university</p> <ol style="list-style-type: none"> 1. Ahsan Ali Khan 2. Ashotosh K Pandey 3. Farah Iram 4. Fatima Naz 5. Farah Nawaz 6. Garima Verma 7. Kalicharan 8. K Somakala 9. Md. Azhar Iqbal 10. Md. Jahangi Alam 11. Md. Javed Naim 12. Md. Jawid Akhter 13. Md. Rafi Haider 14. Md. Rahmat Ali 15. Md. Wasim Akhter 16. Meeta 17. Nishta 18. Om Prakash Goshain 19. Sana Tariq 20. Sangh Pratap 21. Sharmistha 22. Shweta Sharma 23. Wasim Akhter 24. Zulphikar Ali <p>MoU</p> <ol style="list-style-type: none"> 25. Rikteshar Pasad Devagan
40.	Number of post graduate students getting financial assistance from the University:	NA
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	NA
42.	Does the department obtain feedback from:	Yes
43.	List the distinguished alumni of the department (maximum 10):	Distinguished Alumni

	Name	Course	Batch	Present position and affiliation
	Md. Shamsheer Alam	Ph.D.	2011	Asst. Professor, Al-jezan University, Saudi Arabia.
	Ravinesh Mishra	Ph D	2011	Associate Prof, Baddi university of Science and Technology, Baddi (HP)
	Arvind Kumar	Ph D	2011	Director, SD College, MuzaffarNagar
	AmitaVerma	Ph D	2012	Prof. Agriculture Univ. Allahabad
	Habibullah	Ph D	2012	Assistant Prof, KSA
	Manoj Keshari	M Pharm	2012	Associate Scientific Manager at Biocon, Bangalore
	Akranth Marella	Ph D	2015	Yes Pharma, Mumbai
	Kapendra Sahu	Ph D	2014	Scientist B, National Dope testing Laboratory
	Waquar Ahsan	Ph D	2012	Asstt Professor, Al-Jezan University, Saudai Arabia
44.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	<ul style="list-style-type: none"> • Organized Four lectures for M Pharm III sem (Pharmaceutical Analysis Students) By Dr Arshad Khuroo, Director Sun Pharma Pvt Ltd. • Workshop on molecular modelling and drug design • Seminar on personality development • Seminar to improve communication skill 		
45.	List the teaching methods adopted by the faculty for different programmes.:	<ul style="list-style-type: none"> • Chalk and Board. • Power Point Presentation • OHP Presentation • Audio-Visual aids (videos on subject related topics) • Group Discussion Method • Problem Based learning • Interactive Teaching • Online assistance to students • Industrial Visits 		
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	<ul style="list-style-type: none"> • Regular Internal Assessment • Seminar sessions • Assignments • Semester Based Credit System • Regular interaction with students to discuss and review. • Regular department meetings of faculty • Students Feedback reports • Academic progress of students monitoring at department level • Review of course completion report at the end of semester 		
47.	Highlight the participation of students and faculty in extension activities.	Summer/dissertation Training Seminars Technical/Article Writing Participated in Swach Bharat Abhiyaan (02 October & 14 November)		
48.	Give details of “beyond syllabus scholarly	<ul style="list-style-type: none"> • Industrial visits during the summers and winters • Publishing review article and research paper 		

	activities” of the department.	<ul style="list-style-type: none"> Video presentations and animation prepared by the students under the guidance of the faculty.
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details.:	Yes, accredited by NAAC
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	Use of Analytical instruments like LC-MS, NMR of 400MHz strength, various drug designing software like Schrodinger, SIEBEL, v-Life etc
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	<p>Strengths</p> <ol style="list-style-type: none"> Outstanding Faculty collaborative research Publications in journals with high impact factor State of art lab facility Computational facility Funding from various agencies <p>Weaknesses</p> <ol style="list-style-type: none"> An Advanced instrumentation in areas of physiology, neuro/ cancer biology, drug discovery Currently there is no mechanism at Department level for collaborative/Applied Research and training with industries. No administrative staff Shortage of supporting lab staff <p>Opportunities</p> <ol style="list-style-type: none"> Interdisciplinary teaching and research Some labs/areas have progressed to an extent where after animal and field testing we can have collaboration with industries. Collaboration from outside lab to make well equipped research lab. seek the opportunities to send the young teacher for research training <p>Challenges</p> <ol style="list-style-type: none"> Development of molecular level mechanism of synthesized compounds Exposure to the upcoming sophisticated instrument Constant encouragement/vigil/training opportunities will be required for updated delivery in classrooms and labs. Syllabi are required to be constantly updated and kept abreast with developing knowledge to ensure that the students remain competitive
52.	Future plans of the department:	<ol style="list-style-type: none"> Collaboration with well established laboratories for screening of synthesized compounds Establishment of cell culture facility for in vitro research Focused subject programme for industrial needs Establishment of departmental Research Instrumentation Facility

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	PHARMACOGNOSY AND PHYTOCHEMISTRY				
2.	Year of establishment:	1981				
3.	Is the Department part of a School/Faculty of the university?	Yes, Faculty of Pharmacy				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	i. PG (M.Pharm Pharmacognosy & Phytochemistry) ii. PG (M Pharm Pharmaceutical Biotechnology) iii. Ph.D. (Pharmacognosy & Phytochemistry) iv. Ph D (Pharmaceutical Biotechnology)				
5.	Interdisciplinary programmes and departments involved:	NA				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA				
7.	Details of programmes discontinued, if any, with reasons:	NA				
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	Semester/Choice Based Credit System				
9.	Participation of the department in the courses offered by other departments:	<ul style="list-style-type: none"> • Ph.D. Course work in Faculty of Pharmacy • Choice Based Credit System (Other Departments and Faculties of Jamia Hamdard) 				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):	Sanctioned	Filled	Actual (including CAS & MPS)		
Professor		2	01	01		
Associate Professors		1	01	01		
Assistant Professors		6	04	04		
Others		---	---	---		
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Dr. S. H. Ansari	Ph.D.	Professor	Pharmaconosy	35	03 [awarded] 03 [ongoing]
	Dr. (Mrs.) Vidhu Aeri	Ph.D.	Associate Professor	Pharmaconosy	25	03 [awarded] 02 [submitted]

	Dr. Mohd. Mujeeb	Ph.D.	Assistant Professor	Pharmaconosy	15	04 [ongoing] 04 [awarded] 01 [ongoing]
	Dr. S. R. Mir	Ph.D.	Assistant Professor	Pharmaconosy	12	02 [awarded] 05 [ongoing]
	Dr. B. P. Panda	Ph.D.	Assistant Professor	Pharmaceutical biotechnology	11	03 [awarded] 04 [ongoing]
	Dr. Sayeed Ahmad	Ph D	Assistant Professor	Pharmaconosy	10	07 [awarded] 02 [submitted] 03 [ongoing]
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		NA			
13.	Percentage of classes taken by temporary faculty – programme-wise information:		NA			
14.	Programme-wise Student Teacher Ratio:		Post Graduate: 2:1			
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation		Sanctioned	Filled/actual	
		Technical Assistant		00	00	
		Senior Lab Assistant		00	00	
		Assistant		01	01	
Lab Attendant		03	03			
16.	Research thrust areas as recognized by major funding agencies:		I. Quality control of herbal drugs and formulations II. Metabolomics and pharmacokinetic profiling of plant constituents III. Isolation and characterization of phytopharmaceuticals IV. In vitro and in vivo testing of botanicals V. Tissue and cell culture and DNA finger printing of controversial medicinal plants VI. Fermentation technology			
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:					
	Name of the faculty	Title of the Ongoing project			National/International funding agencies/Tenure	Grant received
	Dr Sayeed Ahmad	Pharmacokinetic profiling of DIP-G-FIT tablet			DIPAS, DRDO	10 lacs
	Dr Sayeed Ahmad	AICTE-Career award			AICTE	10.5 lacs
	Dr Mohd Mujeeb	AICTE-Career award			AICTE	10.5 lacs
	Dr SR Mir	UGC MRP			UGC	14.0 lacs
	Dr. (Mrs.) Vidhu Aeri	Bioactivity guided fractionation of extracts of hepatoprotective and immunomodulatory medicinal plants			NMPB	59.9 lakhs

18.	Inter-institutional collaborative projects and associated grants received:	(i) National collaboration Dabur research foundation, 17 lacs (ii) International collaboration														
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	<table border="1"> <thead> <tr> <th data-bbox="699 321 911 384">Funding agency</th> <th data-bbox="911 321 1255 384">Project title, if any</th> <th data-bbox="1255 321 1510 384">Grant received</th> </tr> </thead> <tbody> <tr> <td data-bbox="699 384 911 457">DST</td> <td data-bbox="911 384 1255 457">DST-FIST</td> <td data-bbox="1255 384 1510 457">56 lakhs</td> </tr> <tr> <td data-bbox="699 457 911 531">UGC</td> <td data-bbox="911 457 1255 531">UGC-SAP-DRS-I</td> <td data-bbox="1255 457 1510 531">65 Lakhs</td> </tr> <tr> <td data-bbox="699 531 911 604">AICTE</td> <td data-bbox="911 531 1255 604">AICTE-MODROB</td> <td data-bbox="1255 531 1510 604">15 lacs</td> </tr> </tbody> </table>	Funding agency	Project title, if any	Grant received	DST	DST-FIST	56 lakhs	UGC	UGC-SAP-DRS-I	65 Lakhs	AICTE	AICTE-MODROB	15 lacs		
Funding agency	Project title, if any	Grant received														
DST	DST-FIST	56 lakhs														
UGC	UGC-SAP-DRS-I	65 Lakhs														
AICTE	AICTE-MODROB	15 lacs														
20.	Research facility/centre with:	Bioactive Natural Product Laboratory Microbial and Pharmaceutical Biotechnology Laboratory														
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	Bioactive Natural Product Laboratory partly funded by Dabur India Ltd & Amil Pharma														
22.	Publications: (last 5 years):															
		<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): 385 • Monographs: 30 + 04 • Chapters in Books: 04 • Edited Books: Nil • Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers): 01 <p>Publications:</p> <p>2015</p> <ol style="list-style-type: none"> 1. Mhaveer Singh, Shahid H. Ansari and Sayeed Ahmad (2015) Production and estimation of asarone in in vitro cultures of Acorus calamus Linn. Annals of Phytomedicine 3(2): 82-86. ISSN 2393-9885. 2. Habib Ur Rehman, Jameel Ahmad, Karishma Chester, Tamboli Ennus Tajuddin and Sayeed Ahmad (2015) Chemoprofiling and tissue culture studies on Picrorhiza kurroa Royle ex Benth. for production of picroside II, Annals of Phytomedicine 3(2): 70-77. ISSN 2393-9885. 3. Singh M., Kamal Y.T., Khan M.A., Parveen R., Ansari S.H., Ahmad S. (2015). Marker Based In-vitro Antioxidant Potential, Microscopy and Validated High Performance Thin Layer Chromatographic Method for Saffron. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 85 (2), pp. 607-614. ISSN: 03698211. 4. Ahamad J., Amin S., Mir S.R. (2015). Optimization of ultrasound-assisted extraction of charantin from Momordica charantia fruits using response surface methodology. Journal of Pharmacy and Bioallied Sciences, 7 (4), pp. 304-307. ISSN: 09757406 5. Puri, A., Mir, S. R. & Panda, B. P. Effect of sequential bio-processing conditions on the content and composition of vitamin K2 and isoflavones in fermented soy food. <i>J. Food Sci. Technol.</i> 52, 8228–8235 (2015). 6. Khan, S., Khan, S., Panda, B. P., Akhtar, M. & Najmi, A. K. Potential effects of 														

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9. Firdous F, Mujeeb M, Sharma R, Husain A, Khan AH, Akram M (2015). A review on pharmacological and toxicological potentials of *Cassia occidentalis* . European Journal of Biomedical and Pharmaceutical sciences. Volume 2 (6), 260-265; ISSN 2349-8870.
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13. Jamal M., Imam S.S., Aqil M., Amir M., Mir S.R., Mujeeb M. (2015). Transdermal potential and anti-arthritic efficacy of ursolic acid from niosomal gel systems, International Immunopharmacology, 29 (2), pp. 361-369. ISSN: 15675769
14. Rashid D., Panda B.P., Vohora D. (2015). Reduced estradiol synthesis by letrozole, an aromatase inhibitor, is protective against development of pentylentetrazole-induced kindling in mice. Neurochemistry International, 90, pp. 271-274. ISSN: 01970186.
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Sl. No.	Authors/editors (list all)	Title	ISBN	Year of publication	Publishers including city
1	Dr Sayeed Ahmad	A Laboratory Manual of Pharmacognosy	978-93-84588-89-2	2015	IK International, New Delhi
Citation And H-index: (Google Search)					
Name of the Faculty		Citations	h-index		
Prof. S. H Ansari		1543	21		
Dr. Vidhu Aeri		331	8		
Dr. Mohd Mujeeb		456	15		
Dr. SR Mir		372	11		
Dr BP Panda		517	11		
Dr Sayeed Ahmad		1344	21		
23.	Details of patents and income generated:	Patent 0349			
24.	Areas of consultancy and income generated:	Quality control of herbal drugs and formulations (Dabur 17 lacs + DRDO 15 lacs)			
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	1. Dr Sayeed Ahmad, Albert Einstein College of Medicine, New York USA (BOYSCAST Fellow 2011)			
26.	Faculty serving in: (xxvi) National committees: (xxvii) International committees (xxviii) Editorial Boards of journals (xxix) any other (please specify)				

	<p>(i) National committees:</p> <ul style="list-style-type: none"> • Prof S. H. Ansari: Member of AICTE National syllabus revision committee of pharmaceutical sciences • Prof. S.H. Ansari, Member, Pharmacy Education Committee, NBA. • Dr Sayeed Ahmad: Unani Pharmacopoeial Sub Committee • Dr Sayeed Ahmad: Member, Executive Committee (EC) of Association of Pharmaceutical Teachers of India (APTI). <p>(ii) International committees: NIL</p> <p>(iii) Editorial Boards of journals:</p> <ul style="list-style-type: none"> • Prof S. H. Ansari- Editor In Chief, JOURNAL OF NATURAL REMEDIES • Prof S. H. Ansari-member Editorial Board of IJSPER • Prof. S.H. Ansari, Editor, International Journal of Chinese Medicine • Dr Sayeed Ahmad: Associate Editor: JOURNAL OF NATURAL REMEDIES • Dr Sayeed Ahmad: Associate Editor: Annals of Phytomedicine • Dr Sayeed Ahmad: Associate Editor: Journal of Medicinal Plant Research • Dr Sayeed Ahmad: Guest Editor: Journal of Pharmacy and Bioallied Sciences (Special issue on Herbal Drugs and Botanicals, Dec-2015) • Dr Vidhu Aeri: Editorial Board Member, Journal of Natural Remedies 																
<p>27.</p>	<p>Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):</p> <table border="1" data-bbox="326 978 1469 1520"> <thead> <tr> <th data-bbox="326 978 613 1045">Name of faculty member</th> <th data-bbox="613 978 906 1045">Title of programme</th> <th data-bbox="906 978 1183 1045">Institution where attended</th> <th data-bbox="1183 978 1469 1045">Duration (dates)</th> </tr> </thead> <tbody> <tr> <td data-bbox="326 1045 613 1182">Dr Sayeed Ahmad</td> <td data-bbox="613 1045 906 1182">16th Refresher Course in Biotechnology</td> <td data-bbox="906 1045 1183 1182">Academic Staff College JNU, New Delhi sponsored by UGC</td> <td data-bbox="1183 1045 1469 1182">4 week, from 28th July 2014- 22nd August 2014</td> </tr> <tr> <td data-bbox="326 1182 613 1350">Dr. Mohd Mujeeb</td> <td data-bbox="613 1182 906 1350">XV Quality Improvement Programme Sponsored by AICTE</td> <td data-bbox="906 1182 1183 1350">Delhi Institute of Pharmaceutical Sciences and Research (DIPSAR) New Delhi</td> <td data-bbox="1183 1182 1469 1350">17- 21 October 2011 1Week</td> </tr> <tr> <td data-bbox="326 1350 613 1520">Dr. Mohd Mujeeb</td> <td data-bbox="613 1350 906 1520">XIX Quality Improvement Programme Sponsored by AICTE</td> <td data-bbox="906 1350 1183 1520">Delhi Institute of Pharmaceutical Sciences and Research (DIPSAR) New Delhi</td> <td data-bbox="1183 1350 1469 1520">9-20 March 2015 2Weeks</td> </tr> </tbody> </table>	Name of faculty member	Title of programme	Institution where attended	Duration (dates)	Dr Sayeed Ahmad	16 th Refresher Course in Biotechnology	Academic Staff College JNU, New Delhi sponsored by UGC	4 week, from 28 th July 2014- 22 nd August 2014	Dr. Mohd Mujeeb	XV Quality Improvement Programme Sponsored by AICTE	Delhi Institute of Pharmaceutical Sciences and Research (DIPSAR) New Delhi	17- 21 October 2011 1Week	Dr. Mohd Mujeeb	XIX Quality Improvement Programme Sponsored by AICTE	Delhi Institute of Pharmaceutical Sciences and Research (DIPSAR) New Delhi	9-20 March 2015 2Weeks
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<p>28.</p>	<p>Student projects:</p> <ul style="list-style-type: none"> • percentage of students who have done in-house projects including inter-departmental projects <p style="text-align: center;">75%</p> <ul style="list-style-type: none"> • percentage of students who have done projects in other Universities/Institutions <p style="text-align: center;">25%</p>																
<p>29.</p>	<p>Awards /recognitions received at the national and</p> <p>Faculty Dr Sayeed Ahmad:</p>																

	international level by: Faculty Postdoc Phd PG	<ul style="list-style-type: none"> Al Ameen College of Pharmacy Award (2014) for the best paper in Pharmacognosy section of IJPER 2014 publications: PD Sethi Best paper Award on HPTLC for year 2013 for the manuscript “Chester K, Tamboli ET, Parveen R, Ahmad S. (2013) Genetic and metabolic diversity in stevia rebaudiana using RAPD and HPTLC analysis. <i>Pharm Biol</i>, 51(6):771-7, given by Anchrom Mumbai with Rs 10000 cash and certificate. <p>Dr BP Panda: Dr P.D Sethi award for 2nd best HPTLC research paper in 2011.</p> <p>Post Doc UGC- Woman Scientist 01 UGC Kothari 01 DST Fast Track 01</p> <p>Ph D UGC- BSR 02</p> <p>PG GPAT (6 + 6 + 5 + 3 + 1)= 21 NET LS = 02</p>		
<p>30.</p>	<p>Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:</p>			
<p>Serial No.</p>	<p>Title Seminars/Conferences/Workshops</p>	<p>Dates</p>	<p>No. of Participants</p>	<p>Outstanding participants (keynote, speakers, eminent scientist/academicians)</p>
<p>Conferences</p>				
	UGC-SAP sponsored National Seminar on Role of GCMS, Flash chromatography and HPTLC in botanical Drug Development	17 th January 2011,	>400	Dr VS Chauhan Dr CK Katiyar Dr Imran Ali Dr Rahul Singh Dr Upendra Khurana Prof SS Jamil
	UGC-SAP sponsored National Seminar on “Regulatory and quality aspects of herbal drugs and botanicals”, Jamia Hamdard, New Delhi	1 st February 2014,	>450	Dr GN Singh Prof YK Gupta DR SK Sharma Dr Neeraj Tandon Dr Surender Singh Dr SL Nasa Dr Amit Agrawal
<p>Workshops</p>				
	None			
<p>31.</p>	<p>Code of ethics for research</p>		<p>Two committees</p>	

	followed by the departments:	(xi) IAEC (xii) Ethics Committee				
32.	Student profile programme-wise:					
	Name of the Programme	Year	Application Received	Total No. of Student		Pass Percentage (%)
				Male	Female	
	M.Sc.	2009-2011	---	---	---	100%
		2010-2012	---	---	---	100%
		2011-2013	---	---	---	100%
		2012-2014	---	---	---	100%
		2013-2015	---	---	---	100%
	Total		---	---	---	
	Ph.D.	2011	---	---		100%
		2012	---	---		
		2013	---	---		
		2014	---	---		
		2015	---	---		
Total		---	---			
33.	Diversity of students:					
	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries	
	M Pharm	2009-2011				
		2010-2012				
		2011-2013				
		2012-2014				
		2013-2015				
Name of the Programme	Year	% of students from the same university	% of students from other universities (MoU)	% of student from other countries		
Ph.D	2011-2015					
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	GPAT = 21 2011-06 2012-06 2013-05 2014-03 2015-01				
		NET LS = 02				
35.	Student progression:	Student progression		Percentage against enrolled		
		UG to PG		75		

		PG to M.Phil.	-
		PG to Ph.D.	25
		Ph.D. to Post-Doctoral	10
		Employed	
		• Campus selection	50
		• Other than campus recruitment	40
		Entrepreneurs	10
36.	Diversity of staff:	Percentage of faculty who are graduates	Percentage of faculty who are graduates
		of the same university	of the same university
		from other universities within the State	from other universities within the State
		universities from other States	from universities from other States
		universities outside the country	from universities outside the country
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	All Faculty members are already Ph D	
38.	Present details of departmental infrastructural facilities with regard to	(i) Library: Separate library for research scholars with > 500 reference books & online data (ii) Internet facilities for staff and students: 24x7 (iii) Total number of class rooms 02 (iv) Class rooms with ICT facility 02 (v) Students' laboratories: 03 (vi) Research laboratories : 05	
39.	List of doctoral, post-doctoral students and Research Associates:	(vii) from the host institution/university Post Doc 1. Dr Priyanka Bagri (Host institute) 2. DR Mahaveer Singh (Host institute) 3. Dr Manish (Other institute) 4. Dr Neelofer (Other institute) List of Doctoral Students 1. Sanchit Sharma (Host institute) 2. Shaila Najib (Host institute) 3. Ms. Kavta Munjal (Other institute) 4. Mr. Sheeraj Ahmad (Host institute) 5. Ms. Naila Hassan (Host institute) 6. Mr. Mojeer Hassan (Other institute) 7. Mr. Prakash C. Bhatt (Host institute) 8. Ms. Shefali Madan (Other institute) 9. Ms. Nahida (Host institute) 10. Ms. Dharya Singh (Host institute) 11. Ms. Deepti Verma (Host institute) 12. Mr. Ujjwal Kaushik (Other institute)	

		<p>13. Ms. Kiran Sharma (Other institute) 14. Ms. Poonam Arora(Other institute) 15. Ms. Rishika Chauhan(Host institute) 16. Mr. Adil Ahmad (Host institute) 17. Ms. Lubna Abdin (Host institute) 18. Ms. Parisa Humanyun (Host institute) 19. Mr. Ikshit Sharma (Host institute) 20. Ms. Varisha Anjum (Host institute) 21. Mr. Washim Khan (Host institute)</p>																																				
40.	Number of post graduate students getting financial assistance from the university:	NIL																																				
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	NIL																																				
42.	Does the department obtain feedback from:	<p>(i) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES</p> <p>(ii) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES</p> <p>(iii) Alumni and employers on the programmes offered and how does the department utilize the feedback? YES</p>																																				
43.	List the distinguished alumni of the department (maximum 10):	<table border="1"> <thead> <tr> <th>Name</th> <th>Course</th> <th>Batch</th> <th>Present position and affiliation</th> </tr> </thead> <tbody> <tr> <td>Dr Atul K Nasa</td> <td>M Pharm Pharmacognosy</td> <td>1981</td> <td>President, IPGA</td> </tr> <tr> <td>Dr Raman Dang</td> <td>-</td> <td>1985</td> <td>Director, KNCP, Bangalore</td> </tr> <tr> <td>DR BPS Sagar</td> <td>-</td> <td>1994</td> <td>Ex VC Baddi University</td> </tr> <tr> <td>DR Shamim Ahmad</td> <td>-</td> <td>1989</td> <td>Director, Translam Inst. Meerut</td> </tr> <tr> <td>Dr Vijender Singh</td> <td>-</td> <td>1986</td> <td>Director, Rameesh Institute, Noida</td> </tr> <tr> <td>Dr Sarfaraz</td> <td>-</td> <td>1997</td> <td>VP, Ranbaxy</td> </tr> <tr> <td>Dr Sheeba Farid</td> <td>-</td> <td>1998</td> <td>Director Pharmacy, MAJU, Rampur</td> </tr> <tr> <td>Dr Tanveer Naved</td> <td>-</td> <td>2001</td> <td>Incharge, Pharmacy,</td> </tr> </tbody> </table>	Name	Course	Batch	Present position and affiliation	Dr Atul K Nasa	M Pharm Pharmacognosy	1981	President, IPGA	Dr Raman Dang	-	1985	Director, KNCP, Bangalore	DR BPS Sagar	-	1994	Ex VC Baddi University	DR Shamim Ahmad	-	1989	Director, Translam Inst. Meerut	Dr Vijender Singh	-	1986	Director, Rameesh Institute, Noida	Dr Sarfaraz	-	1997	VP, Ranbaxy	Dr Sheeba Farid	-	1998	Director Pharmacy, MAJU, Rampur	Dr Tanveer Naved	-	2001	Incharge, Pharmacy,
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					Amity University
		Dr Tanwir Athar	-	2007	Scientist, Military Res Centre Riyad, KSA
		Dr Neha Naath	-	1008	MD, Arbro Pharma
44.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	Board/Chalk Over head Projection LCD Projection Seminar Presentation Practicals			
45.	List the teaching methods adopted by the faculty for different programmes.:	Performance monitoring of national level exams like CSIR - UGC - NET, GATE, , ICMR - JRF and others. Compulsory Regular Internal Assessment tests. NET coaching and career planning counselling Feedback of alumni is taken regularly.			
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	Organization of extension lectures from time to time and renowned scientists are invited to deliver lectures Students are encouraged to undertake advanced research training			
47.	Highlight the participation of students and faculty in extension activities.	Summer/dissertation Training Seminars Technical/Article Writing Educational tour Plant excursion tour			
48.	Give details of “beyond syllabus scholarly activities” of the department.	General Awareness for identification herbal drugs and medicinal plants for authentication using chemical and microscopical markers			
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details.:	Not separately			
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	Department is engaged in generating knowledge about development of New Medicines for Diabetes, Liver disorders and Immunomodulation etc Department also develops QA/QC methods for traditional formulations as well scientifically validate the traditional claims of herbal formulations used since long without any scientific proof.			
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	<p>Strengths</p> <ul style="list-style-type: none"> • Teaching and Research programmes capture entire spread of life sciences to produce balanced and composite life scientist. <p>Faculty with strong experience abroad in post doctoral research Emphasis on innovative research and publication in high</p>			

		<p>impact international journals</p> <ul style="list-style-type: none"> • Immense opportunities for collaborative research and long term projects/ programmes. • Very strong sense of belonging for the department among the faculty members, non - teaching staff and alumni. Alumni of the department remain in constant touch and visit department. <p>Weaknesses</p> <ul style="list-style-type: none"> • The department need an Advanced instrumentation facility with high end equipments/facilities whose absence impedes researches in areas of physiology, neuro/ cancer biology, drug discovery and environmental/pollution biology • Lack of proper facility station will hamper future research in cell Culture & Molecular biology. • Currently there is no mechanism at Department level for collaborative/Applied Research and training with industries. No interaction even between science and technology faculties precluding the possibility of translating ideas/research into products. <p>Opportunities</p> <ul style="list-style-type: none"> • Interdisciplinary teaching and research • Induction of Master students from varied discipline of life and allied sciences . • Some labs/areas have progressed to an extent where after animal and field testing we can have collaboration with industries. • The department is in a position to have joint programs with other Universities and institutes. <p>Challenges</p> <ul style="list-style-type: none"> • There is positive correlation between quality learning process and students staying on campus. There is need for additional/improved accommodation for students to match national/international standards. • Constant encouragement/vigil/training opportunities will be required for updated delivery in classrooms and labs. • Syllabi are required to be constantly updated and kept abreast with developing knowledge to ensure that the students remain competitive <p>Weakness of the industrial sector in India in high technology areas</p>
52.	Future plans of the department.:	<ul style="list-style-type: none"> • Further development of interdisciplinary collaborations • Department is proposed to develop a Centre for Metabolomics which will be helpful in identification of every molecules in composite extracts (in fact metabolic mapping of plant metabolites present in herbal formulations) as well as for pharmacokinetic profiling of plant constituents after oral administration • Department also propose to develop a small Centre for Cell Culture studies especially for plant extracts and botanicals to establish in vitro activities.

**School of Chemical and Life
Sciences**
(Formerly Faculty of Science)

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	BIOCHEMISTRY			
2.	Year of establishment:	1994			
3.	Is the Department part of a School/Faculty of the university?:	Yes, Faculty of Science			
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	1) M.Sc Biochemistry 2) Ph.D Biochemistry			
5.	Interdisciplinary programmes and departments involved:	M.Sc Bioelectronics and Instrumentation (2008-2013)			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	Nil			
7.	Details of programmes discontinued, if any, with reasons:	M.Sc Bioelectronics and Instrumentation due to discontinuation of UGC grant as the course was started under the five year plan program.			
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	Semester/Choice Based Credit System			
9.	Participation of the department in the courses offered by other departments:	Ph.D Course work Foundation Course CBCS			
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)
		Professor	1	01	01
		Associate Professors	---	01	01
		Assistant Professors	5	02	02
	Others (please specify)		01 Temporary Lecturer	01 Temporary Lecturer	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:				
	Name	Qualification	Designation	Specialization	No. of Years of Experience

						years
	Dr. Shakir Ali	Ph.D	Professor	Chronic Inflammatory Disorders Celldeathmech	21years, 6months	03 (awarded) Ongoing 03
	Dr.Rana Zaidi	M.Phil,Ph.D	Associate Professor and Head	Cancer Etiology,DNA damage and repair, Nutrigenomics, Proteomics	22 years	02(awarded) Submitt 01 Ongoing03
	Dr.Saleem Javed	Ph.D	Associate Professor	Molecularbiology &Biotechnology	20 ResignedDecember2014	----- 03 awarded----
	Dr.Waseem A.Siddiqui	Ph.D	Assistant Professor	Natural Antioxdants in Diabetic Complications	14	04(awarded) Submitted02 Ongoing 03
	Dr. Farah Khan	Ph.D	Assistant Professor	Molecular Immunology, Development of FRET Based Biosensors	10	01(awarded) Ongoing 02
	Dr.Heena Tabassum	Ph.D	Temporarily lecturer	Neurophysiology&Toxicology	01andhalfyear	-----
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	Nil				
13.	Percentage of classes taken by temporary faculty – programme-wise information:	20%				
14.	Programme-wise Student Teacher Ratio:	Post Graduate: 9.6:1				
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation	Sanctioned	Filled/actual		
		Senior Technical Assistant	01	01		
		Senior Lab Assistant	00	00		
		Junior Assistant	01	01		

		Lab Attendant	02	
16.	Research thrust areas as recognized by major funding agencies:	1) Cell Death mechanisms and chronic inflammatory disorders. 2) Chemical carcinogenesis/ DNA damage/Proteomics 3) Immunodulation, FRET based biosensors, Insulin Resistance 4) Natural Antioxidants in Diabetic Complications		
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:			
	Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure	Grant received
	Dr. Shakir Ali& Dr.Rana Zaidi	Studies on the wound healing property of some medicinal plants rich in triterpenoid saponins	UGC MRP 01.02.2009 to 31.01.2012	Rs11,82,400
	Dr. Rana Zaidi ----- Dr.WASiddiqui	Isolation and characterization of dietary mutagens in food,risk assessment and cancer chemoprevention Nephroprotective effect of medicinally important oils on the progression of diabetic nephropathy in rats	UGC MRP 01.4.2008 to 31.9.2011 Ministry of higher education, Govt of KSA 1April 2015- 31 March 2017	Rs 8,64,200 SR2,00,000 Rs 34,00,000
	Dr. Farah Khan	Evaluation of possible role of SHP-1 in obese insulin resistant murine model using fluorescence resonance energy transfer [FRET] approach	ICMR 15.09.2015 to 14.09.2018	29,74,800Rs
	Dr. Farah Khan	Stimulatory effect of some mineral compounds on the immune system in murine model.	ICMR 20.04.2010 to 30.04.2013	18,24,896 Rs
18.	Inter-institutional collaborative projects and associated grants received:	Nil		
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	Funding agency	Project title, if any	Grant received
		UGC-SAP DRS-I	Role of boron and selected lead compound in diabetes mellitus and liver cirrhosis. 1.04.11 to 31.03.16	Rs 62,00,000
20.	Research facility/centre with:	Cell Culture Facility		
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	Nil		

22.	Publications: (last 5 years):	
<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international) <p>Publications:2015</p> <ul style="list-style-type: none"> • Ahad A, Ahsan H, Mujeeb M, Siddiqui WA (2015).Gallic acid ameliorates renal functions by inhibiting the activation of p38 MAPK in experimentally induced type 2 diabetic rats and cultured rat proximal tubular epithelial cells.<i>Accepted in Chemico-Biological Interactions</i> ISSN: 0009-2797. IF: 2.57. • Rasheed MZ, Tabassum H*, Parvez S (2015). Mitochondrial permeability transition pore: Promising target for treatment of parkinson’s disease. <i>Protoplasma</i> (In press), ISSN: 1615-6102 [IF: 2.651]. • Bashir S, Ali S, Khan F (2015). Partial reversal of obesity-induced insulin resistance owing to anti-inflammatory immunomodulatory potential of flaxseed oil. <i>Immunological investigations</i>.44(5), 451-469.ISSN: 0882-0139. [IF: 1.991] • Bashir S, Sharma Y, Elahi A, Khan F (2015). Macrophagepolarization: the link between inflammation and relateddiseases. <i>Inflammation Research</i>. ISSN: 1023-3830. [IF: 2.35] • Elahi A, Sharma Y, Bashir S, Khan F (2015). Balanced T_H1 and T_H2 immunopotentiating effects of silicates partly containing nanoparticles present in calcined serpentine.<i>Journal of Immunotoxicology</i> 20:1-14. ISSN:1547-691X. [IF:2.05] • IrtizaS,Samie AU,Ali S, Siddiqi AS,Naqash SH, Sameer AS (2015). IL-1β polymorphism and expression associated with decreased risk of gastric carcinoma: A case control study in Ethnic Kashmiri Population, India. <i>Asian Pacific Journal of Cancer Prevention</i>.16 (5), 1987-1992. ISSN: 1513-7368. [IF: 2.514] • Kaushik A, BhatiaY, Ali S, Gupta D (2015).Gene Network Rewiring to Study Melanoma Stage Progression and Elements Essential for Driving Melanoma. <i>PLoS ONE</i>. 10(11),e0142443.ISSN:1932-6203.[IF:3.534] • Khan MR, Ahsan H, Siddiqui S, Siddiqui WA (2015). Tocotrienols have a nephroprotective action against lipid induced chronic renal dysfunction in rats.<i>Renal Failure</i>37(1):136-43. ISSN: 0886-022X. [IF: 0.94] • Khare P,Sonane M, Nagar Y, Moin N, Ali S, Gupta KC, Satish A (2015). Size dependent toxicity of zinc oxide nano-particles in soil nematode <i>Caenorhabditis elegans</i>. <i>Nanotoxicology</i>. 9(4), 423–432.ISSN 1743-5390.[IF:6.41] • Mishra NN, Ali S, Shukla PK (2015). A monoclonal antibody against 47.2 kDa cell surface antigen prevents adherence and affects biofilm formation of <i>Candida albicans</i>. <i>World Journal of Microbiology and Biotechnology</i>. 31(1),11-21.ISSN: 0959-3993. [IF: 1.779] • Mitra S, Siddiqui WA, Khandelwal S (2015). Differential Susceptibility of Brain Regions to Tributyltin Chloride Toxicity. <i>Environmental Toxicology</i> 30(12):1393-405. ISSN: 1522-7278. [IF: 2.59] • Mitra S, Siddiqui WA, Khandelwal S (2015).C-Phycocyanin protects against acute tributyltin chloride neurotoxicity by modulating glial cell activity along with its anti-oxidant and anti-inflammatory property: A comparative efficacy evaluation with N-acetyl cysteine in adult rat brain.<i>Chemico-Biological Interactions</i>238:138-150. ISSN: 0009-2797. [IF: 2.57] • Pandey A, Singh P, Jauhari A, Singh T, Khan F, Pant AB, Parmar D, Yadav S (2015). Critical role of the miR-200 family in regulating differentiation and proliferation of neurons. <i>Journal of neurochemistry</i> 133: 640-652. ISSN: 0022-3042. [IF: 4.281] • Qazi AK, Hussain A, Khan S, Aga MA, Behl A, Ali S, Singh SK, Taneja SC, Shah BA, 		

Saxena AK, Mondhe DM, Hamid A (2015). Quinazoline based small molecule exerts potent tumour suppressive properties by inhibiting PI3K/Akt/FoxO3a signalling in experimental colon cancer. *Cancer Letters*. 359(1),47-56. ISSN 0304-3835. [IF: 5.621]

- Rubab I, **Ali S** (2015). Dried fruit extract of Terminalia chebula modulates the immune response in mice. *Food and Agricultural Immunology*. 27(1), 1-22. ISSN 0954-0105. [IF: 0.986]
- Shinkafi TS, Bello L, Hassan SW, **Ali S** (2015). An ethnobotanical survey of antidiabetic plants used by Hausa–Fulani tribes in Sokoto, Northwest Nigeria. *Journal of Ethnopharmacology*. 172, 91–99. ISSN: 0378-8741 [IF: 2.998]
- **Siddiqui WA**, Ahad A, Ahsan H (2015). The Mystery of BCL2 Family: Bcl-2 Proteins and Apoptosis, an Update. *Archives of Toxicology* 89(3): 289-317. ISSN: 0340-5761. [IF: 5.98]
- Thakur V, Asad M, Jain S, Hossain ME, Gupta A, Kaur I, Rathore S, **Ali S**, Khan NJ, Asif M (2015). Eps15 homology domain containing protein of Plasmodium falciparum (PfEHD) associates with endocytosis and vesicular trafficking towards neutral lipid storage site. *BBA - Molecular Cell Research*. 1853(11-A), 2856-2869. ISSN: 0167-4889. [IF: 5.019]

2014

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List of Journals with SNIP, SJR and Impact Factors.

	Journal Name	Source Normalized Impact Factor (SNIP)	SCImago Journal Rank (SJR)	Impact Factor
1.	Acta Chromatographica	----	----	0.577
2.	Annals of Microbiology	----	----	0.990
3.	Animal Feed Science and Technology	1.586	1.112	1.997
4.	Anti-Cancer Agents in Medicinal Chemistry	----	----	2.469
5.	Applied Biochemistry and Biotechnology	----	----	1.735
6.	Apoptosis	----	----	3.685
7.	Archives of Biochemistry and Biophysics	0.875	1.188	3.017
8.	Archives of Toxicology	----	----	5.980
9.	Asian Pacific Journal of Cancer Prevention	----	----	2.514
10.	BBA - Molecular Cell Research	1.221	2.523	5.019
11.	Biochimie	0.991	1.183	2.961
12.	Biological Trace Element Research	----	----	1.748
13.	Biotechnology Letters	----	----	1.591
14.	BMC Cell Biology	----	----	2.341
15.	BMC Genetics	----	----	2.397
16.	Cancer Letters	1.163	1.891	5.621
17.	Chemico-Biological Interactions	0.941	0.867	2.577
18.	Chemistry & Biology Interface	----	----	2.59
19.	Clinical Chemistry and Laboratory Medicine	1.011	0.741	2.707
20.	Current Computer-Aided Drug Design	----	----	1.268
21.	Dalton Transactions	----	----	4.197
22.	Environmental Toxicology	----	----	3.197
23.	Environmental Toxicology and Pharmacology	0.904	0.628	2.068
24.	European Journal of Drug Metabolism and Pharmacokinetics	----	----	1.563
25.	European Journal of Pharmacology	0.976	0.871	2.532
26.	Experimental and Molecular Pathology	0.711	0.868	2.706
27.	Experimental Parasitology	0.777	0.676	1.638
28.	Food and Agricultural Immunology	----	----	0.986
29.	Food Chemistry	1.930	1.420	3.391
30.	Food Analytical Methods	----	----	1.956
31.	G-Journal of Environmental Science and Technology	----	----	2.785
32.	Immunological investigations	----	----	1.991
33.	International Journal of Cardiology	0.927	1.151	4.036

34.	Indian Journal of Chemistry - Section A Inorganic, Physical, Theoretical and Analytical Chemistry	----	----	0.387
35.	Indian Journal of Experimental Biology	----	----	0.835
36.	Indian Journal of Medical Research	----	----	1.396
37.	Inflammation Research	----	----	2.347
38.	International Journal of Indigenous Medicinal Plants	----	----	3.51
39.	International Journal of Pharma and Bio Sciences	0.77	0.288	5.121
40.	International Journal of Pharmacy and Pharmaceutical Sciences	----	0.55	0.91
41.	International Journal of Radiation Biology	----	----	1.687
42.	International Immunopharmacology	0.982	0.900	2.472
43.	IOSR Journal of Environmental Science, Toxicology And Food Technology	----	----	1.325
44.	J Proteomics and Bioinformatics	----	----	2.55
45.	Journal of Biomedical Science	----	----	2.736
46.	Journal of Biomedical Nanotechnology	----	----	5.338
47.	Journal of Ethnopharmacology	1.701	1.069	2.998
48.	Journal of Food Science and Technology	----	----	2.203
49.	Journal of Immunotoxicology	----	----	2.054
50.	Journal of Neurochemistry	----	----	4.281
51.	Journal of Nutrition and Food Sciences	----	----	1.14
52.	Life Sciences	0.902	0.921	2.702
53.	Journal of Pharmacy and Bioallied Sciences	----	----	0.855
54.	Journal of Pure and Applied Microbiology	----	----	0.073
55.	Journal of Thermal Analysis and Calorimetry	----	----	2.042
56.	Medical Oncology	----	----	2.634
57.	Molecular and Cellular Biochemistry	----	----	2.393
58.	Nanotoxicology	----	----	6.411
59.	Neuroscience	0.943	1.499	3.357
60.	Nutrition and Cancer	----	----	2.322
61.	Nutrition and Metabolism	----	----	0.43
62.	Parasitology	----	----	2.56
63.	Pharmacology, Biochemistry and Behavior	0.878	0.985	2.781
64.	Pharmaceutical Biology	----	----	1.241
65.	Phytomedicine	1.434	0.930	3.126
66.	PLOS ONE	----	----	3.234
67.	PLoS pathogens	----	----	8.057
68.	Proceedings of National Academy of Science	----	----	9.674
69.	Protoplasma	----	----	2.651

70.	Reproductive Toxicology	1.027	1.065	3.227
71.	Renal Failure	----	----	0.944
72.	Structural Biology and Crystallization Communication	----	----	0.527
73.	Toxicology	1.187	1.053	3.621
74.	Toxicology and Applied Pharmacology	1.193	1.220	3.705
75.	Toxicology in vitro	1.057	0.819	2.903
76.	Toxicology Mechanisms and Methods	----	----	1.517
77.	Tumour Biology	----	----	3.611
78.	World Journal of Microbiology and Biotechnology	----	----	1.779
79.	World Journal of Pharmaceutical Research	----	----	5.990

S. No.	Journal Name	Source Normalized Impact Factor (SNIP)	SCImago Journal Rank (SJR)	Impact Factor
1.	Advances in Pharmacological Science	----	----	----
2.	African Journal of Pharmacy and Pharmacology	0.99	0.27	----
3.	BBA – Mol Basis of Disease	----	----	----
4.	Brazilian Journal of Infectious Diseases	----	----	----
5.	British Journal of Medicine and Medical research	----	----	----
6.	Current Botany	----	----	----
7.	Indian Journal of Biochemistry and Biophysics	----	----	----
8.	Indian Journal of Geo-Marine Sciences	----	----	----
9.	International Journal of Applied Science and Engineering	----	----	----
10.	International Journal of Diabetes and Metabolism	----	----	----
11.	International Journal of Drug Development and Research	----	----	----
12.	International Journal of Herbal Medicine	----	----	----
13.	International Journal of Life Sciences Biotechnology and Pharma Research	----	----	----
14.	Journal of Cancer Prevention	----	----	----
15.	Journal of Chemical Biology	----	----	----
16.	Journal of Experimental and Applied Animal Science	----	----	----
17.	Journal of Food and Nutrition Research	----	----	----
18.	Journal of Pharmaceutical Research and Opinion	----	----	----
19.	Malaysian Journal of Microbiology	----	----	----
20.	Mycotoxin Research	----	----	----

Citation and H index: Pubmed / Google Scholar

Faculty	Citation	H-Index	
Prof. Shakir Ali	701 / 1237	15	19
Dr. Rana Zaidi	55 / 80	07	05
Dr. Saleem Javed	569 / 919	13	15
Dr. Waseem A. Siddiqui	246 / 401	08	11
Dr. Farah Khan	25 / 46	03	04
Dr. Heena Tabassum	190 / 266	06	07

- **Book**
Shakir Ali; (2014). The Cell: Organization, Function and Regulatory Mechanisms. Pearson Education, New Delhi. ISBN 9788131773284.
- **Chapter in Book**
Waseem Ahmad Siddiqui , November (2013); New Protein Purification Approaches. Edited by Ghulam Md Ashraf and Ishfaq Ahmed Sheikh. OMICS Group eBooks, 731 Gull Avenue, Foster City. CA 94404, USA. www.esciencecentral.org/ebooks.

23. Details of patents and income generated:	Nil												
24. Areas of consultancy and income generated:	Nil												
25. Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	Nil												
26. Faculty serving in:	<p>(xxx) National committees: (xxxi) International committees (xxxii) Editorial Boards of journals (xxxiii) any other (please specify) Nil</p>												
27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):	<table border="1"> <thead> <tr> <th>S. No</th> <th>Name</th> <th colspan="2">Conferences/Seminars/Workshops</th> </tr> <tr> <th></th> <th></th> <th>Titles/Theme/Area</th> <th>Date and Year</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Dr. Rana Zaidi</td> <td></td> <td></td> </tr> </tbody> </table>	S. No	Name	Conferences/Seminars/Workshops				Titles/Theme/Area	Date and Year	1.	Dr. Rana Zaidi		
S. No	Name	Conferences/Seminars/Workshops											
		Titles/Theme/Area	Date and Year										
1.	Dr. Rana Zaidi												

			<ol style="list-style-type: none"> 1. Training Program on “Transgenic Technology: Methods and Application” 2. National Workshop on Strengthening the Role and Functioning of Equal Opportunity Cells. 3. Workshop on “Patenting Process” 4. 3rd Bioinformatics Seminar cum Hands-on-Training on “Computational Protein Structure Prediction ” 	<p>12-17 March, 2012</p> <p>17-21 December, 2012</p> <p>22 November, 2011</p> <p>28-29, November, 2011</p>
	2.	Dr. Waseem A. Siddiqui	<ol style="list-style-type: none"> 1. Workshop on “Recent Advancements in Molecular Modelling and Drug Design” 2. 6th Bioinformatics Workshop Cum Hands-On-Training on “Bioinformatics and Biologicals” 3. 5th Bioinformatics Workshop Cum Hands-On-Training on “ Multicriteria Drug Design 4. Workshop on “Patenting Process” 5. Refresher course in Bio- & Life Sciences, Kumayun University 	<p>21-22, November, 2015</p> <p>27-28 November, 2014</p> <p>03-04, September, 2013</p> <p>22 November, 2011</p> <p>05-25 July, 2011</p>
	3.	Dr. Farah Khan	<ol style="list-style-type: none"> 1. Training in “Cheminformatics under Faculty Development Programme” 2. Workshop on “Recent Advancements in Molecular Modelling and Drug Design” 3. Workshop on “Innovations in Educational System: Key to Educational Reforms” 4. 5th Bioinformatics Workshop Cum Hands-On-Training on “ Multicriteria Drug Design 	<p>21-31 December, 2015</p> <p>21-22 November, 2015</p> <p>25, November, 2013</p> <p>03-04, September, 2013</p>
28.	Student projects:		Nil	

<p>29.</p>	<p>Awards /recognitions received at the national and international level by:</p>	<ul style="list-style-type: none"> • Faculty Prof. Shakir Ali: UGC Research Award 2014 • Doctoral Fellows 1.Sadia Qamar awarded NETLS in 2014. 2.Ashwani Kesarwani: DST INSPIRE Fellow 2014 3.Sapna Singh ARS NET (In Service candidate) 2014 4.Hasina Najnin: Awarded UGCMANF in 2014. 5.Samina Bashir:Jawahar Lal Nehru Scholarship for Doctoral studies from Jawahar Lal Nehru Memorial fund, 2014. 6. Samina Bashir:First prize at the international conference IMMUNOCON 2014 organized by the Department of Immunology, School of Biological Sciences, Madurai Kamaraj University. 7.Tijjani Salihu: ICCR Fellow,2012 8.Yadhu Sharma: Awarded UGCJRF 2011 09.Amena Mahmood:UGC BSR Nov 2011. 10.Indusmita Routray : Project Fellow in UGCSAP 2011. 11.Puja Bhardwaj awarded the CSIR-UGC NET LS in 2011. 		
<p>30.</p>	<p>Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.:</p>			
<p>Serial No.</p>	<p>Title Seminars/ Conferences/ Workshops</p>	<p>Dates</p>	<p>No. of Participants</p>	<p>Outstanding participants (keynote, speakers, eminent scientist/academicians)</p>
<p>Conferences</p>				
<p>1.</p>	<p>UGC SAP Sponsored National Conference on Chronic Inflammatory Disorders.</p>	<p>13-15 February, 2014</p>	<p>49</p>	<p>Prof. Dwivedi, Dean, HIMSR Prof. DK Srivastava, Head Biochemistry, HIMSR Prof. Kalpana Luthra, AIIMS Prof. DN Rao, AIIMS Prof. Girish Sharma</p>
<p>2.</p>	<p>UGC sponsored National Conference on Bioelectronics and Biomedical Technology</p>	<p>29 January, 2013</p>		<p>Dr. R.P Tripathi, Directors, INMAS Dr. B.D Malhotra, DTU</p>
<p>Workshops</p>				
<p>1.</p>	<p>7thBioinformatics symposium cum hands-on on high Performance Bioinformatics and Biomedicine 2015</p>	<p>8,9 December, 2015</p>	<p>27</p>	
<p>2.</p>	<p>5th Bioinformatics workshop cum hands-on training 2013 on</p>	<p>3,4 September, 2013</p>	<p>23</p>	<p>Dr. Madhan Mohan, Advisor, DBT Dr. Dinesh Gupta, ICGEB</p>

		Multicriteria Drug Design				
	3.	4 th Bioinformatics Conference-cum-Workshop on Application of Bioinformatics in Drug Discovery and Development	19, 20 October, 2012	25	Prof. T.P Singh, AIIMS Prof. B Jayram, IIT Delhi Prof. Indira Ghosh, JNU Dr. Ramachandran, IGBI Dr.Rana Zaidi JH Dr. Dinesh Gupta, ICGEB	
	4.	3 rd Bioinformatics Seminar cum Hands-on Training 2011 on Computational Protein Structure Prediction	28,29 November, 2011	26	Dr. T. Madhan Mohan, Advisor, DBT Dr. RR Hirwani. Director, URDIP (CSIR), Pune	
31.	Code of ethics for research followed by the departments:		(xiii) IAEC (xiv) Ethics committee			
32.	Student profile programme-wise:					
	Name of the Programme	Year	Application Received	Total No. of Student	Pass Percentage (%)	Pass Percentage (%)
				Male	Female	
	M.Sc	2013-2015	123	3	14	100%
		2012-2014	103	3	16	
		2011-2013	294+88 SFS	6	12	
		2010-2012	269+34SFS	14	7	
		2009-2011	360+119SFS	6	10	
	Total			32	59	
	Ph.D	2015	17	3	---	100%
		2014	28	3	5	
		2013	58	---	1	
		2012	44	---	2	
		2011		---	2	
	Total			16		
33.	Diversity of students:					
	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries	
	M.Sc	2009-2011	56.25	37.5	6.25	
		2010-2012	19.04	71.42	9.52	

		2011-2013	22.22	77.77	11.11
		2012-2014	63.15	36.84	0
		2013-2015	41.17	58.82	0
	Name of the Programme	Year	% of students from the same university	% of students from other universities (MoU)	% of student from other countries
	Ph.D	2011-2015	60	33.33	6.66
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:				
S. No.	Fellowship Awards	Name of Students	Male/Female	No. of Males	No. of Females
1.	CSIR/ICMR-JRF	1. Monika Dahe 2013 2. Yadhu Sharma	Female		
				Total	
2.	NET-LS	1. Heena Rehman 2015 2. Sadia Qamar 3. Puja Bhardwaj 4. Samina Bashir	Female Female Female Female		
3.	GATE	1. Heena Agarwal 2013 2. Astha Dheer 2012 3. Bhanupratap Singh 2012 4. Midhat Shadab 2012 5. Heena Aggarwal 2012	Female Female Male Female Female Male Male		

			<p>6.Shatrunjay 2012</p> <p>7.Rohit Gautam 2011</p>																										
	4.	DST Inspire	Ashwani Kesarwani	Male																									
	5.	UGC MANF- JRF	1. Hasina Najnin	Female																									
35.	Student progression:		Nil																										
36.	Diversity of staff:		from other states 80%, from New Delhi 10%																										
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:		Nil																										
38.	Present details of departmental infrastructural facilities with regard to		(i) Library Students use central library facility. (ii) Internet facilities for staff and students; Wifi (iii) Total number of class rooms 02 (iv) Class rooms with ICT facility; All (v) Students' laboratories; 02 PG Labs (vi) Research laboratories; 06																										
39.	List of doctoral, post-doctoral students and Research Associates:		<p>(viii) From the host institution/university</p> <table border="1"> <thead> <tr> <th>Students</th> <th>Supervisor</th> <th>Co-Supervisor</th> </tr> </thead> <tbody> <tr> <td>Ms. Yadhu Sharma</td> <td>Dr.Farah Khan</td> <td>Prof. Altaf Ahamad</td> </tr> <tr> <td>Ms. Amena Mahmood</td> <td>Prof. Shakir Ali</td> <td>-</td> </tr> <tr> <td>Ms. Samina Bashir</td> <td>Dr. Farah Khan</td> <td>-</td> </tr> <tr> <td>Mr. Tijjani Salihu Shinkafi</td> <td>Prof. Shakir Ali</td> <td>-</td> </tr> <tr> <td>Mr. Ashwani Kesarwani</td> <td>Dr. Rana Zaidi</td> <td>Dr. P K Upadhyay (NII)</td> </tr> <tr> <td>Mr. Nisat Alam</td> <td>Dr. Rana Zaidi</td> <td>-</td> </tr> <tr> <td>Ms. Hasina</td> <td>Dr. W. A.</td> <td>Dr. Mohd Mujeeb</td> </tr> </tbody> </table>			Students	Supervisor	Co-Supervisor	Ms. Yadhu Sharma	Dr.Farah Khan	Prof. Altaf Ahamad	Ms. Amena Mahmood	Prof. Shakir Ali	-	Ms. Samina Bashir	Dr. Farah Khan	-	Mr. Tijjani Salihu Shinkafi	Prof. Shakir Ali	-	Mr. Ashwani Kesarwani	Dr. Rana Zaidi	Dr. P K Upadhyay (NII)	Mr. Nisat Alam	Dr. Rana Zaidi	-	Ms. Hasina	Dr. W. A.	Dr. Mohd Mujeeb
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Ms. Vandana Thakur	Dr.Asif Mohammad	Prof.Shakir Ali																																			
40.	Number of post graduate students getting financial assistance from the university.	<table border="1"> <thead> <tr> <th>Year</th> <th>Scholarship Name</th> <th>Awardee</th> </tr> </thead> <tbody> <tr> <td rowspan="4">2015</td> <td rowspan="4">Daiichi Sankyo Scholarship</td> <td>Ms.Kritika Mahajan</td> </tr> <tr> <td>Ms. Reshmee Bhattacharya</td> </tr> <tr> <td>Ms. Heena Rehman</td> </tr> <tr> <td>Ms. Surbhi Nayar</td> </tr> <tr> <td rowspan="4">2014-15</td> <td>Mrs. Shakila Naqvi Merit Scholarship</td> <td rowspan="4">Ms. Kanza Saleem</td> </tr> <tr> <td>Late Haji Mohd Asif Scholarship</td> </tr> <tr> <td>Prof. Masroor Alam Beg Memorial Scholarship</td> </tr> <tr> <td>Hakeem Abdul Majeed Scholarship</td> </tr> <tr> <td rowspan="4">2013-14</td> <td>Mrs. Shakila Naqvi Merit Scholarship</td> <td rowspan="4">Ms. Arshi Islam</td> </tr> <tr> <td>Late Haji Mohd Asif Scholarship</td> </tr> <tr> <td>Prof. Masroor Alam Beg Memorial Scholarship</td> </tr> <tr> <td>Hakeem Abdul Majeed Scholarship</td> </tr> <tr> <td rowspan="4">2012-13</td> <td>Mrs. Shakila Naqvi Merit Scholarship</td> <td rowspan="4">Ms. Tayyaba Afshan</td> </tr> <tr> <td>Late Haji Mohd Asif Scholarship</td> </tr> <tr> <td>Prof. Masroor Alam Beg Memorial Scholarship</td> </tr> <tr> <td>Hakeem Abdul Majeed Scholarship</td> </tr> <tr> <td rowspan="4">2011-12</td> <td>Mrs. Shakila Naqvi Merit Scholarship</td> <td>Ms. Priyanka Jain</td> </tr> <tr> <td>Late Haji Mohd Asif Scholarship</td> <td>Ms. Sana</td> </tr> <tr> <td>Prof. Masroor Alam Beg Memorial Scholarship</td> <td rowspan="2">Mr. Sami-ur-Rasheed</td> </tr> <tr> <td>Hakeem Abdul Majeed Scholarship</td> </tr> </tbody> </table>	Year	Scholarship Name	Awardee	2015	Daiichi Sankyo Scholarship	Ms.Kritika Mahajan	Ms. Reshmee Bhattacharya	Ms. Heena Rehman	Ms. Surbhi Nayar	2014-15	Mrs. Shakila Naqvi Merit Scholarship	Ms. Kanza Saleem	Late Haji Mohd Asif Scholarship	Prof. Masroor Alam Beg Memorial Scholarship	Hakeem Abdul Majeed Scholarship	2013-14	Mrs. Shakila Naqvi Merit Scholarship	Ms. Arshi Islam	Late Haji Mohd Asif Scholarship	Prof. Masroor Alam Beg Memorial Scholarship	Hakeem Abdul Majeed Scholarship	2012-13	Mrs. Shakila Naqvi Merit Scholarship	Ms. Tayyaba Afshan	Late Haji Mohd Asif Scholarship	Prof. Masroor Alam Beg Memorial Scholarship	Hakeem Abdul Majeed Scholarship	2011-12	Mrs. Shakila Naqvi Merit Scholarship	Ms. Priyanka Jain	Late Haji Mohd Asif Scholarship	Ms. Sana	Prof. Masroor Alam Beg Memorial Scholarship	Mr. Sami-ur-Rasheed	Hakeem Abdul Majeed Scholarship
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41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	Discussions,Feedbacks and final approval from external member experts in Board of Studies and Academic Council of JH for syllabus upgradation. We also consider the syllabii of different universities.																																			
42.	Does the department obtain feedback from:	Faculty feedback is obtained in departmental meetings, student feedback is obtained regularly, we																																			

		implement it in our department curriculum, alumni feedback is also obtained regarding the department.
43.	List the distinguished alumni of the department (maximum 10):	Neha Dhasmana 2015 Fulbright Foreign Student Program Imtiyaz Yaseen 2015 Discovers TB cure Tanveer Ali Dar 2015 Assistant Professor Clinical Biochemistry Program Srinagar. Mohd.W.Nasser 1997
44.	Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.:	<u>Lectures/Awareness programs Organized for faculty, Non teaching staff and students</u> 1.Organized the Fifth Lecture entitled “Constitutional and Social Guarantee for Equal Opportunity.” in Convention Center, Hall No 1 on 24 August 2015 at 10 am by Prof. Milap.C. Sharma from CSRD, Jawaharlal Nehru University, New Delhi. 2.Organized the Fourth Lecture entitled “ Gender Sensitization: Need of the Society” in Hall no 1 on 23 September 2014 by Dr. Sabiha Hussain from Dr. D.K.Narayanan Center for Dalit and Minorities at Jamia Millia Islamia, New Delhi. 3.Organized a lecture as Incharge Equal Opportunity Cell in Hall no 1, Convention Center, Jamia Hamdard, on Inclusive Policies through Equal Opportunity by Dr.D.K.Lobiyal from School of Computer and Systems Sciences, Jawaharlal Nehru University on 21February, 2013. 4.Organized a lecture on Inclusive Policies as Incharge Equal Opportunity Cell in hall no 2, Convention Center. Speaker was Prof. S. N. Malakar from Jawaharlal Nehru University, New Delhi on 11 April 2013. 5.Organized a lecture on Towards Safe University Campuses in Hall no 1, Convention Center, Jamia Hamdard by Prof Ayesha Kidwai School of Language, Literature and Culture Studies, Jawaharlal Nehru University, New Delhi on 9 September 2013.
45.	List the teaching methods adopted by the faculty for different programmes.:	Power point Blackboard teaching Provision of lecture notes/literature Research Publications related to syllabus topics are included in the lectures
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	Student feedback, group discussions, internal assessments, faculty meetings regarding individual feedbacks
47.	Highlight the participation of students and faculty in extension activities.	Sensitisation and Prevention of Sexual Harrassment Committee and Equal Opportunity Cell lectures organized. Students also attend lectures related to environmental aspects/ scientific lectures.
48.	Give details of “beyond syllabus scholarly activities” of the department.	Research students and faculty members attend national,internationalworkshops/seminars/conferences/post er presentation/oral presentations/review of papers
49.	State whether the programme/department is	NA

	accredited/graded by other agencies? If yes, give details.:	
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	<p>Strengths</p> <ol style="list-style-type: none"> 1. The department of Biochemistry offers both M.Sc and Ph.D course work programs relevant to the core discipline of biochemistry. 2. All faculty members are Ph.D and are well versed with subject knowledge, have diverse research interests, our syllabus is updated regularly keeping in view the Syllabus regarding NET. 3. The faculty members are involved in writing projects getting grants and publishing research, relevant to national and international scientific issues, which is reflected in the research publications of high impact. 4. Faculty members have participated in coaching of NET classes in other departments. Several M.Sc Biochemistry students from our department are engaged in pursuing doctoral, postdoctoral or other research programs in prestigious universities and institutes within the country as well as abroad. 5. The department has two well established cell culture labs and two central lab facilities for researchers (M.Sc &Ph.D scholars). <p>Weaknesses:</p> <ol style="list-style-type: none"> 1. More funds through projects have to be availed for betterment of the department. 2. Faculty and non-teaching staffs are required in more numbers. 3. We need to have a 24/7 power backup of power and water supply so that researchers and M.Sc. students can perform even better. This would save a lot of time and energy. 4. Infrastructure facilities have to be improved here. <p>Opportunities:</p> <ol style="list-style-type: none"> 1. Seminars and workshops to be organized more frequently. 2. Subject based lectures to be arranged for regular knowledge update. 3. To attract more number of students for Ph.D programs. 4. Developing knowledge based competency in research through interactions/collaborations with academicians. 5. Inter-university and intra-university as well as institute-

		<p>university interactions to be encouraged.</p> <p>Challenges:</p> <ol style="list-style-type: none"> 1. We would strive hard for making the department a center for excellence in future. 2. We would like to engage in areas like nutraceutical research and cancer stem cell related studies. 3. Would encourage M.Sc students and Ph.D scholars to participate in seminars, workshops, symposiums to update their already existing knowledge so that it would be helpful in shaping their careers for the future.
<p>52.</p>	<p>Future plans of the department.:</p>	<p>Details of Post Graduate Teaching and Research Profile /Future Plans of the Department of Biochemistry for next five years</p> <ul style="list-style-type: none"> • Nutraceutical Research to explore the mechanism of action of nutraceuticals at the molecular level. DNA damage, repair studies, genotoxic, antigenotoxic potential of selected phytochemicals and dietary antioxidants are proposed to be carried out. • Standardization of extracts from medicinal plants used to treat diabetes in traditional system, isolation of active compounds. Studies on the biochemical parameters and histopathological analysis, studies of molecular mechanisms underlying the effect of anti- diabetic agents. • Besides continuing studies on cell death mechanisms we propose to study the mechanistic aspects of chronic inflammatory disorders and their modulation in animal model. • Research in the field of insulin resistance with focus on developing Fluorescence Resonance Energy Transfer based biosensors will be carried out. Newer drug development targets will be researched upon for modulation of macrophage polarization leading to reversal of insulin resistance.

EVALUATIVE REPORT OF THE DEPARTEMENT

1	Name of the Department	BIOTECHNOLOGY		
2	Year of Establishment	1997		
3	Is the Department part of a School/Faculty of the university?	Yes, Faculty of Science		
4	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	<ul style="list-style-type: none"> ➤ PG (M.Sc. Biotechnology) ➤ Ph.D. in Biotechnology 		
5	Interdisciplinary programmes and departments involved:	Department of Biochemistry and Department of Biotechnology are involved in cooperative teaching at M.Sc. Level. Department of Biotechnology is also involved in interdisciplinary Ph.D. program at FEIS and HIMSR.		
6	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA		
7	Details of programmes discontinued, if any, with reasons:	NA		
8	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Semester with Choice Based Credit System		
9	Participation of the department in the courses offered by other departments:	<ul style="list-style-type: none"> ➤ Ph.D. Course work in Faculty of Science ➤ Choice Based Credit System (Other Departments and Faculties of Jamia Hamdard) 		
10	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Assistant Professors/others):			
	Heads	Sanctioned	Filled	Actual (including CAS & MPS)
	Professors	2	03	03
	Associate Professors	1	Nil	Nil
	Asst. Professors	5	03	03
	Others		Nil	Nil

- Professor P.S. Srivastava Superannuated on 31/10/2012
 - Professor S.K. Jain Superannuated on 31/7/2014, but still associated with the Department and participating in teaching and research programme.
 - Professor Pratima Ray is appointed as Faculty Professor against the vacant position of Professor in Dept. of Biotechnology
- Professor M.Z. Abdin became Professor on 4/4/2005 through CAS.

11 Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 5
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				e	years
Dr. S.K. Jain	Ph.D.	Retired Professor	Animal Biotechnology	38	Awarded : 28 Submitted : 02 Ongoing : 03
Dr. M.Z. Abdin	Ph.D.	Professor & Head	Plant Biotechnology	29	Awarded : 20 Submitted : 02 Ongoing : 21
Dr. Pratima Ray	Ph.D.	Faculty Professor	Molecular Virology, Vaccinology	24	Awarded : Nil Submitted : Nil Ongoing : 02
Dr. Alka Narula	Ph.D.	Assistant Professor	Plant Biotechnology	12	Awarded : 02 Submitted : 02 Ongoing : 06
Dr. Humaira Farooqi	Ph.D.	Assistant Professor	Protein Biochemistry and Stress Biology	08	Awarded : 03 Submitted : Nil Ongoing : 06
Dr. Saima Wajid	Ph.D.	Assistant Professor	Clinical Genomics and Proteomics, Molecular Oncology	05	Awarded : 02 Submitted : Nil Ongoing : 13
12	List of Senior Visiting Fellows, adjunct faculty, emeritus professors: a) Dr. Malti Goel , (Visiting Professor), Centre for Science, Policy Studies, JNU, New Delhi b) Dr. A.H. Munshi , (Visiting Professor), Retd. Professor, University of Kashmir, Srinagar (J&K) c) Dr. M.A. Khalid , (Visiting Professor) Group Head, Pharmacovigilance, Panacea Biotech, New Delhi				
13	Percentage of classes taken by temporary faculty – programme-wise information: No temporary faculty.				
14	Programme-wise Student Teacher Ratio :				
	Programme		Student teacher Ratio		
	M.Sc. Biotechnology		12.66:1		
	Ph.D. Biotechnology		10.17:1		
15	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:				
	Designation	Sanctioned		Filled/ Actual	
	Jr. Assistant	01		01	
	Technical Assistant	02		02	
	Research Assistant	01		01	
	Lab Assistant	01		01	
	Lab Attendant	02		02	
16	Research thrust areas as recognized by major funding agencies: a) Transcriptional and post-transcriptional gene regulation in medicinal plants and oil seed crops to improve secondary metabolites and agronomic traits. b) Improvement in secondary metabolites of medicinal plants through tissue culture. c) Genomics/ Proteomics of cancers and development of biomarkers for their early detection. d) Development of diagnostic tests for infectious/non-infectious diseases e) Vaccine development. f) Molecular virology and Vaccinology (Human viruses). g) <i>In vivo</i> and <i>in vitro</i> conservation of medicinal plants. h) Transgenics of vegetables, floriculture and oil crops with improved agronomic traits.				

17	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:		
Name of the Faculty	Title of the Ongoing Project	National/International funding agencies	Grant Received (Lakhs) (Rs.)
Prof. S.K. Jain	Proteomic based biomarkers for early detection of hepatocarcinoma.	UGC 01.07.2011 to 31.12.2014	5,98,800/-
Prof. M.Z. Abdin	Development of standard operational procedure and pharmacopoeia standard of compound Unani drugs.	CCRUM 22.02.2008 to 21.2.2011	29,00,000/-
	Development of <i>Artemisia annua</i> L. plants with high artemisinin content through genetic modulation of key enzymes of Artemisinin biosynthesis	DST 29.11.2010 to 28.11.2013	97,64,000/-
	Optimization of conditions of cell suspension and hairy root culture from <i>Artemisia annua</i> L. plant for enhanced production of <i>artemisinin</i> .	DRDO 06.07.2010 to 05.07.2013	29,95,080/-
	Establishing function of osmotin protein in proline biosynthesis in plants through data mining and bioinformatic tools.	UGC 02.01.2009 to 08.01.2012	5,75,200/-
Prof. Pratima Ray	National hospital based rotavirus surveillance network.	ICMR 27.12.2012 to 26.12.2016	58,72,056/-
	Indo-US program on human immunity to chikungunya virus.	DBT 23.09.2013 to 22.09.2016	2,08,21,832/-
Dr. Alka Narula	Micropropagation and transformation of dendrocalamus strictus – an economically important bamboo	UGC 01.07.2011 to 30.06.2014	9,23,800/-
	Ectopic expression of Atleafy (Lfy) in <i>Brassica juncea</i> for early flowering.	DST (Young Scientist Award Fast Track project) 02.03.2012 to 01.03.2015	21,48,000/-
	Micropropagation and	DST	

	Agrobacterium tumefaciens mediated transformation of <i>Tylophora indica</i> (Burm. f.) Merrill.	(Mentor of Women Scientist Scheme project, PI: Ms. Kshipra Kapil) 15.06.2011 to 14.06.2014	14,16,000/-
Dr. Humaira Farooqi	Protein Stabilization by Boron: A thermodynamic study of protein folding/ unfolding.	Jamia Hamdard - (RPG) 07.09.2011 to 06.09.2013	4,00,000/-
Dr. Saima Wajid	Transcriptome analysis to cluster genes involved in breast carcinogenesis using micro and minisatellites.	Jamia Hamdard – (RPG) 07.09.2011 to 06.09.2013	4,00,000/-
	Differential protein expression in renal amyloidosis	ICMR 23.03.2015 to 22.03.2018	33,51,257/- (Grant received for the first year)
18	Inter-institutional collaborative projects and associated grants received: National collaboration : NA International Collaboration : NA		
19	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):		
	Funding Agency	Project Title, If any	Grant Received
	UGC	UGC-BSR, One time grant to a) Prof. S.K. Jain b) Prof. M.Z. Abdin 2011 – 2012	7 Lakhs 7 Lakhs
	UGC	UGC-SAP (DRS-I) 01.04.2011 to 31.03.2016	65 Lakhs
	UGC	Infrastructure Grant 2011 – 2012	20 Lakhs
20	Research facility/centre with:		
	<ul style="list-style-type: none"> • Cell culture facility • Departmental instrumentation facility • Plant tissue culture facility with controlled temperature, humidity and light intensity having instrumentation room, transformation room and media preparation room • Nethouse and environmentally controlled Growth Rooms (5 Chambers) • Well equipped and maintained Transgenic Containment Facility • Seven research laboratories including M.Sc. research laboratory 		
21	Special research laboratories sponsored by/created by industry or corporate bodies:		
	<u>CENTRE FOR TRANSGENIC PLANT DEVELOPMENT :</u> The Centre is a unit of Department of Biotechnology. It was established in 2004 with the grant from		

	<p>TMOP&M, Ministry cooperation, Govt. of India and inaugurated by the former Agriculture Minister, Mr. Rajnath Singh (Presently Home Minister)It is equipped with the state of the art facilities to train the Ph.D and post doctoral students and to carry out research in various disciplines of plant and microbial biotechnology, gene cloning, delivery and expression in microbes and plants aimed at improving their productive and qualitative traits. The major R & D activities pursued includes cloning and characterization of novel genes linked with tolerance to biotic and abiotic stresses and quality traits of medicinal and crop plants; authentication and standardization of crude components of herbal formulations; nano vehicle assisted gene delivery and expression in medicinal and crop plants. The thrust areas of centre also include improving the quality of medicinal crops through genetic engineering of metabolic pathways; in vivo and in vitro conservation of medicinal plants; proteomics of host-pathogen interactions; development of easy, rapid, sensitive, cost effective method for aflatoxigenic mould detection in the groundnut kernels and soil; and identification and quantification of aflotoxins in the food and feed. The centre has received grants from government agencies such as DST, DBT, Department of AYUSH, CCRUM, CSIR, ICMR, DRDO etc. for R & D projects carried out at the centre. Three post-doctoral students are also working in the Centre for Transgenic Plant Development.</p>
22	<p>Publications: (last 5 years):</p> <ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): 187 • Monographs: None • Chapters in Books: 10 • Edited Books : 01 • Books with ISBN with details of publishers: None • Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) • Citation Index – range / average : Tabulated below • SNIP : Tabulated below • SJR : Tabulated below • Impact Factor Range: 0.073-11.753 Average: 2.54 • h-index: Tabulated below
	<p>Publications</p> <p><u>2015</u></p> <ol style="list-style-type: none"> 1) Raut R, Beesetti H, Tyagi P, Khanna I, Jain SK, Jeankumar VU, Yogeeswari P, Sriram D and Swaminathan S (2015) A small molecule inhibitor of dengue virus type 2 protease inhibits the replication of all four dengue virus serotypes in cell culture. <i>Virology journal</i>,12:16, ISSN:1098-5514 [IF: 4.609]. 2) Zargar S, Wani TA and Jain SK (2015) Identification of putative Vero cell protein(s) that bind specifically to recombinant envelope protein of Dengue virus type 2. <i>Tropical Journal of Pharmaceutical Research</i>.14, 997, ISSN:1596-5996 [IF: 0.589]. 3) Nand KN, Gupta JC, Panda AK and Jain SK (2015). Development of a recombinant hCG-specific single chain immunotoxin cytotoxic to hCG expressing cancer cells.<i>Protein Expression and Purification</i> ,106, 10-17, ISSN: 1046-5928 [IF:1.644]. 4) Nand KN, Gupta JC, Panda AK, Jain SK and Talwar GP (2015). Priming with DNA enhances considerably the immunogenicity of hCGβ-LTB vaccine. <i>American Journal of Reproductive Immunology</i>,ISSN: 1600-0897 [IF: 2.668]. 5) Khowal S, Mustufa MAA, Chaudhary NK, Naqvi SH, Parvez S, Jain SK and Wajid S (2015) Assessment of therapeutic potential of Hesperidin and proteomic resolution oof diabetes mediated neuronal fluctuations expediting Alzheimer’s disease.<i>Royal Society Chemistry Advances</i>, 5, 46965-46980, ISSN: 2046-2069, [IF: 3.708]. 6) Madaan A, Verma R, Singh AT, Jain SK and Jaggi M (2015). 1,8-naphthyridine derivatives: A review of multiple biological activities. <i>Arch Pharmazie</i>, ISSN:1521-4184 [IF: 1.531].

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Citation And H-index: (Google Scholar)

Name of the Faculty	Citations	h-index
Dr. S.K. Jain	952	12
Dr. M.Z. Abdin	499	11
Dr. Alka Narula	132	7
Dr. Humaira Farooqi	44	4
Dr. Saima Wajid	52	4

S.No.	JOURNAL	SNIP	SJR	Impact Factor	ISSN
1.	ActaPhysiologiaePlantarum.	0.598	1.431	1.584	1861-1664
2.	<u>ACS Med Chem Lett.</u>	0.684	1.09	3.120	1948-5875
3.	Afr. J. Biotechnol.	0.90	0.26	0.644	1684-5315
4.	Antimicrob. Agents Chemother.	0.743	2.01	4.476	1098-6596
5.	Appl. Biochem. Biotechnol.	1.011	0.59	1.735	1559-0291
6.	Am J ReprodImmunol.	0.687	1.1	2.438	1600-0897
7.	Applied. Microbiol. Biotechnol.	1.358	1.17	3.337	1432-0614
8.	Ann Biol Res	-----	-----	-----	0976-1233
9.	<u>Annals of Microbiology</u>	0.72	0.388	0.99	1869-2044
10.	Arch Pharm	0.747	0.489	1.531	1521-4184
11.	Asian Pacific J. Cancer Prev.	1.007	0.641	2.51	1513-7368
12.	<u>Atherosclerosis.</u>	1.335	1.529	3.994	0021-9150
13.	<u>Autophagy.</u>	1.687	3.032	11.753	1554-8635

14.	Aus. J. Crop Sci.	1.029	0.42	1.632	1835-2707
15.	<u>Biomed Chromatogr.</u>	0.849	0.594	1.723	1099-0801
16.	<u>Biomed Pharmacother</u>	0.754	0.686	2.023	0753-3322
17.	Biochem. Biophys. Res. Commun.	0.676	1.006	2.297	0006-291x
18.	BioMed Research International	0.576	0.613	1.579	1110-7243
19.	Biologia	0.578	0.281	0.827	1336-9563
20.	Bioinform.	1.729	3.576	4.981	1460-2059
21.	Carcinogenesis	1.311	2.152	5.334	1460-2180
22.	Cell. Immunol.	0.621	0.792	1.924	0008-8749
23.	Cent. Eur. J Biol.	0.518	0.274	0.710	1644-3632
24.	CurrSci	0.771	0.293	0.926	0011-3891
25.	Chemico-Biological Interaction	0.946	0.867	2.577	0009-2797
26.	Clin Vaccine Immunol.	0.934	1.157	2.47	1556-679x
27.	Chemosphere	1.565	1.409	3.340	0045-6535
28.	<u>Curr. Drug Discov. Technol.</u>	0.549	0.589	1.821	1875-6220
29.	Current Pharmaceutical Design	0.892	1.087	3.452	1873-4286
30.	Curr. Tren. Biotechnol. Pharm.	0.223	0.158	0.311	2230-7303
31.	Dis Markers	0.604	0.65	1.562	1875-8630
32.	Dros. Inf. Serv.	-----	-----	-----	0070-7333
33.	Environ. Process	-----	-----	-----	2198-7505
34.	Environ. Mol. Mutagen	0.766	<u>0.833</u>	2.63	1098-2280
35.	Environ. Toxicol.	0.96	0.671	3.197	1522-7278
36.	Eur Asian Journal of Biosciences	0.025	0.12	0.083	1307-9867
37.	Eur. J. Pharmacol	0.976	0.871	2.532	1879-0712
38.	<u>Evid Based Complement Alternat Med.</u>	0.592	0.503	1.880	1741-4288
39.	Exper. Toxic. Pathol	1.122	0.685	1.8660	0940-2993
40.	Fitoterapia	1.493	0.816	2.345	0367-326X
41.	FEBS J.	1.13	1.866	4.001	1742-4658
42.	Food Control	1.652	1.256	2.806	0956-7135
43.	Food Res. Internatl	1.663	1.345	2.818	0963-9969
44.	Free Radical Res.	0.881	0.845	2.976	1029-2470
45.	<u>Front Microbiol.</u>	1.071	1.585	3.989	1664-302X
46.	Gene	0.736	0.86	2.138	0378-1119
47.	GM Crops & Food	-----	0.499	-----	2164-5701
48.	GJRA	-----	-----	3.62	2277 - 8160
49.	Ind. J. Biochem. Biophys	0.511	0.319	0.87	0975-0959
50.	Ind. Crops Prod.	1.648	1.002	2.873	0926-6690
51.	Ind. J. Biotech.	0.631	0.234	0.386	0975-0967
52.	Ind. J. Microbiol.	0.728	0.327	0.899	0973-7715
53.	ImmunopharmacolImmunotoxicol	0.629	0.465	1.203	1532-2513
54.	Infection Genet. Evol.	1.048	1.205	3.015	1567-1348
55.	Industrial Crops and Products	1.648	1.002	2.837	0926-6690
56.	Int. J.Gen. Can.	-----	-----	-----	2393-8293
57.	IntImmunopharmacol.	0.982	0.9	2.472	1567-5769
58.	Intl J Hygiene Environ.Health	1.491	1.131	3.829	1438-4639
59.	Int. J. Phytomed.	0.574	0.229	1.23	0975-0185
60.	ISRN Chromatography	-----	-----	-----	2090-8636
61.	Int. J. Pharm. Pharm. Sci.	0.643	0.298	0.609	0975 – 1491
62.	<i>J BiomaterAppl</i>	0.954	0.594	2.19	1530-8022

63.	J. Biol Methods	-----	-----	-----	2326-9901
64.	J. Environ. Biol.	0.756	0.31	0.56	2394-0379
65.	J. Pineal Res.	1.879	2.386	9.6	1600-079X
66.	J. Pharm. Sci.	1.096	0.909	2.59	1520-6017
67.	J. of Phytology	-----	-----	-----	2075-6240
68.	<u>J Proteomics.</u>	1.052	1.146	3.888	1874-3919
69	J. Pure Appl. Microbiol.	0.188	0.13	0.073	0973-7510
70.	Journal of Plant	1.07	0.867	1.823	1618-0860
71.	J. Plant Interactions.	0.616	0.364	0.87	1742-9153
72.	<u>J. Hazardous Mat</u>	2.17	1.644	4.529	03043894
73.	J. Mat. Chem.	2.264	2.264	6.626	2050-7518
74.	J. Microbiol.	0.816	0.592	1.439	1976-3794
75.	J. Nanobiotech.	1.19	1.027	4.115	1477-3155
76.	J. Sci. Food Agri.	1.078	0.744	1.714	1097-0010
77.	J Therm Anal Calorim	1.167	0.603	2.042	1572-8943
78.	Microb Ecol.	1.043	1.116	2.973	1432-184X
79	Microbiol. Res	1.216	0.815	2.561	0944-5013
80.	<u>Microbiologyopen.</u>	1.000	1.034	2.213	2045-8827
81.	Molec. Cell. Biochem	0.81	0.895	2.393	1573-4919
82.	Molec Cell Bio.	1.329	2.57	4.777	1098-5549
83.	MolBiochemParasitol.	0.611	1.056	1.787	0166-6851
84.	MolBiol Rep.	0.845	0.631	2.024	1573-4978
85.	MolNeurobiol.	1.154	1.892	5.137	1559-1182
86	Molec. Carcinogenesis	1.041	1.397	4.808	1098-2744
87.	Mycotoxin Res.	0.741	0.47	1.446	1867-1632
88.	<u>Mycorrhiza.</u>	1.284	1.209	3.459	1432-1890
89.	Mol Cell Endocrinol.	1.181	1.665	4.405	0303-7207
90.	<u>Neurobiol Aging.</u>	1.200	2.199	5.013	0197-4580
91.	Nutrition	1.33	0.952	2.926	0899-9007
92.	<u>Parasit Vectors.</u>	-----	-----	3.430	1756-3305
93.	Ped. Inf. Dis. J	1.063	1.524	2.723	1532-0987
94.	Plant Biotechnol. Rep.	0.619	0.401	1.188	1863-5474
95.	Plant Cell Rep.	1.18	1.051	3.071	1432-203X
96.	<u>Plant Physiol Biochem</u>	1.074	0.903	2.756	0981-9428
97.	PLoS ONE	1.922	1.37	3.234	<u>1932-6203</u>
98.	Plant Syst. Evol.	1.022	0.575	1.422	2199-6881
99.	Phytotherapy Research	1.189	0.829	2.66	1099-1573
100.	Phytochemistry	1.477	0.993	2.547	0031-9422
101.	Phytochem. Anal.	1.233	0.759	2.341	1099-1565
102.	<u>Protein Expr Purif.</u>	0.789	0.715	1.695	1046-5928
103.	Protoplasma	0.942	0.957	2.651	1615-6102
104.	<u>Recent Pat Biotechnol.</u>	0.529	0.319	1.14	2212-4012
105.	<u>Rev. Recent Clin. Trials.</u>	0.557	0.431	1.447	1876-1038
106.	RSC Advances	0.95	1.026	3.84	2046-2069
107.	Saudi J. Biol.Sci.	1.012	0.410	1.257	1319-562X
108.	<u>SciHort</u>	1.349	0.702	1.365	0304-4238
109.	Syst Synth Biol.	0.409	0.447	0.932	1872-5333
110.	Springer Plus	-----	-----	-----	2193-1801
111.	Symbiosis	0.759	0.595	1.438	1878-7665
112.	The IJST	NA	NA	1.002	2321 919X

113.	ToxicolSci	1.287	1.542	3.854	1096-0929
114.	Toxicol Mechanism Methods	0.614	0.492	1.517	1537-6524
115.	Trop. J Pharm. Res.	0.711	0.238	0.589	1596-9827
116.	TumourBiol	0.897	0.882	3.611	1423-0380
117.	Vaccine	1.127	1.740	3.616	0264-410X
118.	Viol. J.	0.84	0.905	2.181	1743-422X
119.	Virus Gene	0.695	0.635	1.576	1572-994X
120.	Xenobiotica	0.827	0.713	2.199	1366-5928

Chapters in Books :

2013

- 1) Ram M, Jain DC, Mishra H, Mandal S and **Abdin MZ** (2013). Recent Advances to Enhance Yield of Artemisinin: A Novel Antimalarial Compound, in *Artemisia annua* L. Plants. In: T. Aftab et al. (eds.), *Artemisia annua - Pharmacology and Biotechnology*, DOI: 10.1007/978-3-642-41027-7_11, _ Springer-Verlag Berlin Heidelberg.
- 2) **Abdin MZ**, Khan MA, Ali A, Alam P, Ahmad A, Sarwat M (2013). Signal Transduction and Regulatory Networks in Plant-Pathogen Interaction: A Proteomics Perspective. In: Sarwat M, Ahmad A, **Abdin MZ** (Eds.), *Stress Signaling in Plants: Genomics and Proteomics Perspective*, Volume 1, Springer Publishers, ISBN 978-1-4614-6371-9. pp. 69-90.
- 3) M Sarwat, Rathore P, Nabi G, **Abdin MZ**, Ahmad A (2013). Auxin Genes and Auxin Responsive Factors in Signaling During Leaf Senescence. In: Sarwat M, Ahmad A, **Abdin MZ** (Eds.), *Stress Signaling in Plants: Genomics and Proteomics Perspective*, Volume 1, Springer Publishers, ISBN 978-1-4614-6371-9. pp. 91-103.
- 4) Kaur G, Wadhwa A, **Abdin MZ**, M Sarwat, Ahmad A (2013). Molecular Network of Nitrogen and Sulphur Signaling in Plants. In: Sarwat M, Ahmad A, **Abdin MZ** (Eds.), *Stress Signaling in Plants: Genomics and Proteomics Perspective*, Volume 1, Springer Publishers, ISBN 978-1-4614-6371-9. pp. 191-223.
- 5) Ali A, Khan MA, **Abdin MZ** (2013). Biosynthesis and Production of Artemisinin: A Novel Class of Molecule. In: Ramawat KG, Merillon JM (Eds.), *Handbook of Natural Products*, Springer-Verlag Berlin Heidelberg, DOI 10.1007/978-3-642-22144-6_133. pp. 3099-3121.
- 6) Sahni S, Soni KK, Hussain S, Ali Z, **Narula A**, Singh HB and Srivastava PS. 2013. Genetic Perspective of somatic embryogenesis. In: Aslam J, Srivastava and Sharma MP (Eds), *Somatic Embryogenesis and Gene Expression*, Narosa Publishing House, New Delhi, pp 201-230
- 7) Kumari G Kusumanjali K, **Narula A**, Srivastava PS and Das S. 2013. Aspects of microRNAs (miRNAs) in regulation of somatic embryogenesis. In: Aslam J, Srivastava and Sharma MP (Eds), *Somatic Embryogenesis and Gene Expression*, Narosa Publishing House, New Delhi, pp 231-244

2012

- 8) Ahmad MM, Alam P, **Abdin MZ**, Javed S (2012). Panfungal PCR Method for Detection of Aflatoxigenic Molds. In: Gupta VK, Tuohy M (Eds.), *Laboratory Protocols in Fungal Biology: Current Methods in Fungal Biology*, Springer-Verlag New York Inc., ISBN: 1461423554, pp. 495-499.

2011

- 9) Alam P, Ali A, Khan MA, **Abdin MZ** (2011). Use of RNAi in Medicinal Plants. In: Gaur RK,

	<p>Gafni Y, Sharma P, Gupta VK (Eds.), RNAi Technology, Science Publisher, USA, pp. 265-284.</p> <p>10) Ram M, Abdin MZ, Khan MA, Jha P (2011). HPTLC Fingerprint Analysis: A Quality Control for Authentication of Herbal Phytochemicals. In: Srivastava M (Ed.), High Performance Thin Layer Chromatography (HPTLC), Part 3, Springer, pp. 105-116.</p> <p>Edited Books :</p> <p>Professor M.Z. Abdin: Stress Signaling in Plants: Genomics and Proteomics Perspective, Volume 1 (2013). Sarwat M, Ahmad A, Abdin MZ (Eds.), pp: 400 Springer Publishers, ISBN 978-1-4614-6371-9.</p>
<p>23</p>	<p>Details of patents and income generated:</p> <p>a) S.K. Jain, Shabnam Malik and Deepshikha Pande-Katare (Inventors), Jamia Hamdard (Applicant), A Novel Biomarker for Early Detection of Liver Cancer. Application # 725/DEL/2013. Filed</p> <p>b) Abdin. MZ, Javed S, Panda BP, Saxena P, Ahlawat S, Ali A, An improved bioreactor for suspension and hairy root cultures. Application 2617/DEL/2013.</p>
<p>24</p>	<p>Areas of consultancy and income generated:</p> <p>a) The nutrient management technology developed in the Department for higher artemisinin yield and 1000 tissue culture raised seedlings of <i>Artemisia annua</i> L. were transferred to M/s Ipca Laboratories Ltd., Mumbai in a consultancy programme with consultancy amount of Rs. 6.00 Lakhs. – Professor M.Z. Abdin</p> <p>b) Development of S.Typhoid Rapid or Elisa test kit by using r-49KDa OMP to conduct initial studies, J Mitra & Co Pvt. Ltd paid a fess of Rs. 2,00,000/- towards consultancy amount to Jamia Hamdard. – Professor S.K. Jain</p> <p>c) To check out the suitability of the antigen in proposed test kit, M/s Oscar Medicare Pvt. Ltd paid Rs. 19,500/- towards consultancy amount to Jamia Hamdard to prepare more tests for evaluation and clinical trials – Professor S.K. Jain</p>
<p>25</p>	<p>Faculty selected nationally/internationally to visit other laboratories/ Institutions/ Industries in India and abroad:</p> <p>Nil</p>
<p>26</p>	<p>Faculty serving in:</p> <p>(a) National committees, (b) International committees, (c) Editorial Boards of journals, (d) Any other (please specify).</p> <p>a) National Committees</p> <p>Professor S.K. Jain</p> <ul style="list-style-type: none"> ➤ Director/ Member Co-ordinator, Internal Quality Assurance Cell & the Committee for Implementation of NAAC Recommendations, Hamdard University. ➤ Chairman, Research Project Advisory Committee, HIMSR. ➤ Member, UGC Expert Committee for Innovative Programmes, 2011. ➤ UGC Observer, CAS selection Committee, Shimla University, Samprnand Sanskrit University, Varanasi. ➤ Expert, DRC, APJ University, 2012. ➤ Chairman, RPAC, HIMSR, JH, New Delhi 2013. ➤ UGC nominee, UGC-SAP-DRS Phase II, BITS, Pilani 2013.

	<p>Professor M.Z. Abdin</p> <ul style="list-style-type: none"> ➤ Member of Institutional Ethics Committee on Stem Cell Research, Max Hospital, Saket, New Delhi. ➤ Member of Institutional Ethics Committee on Stem Cell Research, Max Hospital, Patparganj, New Delhi. ➤ Member Secretary of Institutional Biosafety Committee (IBSC), Jamia Hamdard, New Delhi. ➤ Member of review Committee of DST sponsored Projects. ➤ Member of Single Drug Sub-Committee of Unani pharmacopeia, Department of AYUSH, Ministry of Health and Family Welfare, Govt. of India. ➤ External Expert, Institutional Biosafety Committee (IBSC), Jamia Millia Islamia, New Delhi ➤ Member, Executive Council of Integral University, Lucknow, UP. ➤ Member, Departmental Research Committee, Amity Institute of Microbial Technology, Noida, UP. ➤ Coordinator, UGC-SAP (DRS-I), Dept. of Biotechnology, Jamia Hamdard, New Delhi. ➤ Life member, Indian Society for Plant Physiology, Division of Plant Physiology, IARI, New Delhi – 110012. ➤ Life member, Society for Plant Biochemistry and Biotechnology, Division of Biochemistry, IARI, New Delhi – 110012. ➤ Life member, The Indian Society of Genetics and Plant Breeding, IARI, New Delhi – 110012. ➤ Life member, National Environmental Science Academy, Alaknanda Community Centre, New Delhi – 110019. ➤ Life member, Biotechnology Society of India, Dept. of Biochemistry, Vallabhabhai Patel Chest Institute, university of Delhi, Delhi – 110007 ➤ Life member, Indian Science Congress Association, Kolkata, India <p>Professor Pratima Ray</p> <ul style="list-style-type: none"> ➤ Elected life member of American Society of Virology ➤ Life member, The Indian Immunology Society ➤ Life member, Indian Virological Society <p>Dr. Alka Narula</p> <ul style="list-style-type: none"> ➤ Elected as member of Plant Tissue Culture Association (PTCA) in 2010 <p>b) International committees : Nil</p> <p>c) Editorial Boards of journals</p> <ul style="list-style-type: none"> ➤ Professor M.Z. Abdin, Indian Journal of Biotechnology published by CSIR-National Institute of Science Communication and Information Resources, Dr. K.S. Krishna Marg, New Delhi 110012 														
27	<p>Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):</p>														
<table border="1"> <thead> <tr> <th data-bbox="212 1791 526 1892">Name of faculty member</th> <th data-bbox="526 1791 902 1892">Title of programme</th> <th data-bbox="902 1791 1235 1892">Institution where attended</th> <th data-bbox="1235 1791 1487 1892">Duration (dates)</th> </tr> </thead> <tbody> <tr> <td data-bbox="212 1892 526 1923"></td> <td data-bbox="526 1892 902 1923">94th Orientation Programme</td> <td data-bbox="902 1892 1235 1923">Academic Staff College,</td> <td data-bbox="1235 1892 1487 1923">23.02.2015</td> </tr> </tbody> </table>	Name of faculty member	Title of programme	Institution where attended	Duration (dates)		94th Orientation Programme	Academic Staff College,	23.02.2015	<table border="1"> <thead> <tr> <th data-bbox="526 1791 902 1892">Title of programme</th> <th data-bbox="902 1791 1235 1892">Institution where attended</th> <th data-bbox="1235 1791 1487 1892">Duration (dates)</th> </tr> </thead> <tbody> <tr> <td data-bbox="526 1892 902 1923">94th Orientation Programme</td> <td data-bbox="902 1892 1235 1923">Academic Staff College,</td> <td data-bbox="1235 1892 1487 1923">23.02.2015</td> </tr> </tbody> </table>	Title of programme	Institution where attended	Duration (dates)	94th Orientation Programme	Academic Staff College,	23.02.2015
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Dr. Humaira Farooqi		JNU- New Delhi	to 20.03.2015
	1 st Refresher Course in Life Sciences & Biotechnology	UGC Human Resource Development Centre, JNU- New Delhi.	20.07.2015 to 14.08.2015
Dr. Saima Wajid	Orientation Programme	Centre for Professional Development in Higher Studies (CPDHE), University of Delhi, Delhi	17.11.2015 to 15.12.2015
	Refresher Course in Life Sciences and Biotechnology	Human Resource Development Centre, Jawaharlal Nehru University, Delhi	20.07.2015 to 14.08.2015
28	Student projects: <ul style="list-style-type: none"> • Percentage of students who have done in-house projects including inter-departmental projects. : 100% • Percentage of students doing projects in collaboration with other universities/ industry/institute. : Nil 		
29	Awards /recognitions received at the national and international level by <p>a) Faculty b) Doctoral/post doctoral fellows c) Students</p> <p>a) Faculty</p> <p>Professor M.Z. Abdin</p> <ul style="list-style-type: none"> ➤ “Vigyan Ratan Award” for the year 2011-12 for the significant scientific achievements in the field of Biotechnology by Uttar Pradesh Council for Science & Technology (U.P.C.S.T), Govt. of Uttar Pradesh, UP, India. (2014) ➤ Spectrum Public-Private Partnership Excellence Award by BioSpectrum, 134 Infantry Road, Bangalore, India. (2011) <p>b) Postdoctoral fellows</p> <p>Dr. Seema Ahlawat</p> <ul style="list-style-type: none"> ➤ 3rd Prize in poster presentation in current trends in secondary plant metabolite research ,2012 ,Jamia Hamdard ,New Delhi ➤ 2nd prize in poster presentation in plant biotechnology : Challenges and Opportunities in 21st Century ,2014, Jamia Hamdard ,New Delhi. ➤ DBT-CTEP travel grant (February, 2012) to attend First Biotechnology World Congress in Dubai ,UAE. ➤ DST WOS –A (2008-2012) entitled “Production of withanolides by plant cell suspension and hairy root cultures of <i>Withania somnifera</i>” ➤ SR/WOS-A/LS-136/2007 Date 02.09.2008 ➤ DST WOS-A (2014-17) entitled “Optimization of cell suspension culture conditions of <i>Withania somnifera</i> for large scale production of withanolides in bioreactor” ➤ SR/WOS-A/LS-48/2014 Dated 01.07.2014 <p>Dr. Parvez Alam</p> <ul style="list-style-type: none"> ➤ Dr. D. S. Kothari Post Doctoral Fellowship, ➤ Assistant Professor in Prince Sattam bin Abdulaziz University , Saudi Arabia 		

	<p>Dr. Ajaz Ahmad Ganai</p> <ul style="list-style-type: none"> ➤ Dr. D. S. Kothari Post Doctoral Fellowship <p>Dr. Nivedita</p> <ul style="list-style-type: none"> ➤ DST Start Up Research Project (Young Scientist) entitled “Understanding the role of salinity tolerance genes during plant and <i>Piriformospora indica</i> interaction” (Registration No.SERB/LS-366/2014 Dated: 09/10/2014). <p>Dr. Suphia Rafique</p> <ul style="list-style-type: none"> ➤ DST WoS-A (2014-2017) entitled “Proteomics analysis of tropical maize (<i>Zea mays</i>) genotypes tolerant to multiple stresses” SR/WOS-A /LS-284/2013(G) Dated 09.05.2014 <p>Dr. Priyanka Soni</p> <ul style="list-style-type: none"> ➤ Dr. D.S. Kothari Post Doctoral Fellowship, (2014-2017) entitled “Modulation of gene expression associated with proline metabolism in <i>Artemisia annua</i> L. under drought.” F.4-2/2006 (BSR)/BL/13-14/0173 <p>Dr. Mather Ali Khan</p> <ul style="list-style-type: none"> ➤ Joined Bond Life Sciences Center, University of Missouri ,USA as Postdoc fellow; August 2012 <p>Doctoral fellows</p> <p>Parul Saxena</p> <ul style="list-style-type: none"> ➤ J.R.F. and S.R.F. (2010-2013) in DRDO project entitled “Optimization of conditions of cell suspensions and hairy root culture from <i>Artemisia annua</i> L. under for enhanced production of artemisinin.” LSRB-207/SH&DD/2010 <p>Shazia Khan</p> <ul style="list-style-type: none"> ➤ JRF in DST sponsored project entitled “Development of <i>Artemisia annua</i> L. with high artemisinin content through genetic modulation of key enzymes of artemisinin biosynthesis” from feb 2013 to march 2014 ➤ Currently receiving UGC BSR fellowship for Dept. of Biotechnology, Jamia Hamdard from June 2014 to till date. <p>Javed Ahmad</p> <ul style="list-style-type: none"> ➤ Qualified GATE- 2010 (LifeSciences) ➤ Qualified GATE- 2011 (LifeSciences) ➤ Qualified CSIR NET-2010 ➤ Qualified ICAR NET-2010 ➤ Worked as project fellow in DST and M/s Ipca Pvt. Ltd sponsored R&D project entitled “Development of <i>Artemisia annua</i> L. plants with high artemisinin content through genetic modulation of key enzymes of artemisinin biosynthesis”(2011-2013) ➤ Working as ‘Senior Research Fellow’ in the research fellowship in science for meritorious students under the scheme of UGC BSR.(March 2013 to till date) <p>Dr. Malik Mobeen Ahmad</p> <ul style="list-style-type: none"> ➤ Assistant Professor, Integral Institute of Agricultural Science and Technology (IIAST), Integral University, Lucknow -226026 <p>Nazima Nasrulla</p> <ul style="list-style-type: none"> ➤ First prize for poster presentation -Recent Advances in research and development in medicinal and aromatic plants. A country scenario SIFI Jabalpur 27-28 November 2015 -International conference on translational biotechnology 4-6th Feb 2016 <p>Dr. Maujiram Tyagi</p> <ul style="list-style-type: none"> ➤ Senior research executive in Greentechnology department ,Ipca Laboratories Ltd., Sejavta-457002, Dist.Ratlam (M.P.),(01.03.2011-till date) <p>Tahreem Sahar</p> <ul style="list-style-type: none"> ➤ NET-JRF Qualified Joint CSIR-UGC Test for Junior Research Fellowship in 2013 and
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	<p>secured 65th rank. Sr. No.2121330577 Ref.No.22/12/2013(ii)EU-V</p> <p>Shadab Anjum</p> <ul style="list-style-type: none"> ➤ NET-LS Qualified Joint CSIR-UGC Test for Junior Research Fellowship in 2013 and secured 48th rank. Sr. No. 3121331392 Ref.No. 22/12/2013(ii)EU-V ➤ Achieved Maulana Azad National Fellowship, 06.02.2014-till date F1-17.1/2013-14/MANF-2013-14-MUS-BIH-28813 <p>Farheen Waziri</p> <p>Maulana Azad National Fellowship, 02.01.2012-till date F1-17/2012-13/MANF-2012-13-MUS-BIH-16686</p> <p>Monica Saifi</p> <ul style="list-style-type: none"> ➤ Maulana Azad National fellowship,23.03.2013-till date <p>Irum Shah</p> <ul style="list-style-type: none"> ➤ UGC –BSR Fellowship JRF-2012-2014 <p>Umara Nissar</p> <ul style="list-style-type: none"> ➤ UGC-BSR Fellowship JRF-2013-2015 <p>Ishfaq Ahmad Ganie</p> <ul style="list-style-type: none"> ➤ UGC-BSR Fellowship JRF-2013 <p>Sapna Khawal</p> <ul style="list-style-type: none"> ➤ UGC-BSR Fellowship JRF-2014 <p>c) Students</p> <ul style="list-style-type: none"> ➤ Dr. Mohammad Islamuddin, awarded best poster award in National seminar on Proteomics based biomarkers for animal and plant diseases, held at Jamia Hamdard, New Delhi (March 1-2, 2013) ➤ Ms. Pallavi Thakur, awarded best prize for the poster presentation in International Conference and Exhibition on Traditional & Alternative Medicine (OMICS group Conferences) held at Hyderabad (December 9-11, 2013) ➤ Ms Pallavi Thakur, awarded poster prize in Xth Annual Conference Indian Association of Medical Microbiologists, held at Sharda University (February 1, 2014) ➤ Ms. Pallavi Thakur awarded best poster prize in Perspectives and trends in Plant Sciences and Biotechnology held at Punjab University, Chandigarh (February 22-25, 2014) ➤ Ms. Kshipra Kapil, awarded best poster prize in National Symposium on Advances in Plant Molecular Biology and biotechnology, held at IISER, Pune (March 10-12, 2014) ➤ Ms. Ruchi Rani (III Semester), Daiichi Sankiyo Scholarship, 2015 ➤ Ms.Devyani Singh (III Semester), Jamia Hamdard Merit Scholarship, 2015 ➤ Ms. Ritika Gupta (I Semester), Table Tennis First Prize, Sports and cultural Week 2015, Jamia Hamdard ➤ Mr. Salik Zeya Ansari (I Semester), Chess Second Prize, Sports and cultural Week 2015, Jamia Hamdard 										
30	<p>Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.:</p>										
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Organized National											

Seminar on “Current Trends in Secondary Plant Metabolites Research” at Department of Biotechnology, Jamia Hamdard, New Delhi, India.	March 19-20, 2012.	127	30			
Organized National Seminar on “Proteomics Based Biomarkers for Animal and Plant diseases” at Department of Biotechnology, Jamia Hamdard, New Delhi, India.	March 01-02, 2013.	187	30			
Organized National Seminar on “Plant Biotechnology: Challenges and Opportunities in 21st Century” at Department of Biotechnology, Jamia Hamdard, New Delhi, India.	March 03-04, 2014.	141	28			
31	Code of ethics for research followed by the departments: a) Institutional Animal Ethical Committee b) Institutional Bio-safety Committee c) Ethics Committee					
32	Student profile programme-wise:					
M.Sc. Biotechnology						
Name of the Programme (refer to question/point no. 4)	Applications received	Selected		Pass percentage		
		Male	Female	Male	Female	
2015	138	6	30	100%	100%	
2014	432	11	23	100%	100%	
2013	245	10	23	100%	100%	
2012	321	18	19	100%	100%	
2011	278	18	20	100%	100%	
Ph.D. Biotechnology						
2015	15	3	6	100%	100%	
2014	10	2	5	100%	100%	
2013	15	6	5	100%	100%	
2012	21	9	4	100%	100%	
2011	17	7	6	100%	100%	
33	Diversity of students:					

Name of the Programme (refer to question/point no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
2015	Nil	12	23	1
2014	Nil	10	23	2
2013	Nil	8	24	1
2012	Nil	9	28	3
2011	Nil	10	23	3

34 How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:

S. No.	NAME	COURSE	BATCH	CSIR –NET JRF/LS	DBT - JRF
1	Sapna Khowal	Biotechnology	2008-10	CSIR – NET LS(Dec. 2013, June 2013, Dec.2012, June 2010), GATE 2010, 2012	
2	Salman Mustafa	Biotechnology	2009-11	CSIR – NET JRF (2011)	YES (2011)
3	Farah Naaz	Biotechnology	2009-11	CSIR – NET JRF (2011)	
4	Nadia Rashid	Biotechnology	2010-12	CSIR – NET JRF (2013)	YES (2013)
5	Maitri Chaturvedi	Biotechnology	2010-12	CSIR – NET LS (2013)	
6	Swati Sharma	Biotechnology	2010-12	CSIR – NET JRF (2013)	
7	Kritika Chaddha	Biotechnology	2010-12	CSIR – NET JRF (2012)	
8	Rakin Khan	Biotechnology	2010-12	CSIR – NET LS (2012)	
9	Savita	Biotechnology	2010-12	CSIR – NET LS (2012)	
10	Gauri Joshi	Biotechnology	2010-12		YES (2012)
11	Abul Wafa	Biotechnology	2010-12		YES (2013)
12	Akashi	Biotechnology	2011-13	CSIR – NET JRF (2013)	
13	Drishiti	Biotechnology	2011-13	CSIR – NET LS (2012)	
14	Sana	Biotechnology	2012-14	CSIR – NET JRF (2013)	
15	Ajay Anand	Biotechnology	2011-13	CSIR – NET JRF (2014)	
16	Ankit Ghosh	Biotechnology	2010-12	CSIR – NET JRF (2014)	
17	Rohit Sharma	Biotechnology	2011-13	CSIR – NET LS (2014)	
18	Juwariah	Biotechnology	2013-15	CSIR – NET LS (2015)	
19	Pooja Chikara	Biotechnology	2013-15	CSIR – NET LS (2015)	

35 Student progression:

Student progression	Percentage against enrolled
UG to PG	NIL
PG to M.Phil.	NIL
PG to Ph.D.	15%

	Ph.D. to Post-Doctoral	NIL																																													
	Employed																																														
	• Campus selection	NIL																																													
	• Other than campus recruitment	15%																																													
	Entrepreneurs	NIL																																													
36	Diversity of staff:																																														
	<table border="1" style="margin-left: 40px;"> <tr> <td colspan="2">Percentage of faculty who are graduates</td> </tr> <tr> <td>of the same university</td> <td>NIL</td> </tr> <tr> <td>from other universities within the State</td> <td>NIL</td> </tr> <tr> <td>from universities from other States</td> <td>100%</td> </tr> <tr> <td>from universities outside the country</td> <td>NIL</td> </tr> </table>		Percentage of faculty who are graduates		of the same university	NIL	from other universities within the State	NIL	from universities from other States	100%	from universities outside the country	NIL																																			
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from universities outside the country	NIL																																														
37	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: NA																																														
38	<p>Present details of departmental infrastructural facilities with regard to</p> <p>mm) Library : Central Library Facility is used</p> <p>nn) Internet facilities for staff and students</p> <p>➤ Internet has become increasingly crucial to effective acquisition and dissemination of knowledge. Therefore, Computer professionals in Jamia Hamdard are adopting best practices for integrating these technologies in support of teaching and learning. All the Classrooms, Laboratories and teachers chamber are connected through 1 GB fiber Optic cables as well as Wifi. Computer have been set up in various laboratories and all the students are encouraged to make extensive use of these facilities.</p> <p>oo) Total number of class rooms : 02</p> <p>pp) Class rooms with ICT facility : 02</p> <p>qq) Students' laboratories : 02</p> <p>rr) Research laboratories : 12</p>																																														
39	<p>List of doctoral, post-doctoral students and Research Associates:</p> <p>a) Ph.D. Students from the host institution/university</p> <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>S.No.</th> <th>Name of the Student</th> <th>Supervisor</th> </tr> </thead> <tbody> <tr><td>1</td><td>Maryam Ranjpour Aghmiouni</td><td>Prof. S.K. Jain</td></tr> <tr><td>2</td><td>Laila H. Faraj Shaglouf</td><td>Prof. S.K. Jain</td></tr> <tr><td>3</td><td>Mohd. Asad</td><td>Prof. S.K. Jain</td></tr> <tr><td>4</td><td>Athar Ali</td><td>Prof. M.Z. Abdin</td></tr> <tr><td>5</td><td>Parul Saxena</td><td>Prof. M.Z. Abdin</td></tr> <tr><td>6</td><td>Irum gul</td><td>Prof. M.Z. Abdin</td></tr> <tr><td>7</td><td>Nazima Nsrullah</td><td>Prof. M.Z. Abdin</td></tr> <tr><td>8</td><td>Javed Ahmad</td><td>Prof. M.Z. Abdin</td></tr> <tr><td>9</td><td>Umara Nissar Rafiqi</td><td>Prof. M.Z. Abdin</td></tr> <tr><td>10</td><td>Monica Saifi</td><td>Prof. M.Z. Abdin</td></tr> <tr><td>11</td><td>Shazia Khan</td><td>Prof. M.Z. Abdin</td></tr> <tr><td>12</td><td>Sadia Iqra</td><td>Prof. M.Z. Abdin</td></tr> <tr><td>13</td><td>Azra Anjum</td><td>Dr. Humaira Farooqi</td></tr> <tr><td>14</td><td>Shehla Adhami</td><td>Dr. Humaira Farooqi</td></tr> </tbody> </table>		S.No.	Name of the Student	Supervisor	1	Maryam Ranjpour Aghmiouni	Prof. S.K. Jain	2	Laila H. Faraj Shaglouf	Prof. S.K. Jain	3	Mohd. Asad	Prof. S.K. Jain	4	Athar Ali	Prof. M.Z. Abdin	5	Parul Saxena	Prof. M.Z. Abdin	6	Irum gul	Prof. M.Z. Abdin	7	Nazima Nsrullah	Prof. M.Z. Abdin	8	Javed Ahmad	Prof. M.Z. Abdin	9	Umara Nissar Rafiqi	Prof. M.Z. Abdin	10	Monica Saifi	Prof. M.Z. Abdin	11	Shazia Khan	Prof. M.Z. Abdin	12	Sadia Iqra	Prof. M.Z. Abdin	13	Azra Anjum	Dr. Humaira Farooqi	14	Shehla Adhami	Dr. Humaira Farooqi
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15	Khadija	Dr. Humaira Farooqi
16	Sapna Khawal	Dr. Saima Wajid
17	Ishfaq Ahmad Ganaie	Dr. Saima Wajid
18	Farheen Waziri	Dr. Saima Wajid
19	Nadia Rashid	Dr. Saima Wajid
20	Mohd. Mughees	Dr. Saima Wajid
21	Tahreem Sahar	Dr. Saima Wajid
22	Shadab Anjum	Dr. Saima Wajid

b) from other institutions/universities (MoU)

S.No.	Name of the Student	Supervisor	Co-Supervisor
1	Khalid Muzaffar Banday	Prof. V.S. Chauhan	Prof. S.K. Jain
2	K.Venkatraman	Dr. T. Mohapatra	Prof. M.Z. Abdin
3	Javed Ahmad Khan	Dr. Pawan K. Sharma	Dr. Farhat Afrin
4	Anil Kumar	Dr. Asis Datta	Dr. Alka Narula
5	Bhaba Krishan Das	Prof. V.S. Chauhan	Prof. S.K. Jain
6	Manu Saini	Dr. Humaira Farooqi	Prof. M.Z. Abdin
7	Bhavya Khullar	Prof. Shinjini B.	Dr. Farhat Afrin
8	Meena Lakhan Pal	Dr. Sunita Saxena	Dr. Saima Wajid
9	Deepak Kumar Deep	Dr. Poonam Salotra	Dr. Saima Wajid
10	Minu Nain	Prof. Sudhanshu V.	Prof. M.Z. Abdin
11	Manish Sharma	Prof. Sudhanshu V.	Prof. M.Z. Abdin
12	Rinki Kumar	Prof. Sudhanshu V.	Prof. M.Z. Abdin
13	Nishant Sharma	Dr. Krishnamohan A.	Dr. Saima Wajid
14	Preeti Thakur	Prof. Sudhanshu V.	Dr. Humaira F.
15	Anuranjani	Dr. Madhu Bala	Prof. M.Z. Abdin
16	Abhishek Jamwal	Dr. Amit Sharma	Prof. S.K. Jain
17	Kamran Jawed	Dr. Syed Shams. Y	Prof. M.Z. Abdin/Dr. Saima Wajid
18	Ankita Singh Chakotiya	Dr. Rakesh Kumar S.	Dr. Alka Narula
19	Amit Kumar Singh	Dr. Shashi Kumar	Prof. M.Z. Abdin
20	Pallavi Thakur	Dr. Rakesh Kumar S.	Dr. Alka Narula
21	Abhishek Vats	Prof. Nirmal K. G.	Dr. Saima Wajid
22	Chandra Shekhar B.	Dr. Madhu Bala	Prof. M.Z. Abdin
23	Ankita Srivastava	Dr. Krishna Murari S.	Dr. Pratima Ray
24	Charli Kaushal	Prof. M.Z. Abdin	Dr. Sashi Kumar
25	Dharmendra Nath Bhatt	Dr. Asis Datta	Dr. Alka Narula
26	Neha Katyal	Dr. Sangeeta Ch.	Dr. Saima Wajid
27	Priyanka Ghorai	Dr. Asis Datta	Dr. Alka Narula
28	Sania Bajaj	Dr. Manju Lata G.	Dr. Humaria F.
29	Shaikh Mohd. Kashif	Dr. Pannaga Pavan. J	Prof. M.Z. Abdin
30	Shilpi Kumari	Dr. Asis Datta	Dr. Alka Narula
31	Vishesh Kumar	Dr. Amolkumar U. S.	Prof. M.Z. Abdin
32	Ms. Chunoti Changwal	Dr. Ajay Arora	Prof. M.Z. Addin
33	Ms. Sreeshma N.S.	Prof. Pratima Ray	Dr. Arockiasamy A.

c) Post-Doctoral Students from the host institution/university

S.No.	Name of the Post-Doc	Mentor
1	Dr. Usha Kiran	Prof. M.Z. Abdin
2	Dr. Seema Ahlawat	Prof. M.Z. Abdin
3	Dr. Suphia Rafique	Prof. M.Z. Abdin
4	Dr. Priyanka Soni	Prof. M.Z. Abdin
5	Dr. Nivedita	Prof. M.Z. Abdin
6	Dr. Islamuddin	Prof. Pratima Ray

d) Research Associates :

S.No.	Name of the Post-Doc	Mentor
1	Dr. Wjahat H. Khan	Prof. Pratima Ray

40 **Number of post graduate students getting financial assistance from the university.:**
Ms. Bharti Chauhan, Students Aid Fund, one time per head (Rs.4000/-) for the academic session 2014-15

41 **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:** NA

42 **Does the department obtain feedback from**
m) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
n) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
o) Alumni and employers on the programmes offered and how does the department utilize the feedback?

43 **List the distinguished alumni of the department (maximum 10):**

Name of the Student	Present Position
Dr. Deeshikha Pande	Professor, Amity University, Noida
Dr. Sandip Das	Associate Professor, Delhi University
Dr. Arshad Jamal	Associate Professor, Department of Biology, King Abdul Aziz University, KSA
Dr. Amjad Masood Husaini	Asst Professor-cum-scientist, Shere Kashmir University of Agriculture and Technology, Srinagar, (J&K)
Dr. Maryam S	Assistant Professor, Amity University, Noida
Dr. V.Pooja	Assistant Professor, Amity University
Dr. Saif Ahmad	Post Doc Fellow, Medical College of Georgia, Georgia Health Sciences University, Dept of Cellular Biology and Anatomy, School of Medicine, USA
Dr. Irfan Ahmad Ghazi	Lecturer, University of Hyderabad, Hyderabad
Dr. Mohan Babu	Scientist-C, Translational Health Science & Technology, Gurgoan, Haryana
Dr. Tanweer Alam	Post-doctoral Research Fellow at University College Dublin

44 **Give details of student enrichment programmes (special lectures/ workshops/seminar)**

	<p>involving external experts.:</p> <ul style="list-style-type: none"> ➤ Through Internal assessments, Seminars, Viva-Voce and Semester Examinations in theory papers and practical's.
45	<p>List the teaching methods adopted by the faculty for different programmes.:</p> <ul style="list-style-type: none"> ➤ Chalk & board, OHP and LCD Projectors are used. PowerPoint presentation are also used by majority of teachers. Theory classes are substantiated by practicals and lab demonstrations. Further, a six months dissertation is also part of our curriculum for M.Sc. ➤ Performance monitoring of national level exams like CSIR - UGC - NET, GATE, , ICMR - JRF and others. ➤ Compulsory Regular Internal Assessment tests. ➤ NET coaching and career planning counseling. ➤ Feedback of alumni is taken regularly.
46	<p>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:</p> <ul style="list-style-type: none"> ➤ Through Internal assessments, Seminars, Viva-Voce and Semester Examinations in theory papers and practical's. ➤ Organization of extension lectures from time to time and renowned scientists are invited to deliver lectures ➤ Students are encouraged to undertake advanced research training.
47	<p>Highlight the participation of students and faculty in extension activities.:</p> <p>NA</p>
48	<p>Give details of “beyond syllabus scholarly activities” of the department.:</p> <ul style="list-style-type: none"> ➤ Seminars and expert lectures are organized on recent topics in the subjects taught at M.Sc. Level. Also, national conferences and workshops are organized. Students are encouraged to participate in these activities.
49	<p>State whether the programme/department is accredited/graded by other agencies? If yes, give details.:</p> <ul style="list-style-type: none"> ➤ Ranked No. 4 in 2013 amongst the Biotechnology Departments of the Country as per survey of BioSpectrum (Supported by DST-FIST and UGC-SAP (DRS-I), Govt. of India) ➤ Ranked No. 10 in 2012 amongst the Biotechnology Departments of the Country as per survey of BioSpectrum (Supported by DST-FIST and UGC-SAP (DRS-I), Govt. of India)
50	<p>Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:</p> <ul style="list-style-type: none"> ➤ The department has contributed extensively in the area of plant and animal biotechnology through R&D projects supported by national funding agencies and industries. Integrated nutrient management technology for cultivation of mustard with higher seed and oil yields and an improved tissue culture protocol for <i>A.annua</i> L. was developed and transferred to M/s/ Ipca Pvt Ltd. (Ratlam) for use. An improved <i>A.annua</i> L. artemisinin was also developed using genetic engineering technique, but NOC from Delhi Government is awaited for the selection of best transgenic line through field trials.

	<ul style="list-style-type: none"> ➤ Development of S.Typhoid Rapid or Elisa test kit by using r-49KDa OMP to conduct initial studies, J Mitra & Co Pvt. Ltd paid a fess of Rs. 2,00,000/- towards consultancy amount to Jamia Hamdard. ➤ To check out the suitability of the antigen in proposed test kit, M/s Oscar Medicare Pvt. Ltd paid Rs. 19,500/- towards consultancy amount to Jamia Hamdard to prepare more tests for evaluation and clinical trials.
51	<p>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:</p> <p>a) Strengths</p> <ol style="list-style-type: none"> 1) Well qualified faculty members 2) Quality research 3) Well equipped laboratories and classrooms 4) High success rates of our students in national levels examinations for Ph.d. and Post-doctoral programmes 5) Employability of our students in University/ Research Institutes/ Govt. Jobs <p>b) Weaknesses</p> <ol style="list-style-type: none"> 1) Strength of supporting staff is less. 2) Space crunch 3) Electricity and water <p>c) Opportunities</p> <ol style="list-style-type: none"> 1) Being in Delhi, the faculty and students are exposed to recent developments in the Biotechnology 2) We also have opportunity to attract good students from different parts of the country and also from abroad. <p>d) Challenges</p> <ol style="list-style-type: none"> 1) To maintain teaching and research quality with the present resources.
52	<p>Future plans of the Department :</p> <ul style="list-style-type: none"> ➤ We would like to introduce a course in Biotechnology/ Vaccinology at UG and PG diploma levels. ➤ Attract more funds through R&D activities involving Government agencies and industries.
53	<p>Any Other items :</p> <p>To facilitate the placement and summer training of M.Sc. Biotechnology passing-out and passed-out batches in R&D institutions, Universities and Industries a Placement Cell was established in Department of Biotechnology.</p> <p>First round of placement interview with the company AceProbe Technologies (I) Pvt Ltd was conducted on 21/4/2014. They interviewed around 24 M.Sc. final year students and selected two</p>

	<p>students Mr. Nadeem Sardoiwala and Mr. Azhar Andrabi as a regular employee.</p> <p>On 30th April, 2014, Dept. of Biotechnology organized the second round of campus interview with Double Helix Clinical Cytogenetics & Reproductive Immunology Centre to our final year students. The team from the company conducted the initial screening of the sixteen students and selected three students Mr. Kailash Singh, Md. Islammudin and Mujeeb.</p> <p>On 3rd February, 2015, 10 final year students were sent to Genetic Biotech Asia Ltd. The team from the company conducted the interview of the Ten students and selected two students Ms. Juwariah Khan and Ms. Pooja Chhikara.</p>
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EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	BOTANY				
2.	Year of establishment:	1989				
3.	Is the Department part of a School/Faculty of the university?	Yes, it is part of Faculty of Science				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	XX. PG (M. Sc. Botany) XXI. Ph. D. (Botany) XXII. PG Diploma in Environmental Monitoring & Impact Assessment (Through distance mode)				
5.	Interdisciplinary programmes and departments involved:	NA				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA				
7.	Details of programmes discontinued, if any, with reasons:	NA				
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	Semester and Choice Based Credit System				
9.	Participation of the department in the courses offered by other departments:	<ul style="list-style-type: none"> • Ph.D. Course work in Faculty of Science • M.Sc. foundation course • Choice Based Credit System (Other Departments and Faculties of Jamia Hamdard) 				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor	03	03	03	
		Associate Professors	03	03	03	
		Assistant Professors	01	01	01	
		Others	---	---	---	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	M Iqbal	Ph.D.	Professor	Environmental & Developmental Botany, Stress	35	02=Awarded 02=Submitted

	M P Sh arma	Ph.D.	Professor	Physiology Plant Taxonomy, Ethnobotany, Biodiversity	32	03=Awarded 02=Submitted 01=Ongoing
	Javed Ahmad	Ph.D.	Professor	Floristics, Medicinal Plant Characterization	40	03=Awarded
	T O Siddiqui	Ph.D.	Associate Professor	Environmentalal & Developmental Botany, Phyto remediation	31	02=Awarded 01=Submitted 04=Ongoing]
	M Zaffar	Ph.D.	Associate Professor	Environmentalai & Developmental Botany, Stress Physiology	24	05=Awarded 01=ongoing]
	S Umar	Ph.D.	Associate Professor	Plant Physiology/ Stress Physiology	28	04=Awarded 01=Submitted 02=Ongoing
	A. Muji b	Ph. D.	Assistant Professor	Plant Biotechnology, Cytogenetics and Molecular Genetics	16	03=Awarded 03=Ongoing
	Altaf Ahmad	Ph. D.	Assistant Professor	Plant Physiology, Molecular Biology	11 Resigned in Nov.'14	07=Awarded 02=Submitted 02=Ongoing
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		<ul style="list-style-type: none"> •Dr. Uppeandar Dhar, NASI Senior Scientist, (former Director, GBPIHED, Almora, U. Khand). •Prof. A. H. Munshi (Former Professor, University of Kashmir). •Dr. Malti Goel, (Former Advisor, DST, Govt. of India 			
13.	Percentage of classes taken by temporary faculty – programme-wise information:		NA			
14.	Programme-wise Student Teacher Ratio		Post Graduate (M. Sc. Botany): 08.2:01 Ph.D.: 03:01			
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		Designation	Sanctioned	Filled/actual	
			Senior Technical Assistant	01	01	
			Assistant	01	01	
			Laboratory Attendant	01	01	
			Office Attendant	01	01	
			Helper Horticulture	01	01	
16.	Research thrust areas as recognized by major		<ol style="list-style-type: none"> 1) Plant response to heavy metal and environmental stresses. 2) Air pollutional impact on plant form, function and 			

	funding agencies:	<p>medicinal properties</p> <p>3) Characterization of medicinal plants</p> <p>4) Ethnobotany and plant systematic</p> <p>5) Meristematic behavior and radial growth in plants</p> <p>6) Tissue culture studies for alkaloid production, clonal multiplication and preservation of endangered species</p> <p>7) Proteomics of nitrogen-efficient and nitrogen-inefficient rice and wheat.</p> <p>8) Development of nanosensors for measurement of in vivo flux of metabolites</p>		
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:			
	Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure	Grant received
	Prof. M. Iqbal	Preparation of electronic herbarium & digital database of the medicinal plants of Unani formations	CCRUM (AYUSH) 2011 to 2016 F.No.3-26/2009 CCRUM/EMR, dated 12/4/2011	Rs.25,00,000
	Prof. M. P. Sharma	Status survey of floristic diversity of Delhi in the context of rapid urbanization and habitat loss	UGC 01.01.2011 to 31.01.2014 F.No.39-443/2010 (SR)	Rs. 8,62,840
	Dr. Shahid Umar	Potassium for enhancing nitrogen utilization efficiency of C ₄ (sorghum) and C ₃ (Wheat plants: Biochemical processes and proteomics approaches	International Potash Institute, Switzerland March 2010 to December 2013	US\$ 10,000
	Dr. A. Mujib	Analysis of efficacy of in vitro raised plant (<i>Catharanthus roseus</i>) extract in protecting chemically induced carcinogenesis in model rat	CCRUM (AYUSH) 01.04.2010 to 30.09.2014 F.No.3-9/2009- CCRUM/EMR dated 14/5/2010	Rs. 16,00,000
	Dr. A. Mujib	Role of free radical, association of antioxidant enzyme and related biochemical analysis during invitro vembryogenesis/morphogenesis in medicinal plant (<i>Allium</i> and <i>Catharanthus</i>)	UGC 01.07.2011 to 30.06.2014 F.No.40-337/ 2011(SR) dated 30/6/2011	Rs. 9,36,544
	Dr. Altaf Ahmad	Proteome analysis of nitrogen-efficient & nitrogen-inefficient wheat varieties at elevated CO ₂ and high temperature regimes	ICAR-NICRA 2-2/(108)11- 12/NICRA dated 29/8/2011	Rs.41,12,000

	Dr. Altaf Ahmad	Identification and characterization of metabolic process(s) for improvement in nitrogen use efficiency of wheat	UGC 2009 to 2012 36-111(2008) SR, dated 26/03.2009	Rs. 9,00,000						
	Dr. Altaf Ahmad	Study of transcriphunic and metabolomic changes induced by nitrogen and phosphorus stress in maize roots	DBT Ref: BT/PR- 11680/PBD/2008 dated 18/9/2010	Rs. 83,00,000						
	DrAltaf Ahmad	Development of FRET-based nonosensor for measurement of invivo flux of lysine and methionine	DBT SR/FT/LS-96/2010 dated 16/5/2012	Rs. 23,00,000						
18.	Inter-institutional collaborative projects and associated grants received:	(i) National collaboration: None (ii) International collaboration: International Potash Research Institute, Switzerland								
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	<table border="1"> <thead> <tr> <th>Funding agency</th> <th>Project title, if any</th> <th>Grant received</th> </tr> </thead> <tbody> <tr> <td>UGC-SAP (DSR-I)</td> <td>Characterization of Medicinal Plants 2011 to 2016</td> <td>Rs. 39,64,809</td> </tr> </tbody> </table>	Funding agency	Project title, if any	Grant received	UGC-SAP (DSR-I)	Characterization of Medicinal Plants 2011 to 2016	Rs. 39,64,809		
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UGC-SAP (DSR-I)	Characterization of Medicinal Plants 2011 to 2016	Rs. 39,64,809								
20.	Research facility/centre with:	None								
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	None								
22.	Publications: (last 5 years):	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): 183 • Monographs: None • Chapters in Books: 36 • Edited Books : 09 • Books with ISBN with details of publishers: Details given below • Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)□ • Citation Index – range / average : Tabulated below • SNIP : Tabulated below • SJR : Tabulated below • Impact Factor Range: 0.08 – 9.015 • <i>h</i>-index: Tabulated below 								

Publications

[2015]

1. Shah A, Bharti KA, Ahmad J, **Sharma MP** (2015). New Ethnomedicinal claims from Gujjar and Bakerwals Tribes of Rajouri- Poonch districts of Jammu and Kashmir, India. *Journal of Ethnopharmacology*. 166:119–128. (IF: 2.998).
2. Mir SS, Mishra AK, Pala SA, Reshi AZ, and **Sharma MP** (2015). Ferns and Fern allies of district Shopian, Kashmir Valley, India. *Biodiversitas*. 16(1): 27-4;. ISSN: 1412-033X.
3. Shah A, Karim A, Ahmad J, **Sharma MP** (2015). Medicinal shrubs used by *Gujjar-Bakerwal* tribes against various non-communicable diseases in Rajouri district, (J & K), India. *Indian Journal of Traditional Knowledge*. 14(3): 466-473. (IF: 0.411), ISSN: 0972-5938.
4. Mishra AK, **Sharma MP**, Singh HB (2015). Additions to the Flora of Delhi: Part – II *Indian Journal of Plant Sciences*. 4 (2): 1-6, ISSN: 2319-3824.
5. Mishra AK, **Sharma MP**, Singh HB (2015). Additions to the Flora of Delhi: Part – III. *Indian Journal of Plant Sciences*. 4 (3): 38-40, ISSN: 2319-38024.
6. Shadab Naseer Siddiqui, **S. Umar**, Azamat Husen and M. Iqbal (2015). Effect of Phosphorus on plant growth and nutrient accumulation in high and low zinc accumulating chickpea genotypes. *Annals of Phytomedicine*. 4(2): 102-105, IF 0.812; ISSN-2278-9839.
7. Aref, I.M., Khan, P.R., Al-Sahli, A.A., Husen, A., Ansari, M.K.A., **Mahmooduzzafar** & Iqbal, M. (2015). Response of *Datura innoxia* Linn. to gamma rays and its impact on plant growth and productivity. *Proceedings of the National Academy of Sciences, India* (Biol. Sci.) DOI 10.1007/s40011-014-0485-6. (IF: 0.242)
8. Husen. A., **Iqbal, M.**, Siddiqui, S.N., Sohrab, S.S. & Masresha, G (2015). Effect of indole-3-butyric acid on clonal propagation of mulberry (*Morus alba* L.) stem cuttings: Rooting and associated biochemical changes. *Proceedings of the National Academy of Sciences, India* (B)
9. Mishra AK, Shakoor MA, **Sharma MP**, Singh HB (2015). An Updated Nomenclature and Taxonomic Status of “The Flora of Delhi”. 3612 *Trends in Biosciences*. 8 (14): 3612-3521, ISSN: 0974-8431
10. Qureshi, M.I., Bashir, H., **Ahmad, J.**, Bagheri, R., Baig, A. & Iqbal, M. (2015). Molecular mechanism of plant proteome adaptations to abiotic stress. *Nature India* 7: 40
11. Siddiqui, S.N., **Umar, S.**, Husen, A. & Iqbal, M. (2015). Effect of phosphorus on plant growth and nutrient accumulation in a high and a low-zinc-accumulating chickpea genotype. *Annals of Phytomedicine*.
12. Husen, A., Aref, I.M. & **Iqbal, M.** (2015). IAA-induced changes in growth and foliar characteristics in water-sufficient and water-deficient plants of faba bean (*Vicia faba* L.). *Journal of Environmental Biology*. (IF: 0.563); ISSN: 02548704.
13. Mishra AK, Mir, SA, **Sharma, MP**, Singh HB (2015). Alien plant species in Delhi flora.

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 24. Maqsood M, **Mujib A**, Siddiqui ZH, Dipti (2012). Protoplast technology and its applications in *Catharanthus roseus*: A possibility in improving yield of alkaloids. *Recent Progress in Medicinal Plants*. J.N. Govil eds) Studium Press, Houston, USA, Vol. 32 p. 1-14.
 25. Anjum NA, Gill SS, Ahmad I, Tuteja N, Soni P, Pareek A, **Umar S**, Iqbal M, Pacheco M, Duarte AC, Pereira E (2012). Understanding stress-responsive mechanisms in plants: an overview of transcriptomics and proteomics approaches. In: Tuteja, N., Tiburcio, A.F., Singh, S. et al (eds) *Improving Crop Resistance to Abiotic Stress – Omics Approaches*: pp 337-355, Wiley-VCH Verlag GmbH & Co., Germany.
 26. Anjum NA, Ahmad I, Pacheco M, Duarte AC, Pereira E, **Umar S**, Ahmad A, Iqbal M (2012). Modulation of glutathione, its redox couple and related enzymes in plants under abiotic stresses. In: Anjum, N.A., Umar, S. and Ahmad, A. (eds) *Oxidative Stress in Plants: Causes, Consequences and Tolerance*: 467-498, I.K. International Publishing House, New Delhi, India.
 27. Anjum NA, Gill SS, Ahmad I, Pacheco M, Duarte AC, **Umar S**, Khan NA, Pereira ME (2012) The plant family Brassicaceae: an introduction. In: *The Plant Family Brassicaceae: Contribution Towards Phytoremediation*. (Eds. Anjum NA, Ahmad I, Pacheco M, Pereira ME et al.), Springer Dordrecht, The Netherlands, pp. 1-33.
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28. **Umar S**, Ahmad P and Moinuddin. (2011). Amelioration of moisture stress in mustard by native and applied potassium levels. In: *Oxidative stress: Role of antioxidants in plants*, Ahmad P and Umar S (eds.) pp. 349-358, Studium Press.
 29. **Umar, S.**, Anjana & Iqbal M. (2011). Interactive effects of potassium and nitrogen nutrition

on physiological use efficiency of nitrogen and crop yield. In: Jain, V & Kumar P.A. (eds) *Nitrogen Use Efficiency in Plants*: 125-155, New India Publishing Agency, New Delhi.

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32. **Iqbal M**, Ahmad A and Siddiqi TO (2011) Characterization of controversial plant drugs and effect of changing environment on active ingredient. In: *Medicinal Plants in Changing Environment* (Eds. Ahmad A, Siddiqi TO and Iqbal M). Capital Publishers, New Delhi, pp. 1-11. ISBN 81-85589-14-3.
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34. Qureshi MI, **Iqbal M**, Abidin MZ (2011). Lead and salinity stress in plants with special reference to *Artemisia annua* and *Cassia angustifolia*. In: Ahmad, A, Siddiqi, T.O. & Iqbal, M. (eds) *Medicinal Plants in Changing Environment*: 109-139, Capital Publishing Company, New Delhi.
35. Ansari, M.K.A., Anjum, N.A., Ahmad, A., Umar, S. & **Iqbal, M.** (2011). Heavy metals in soil and plants: An overview of arsenic, cadmium, chromium and mercury. In: Anjum, N.A., Umar, S. and Ahmad, A. (eds) *Oxidative Stress in Plants: Causes, Consequences and Tolerance*: 499-518, I.K. International Publishing House, New Delhi, India.
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Edited Books: 09

1. Iqbal, M., Ahmad, A. (2014). Current Trends in Medicinal Botany, I.J. International Publishing House Pvt. Ltd., New Delhi; ISBN:978-93-82332-50-3.
2. Aslam, J., Srivastava, P S, Sharma, M.P. (2013). Somatic Embryogenesis and Genetic Transformation in Plants, Narosa Pub. House, N. Delhi; ISBN: 978-81-8487-227-9
3. Aslam, J. Srivastava, P S, Sharma, M.P. (2013). Somatic Embryogenesis and Gene Expression, Narosa Publishing House, New Delhi; ISBN:978-81-8477-228-6
4. Umar, S., Anjum, N.A., Khan, N.A (2013), Nitrate in Leafy Vegetables: Toxicity and Safety Measures, I.K. Publishing House, New Delhi; ISBN: 978-93-82332-21-3
5. Anjum, N.A., Pereira ME, Ahmad I, Duarte, AC, Umar, S. Khan, NA (2012).

Phytotechnologies: Remediation of Environmental contaminants, CRC Press/Taylor and Francis Group, Boca Raton FL, USA; 10:1439875189

6. Anjum, N.A., Umar, S. and Ahmad, A. (2012). Oxidative Stress in Plants; Causes, consequences and Tolerance, I.K. International Pub.House, New Delhi; ISBN: 978-93-81141-02-1
7. Anjum, N.A., Ahmad, I., Duarte, A.C., Umar, S. & Khan, N.A. (2012). The Plant Family Brassicaceae: Contribution Towards Phytoremediation, Springer. Netherlands; ISBN: 978-94-007-3912-3
8. Ahmad, P. & Umar, S. (2011). Antioxidants: Oxidative Stress Management in Plants, Studium Press, New Delhi; 978-93-80012-38-4.
9. Ahmad, A, Siddiqi, TO, Iqbal, M. (2011). Medicinal Plants in Changing Environment, Capital Publishing Co, New Delhi; 81/85589-14-3

Citation and *h*-index: (Scopus Data)

Name of the Faculty	Citations	<i>h</i> -index
Prof. Prof. M. Iqbal	1985	22
Prof. M. P. Sharma	316	11
Dr. T. O. Siddiqi	290	09
Dr. Shahid Umar	1004	18
Dr. Mahmooduzzafar	091	05
Dr. Abdul Mujib	518	14
Dr. Altaf Ahmad	1265	18

SNIP (range): 0.025 – 3.845

SJR (RANGE): 0.122 – 2.615

Impact Factor range: 0.08 – 9.015

h-index (range) : 19 – 109

Details of ISSN, SJR, H-index, Impact Factor and SNIP of Journals

S.N	Title of the Journals	ISSN	SJR	H index	Impact Factor	SNIP
1.	Biotechnology Advances	18731899	2.619	109	9.015	3.485
2	Biosensors and Bioelectronics	09565663	1.866	127	6.409	1.682
3	Environmental Research	10960953	1.574	86	4.373	1.627
4	Frontiers in Plant Science	1664462X	1.552	23	3.65	0.813
5	Environmental and Experimental Botany	00988472	1.038	74	3.44	1.8
6	PLoS One	19326203	1.3	153	3.234	1.034
7	Industrial Crops and Products	09266690	1.002	67	2.837	1.648
8	Plant Cell Reports	1432203X	1.051	76	3.071	1.18

9	Ecotoxicology and Environmental Safety	10902414	1.003	80	2.762	1.306
10	Environmental Reviews	12086053	1.151	42	3.00	1.748
11	Environmental Science and Pollution Research	09441344	0.842	51	2.828	1.109
12	Protoplasma	16156102	0.957	50	2.651	0.942
13	Journal of Plant Physiology	01761617	1.004	75	2.557	0.62
14	Journal of Environmental Radioactivity	0265931X	1.026	56	2.483	1.7.33
15	Biochemical Engineering Journal	1369703X	0.977	78	2.467	1.162
16	Journal of Plant Growth Regulation	14358107	0.714	52	2.237	1.217
17	Molecular Breeding	15729788	0.845	74	2.246	0.94
18	Analytical Methods	17599679	0.571	25	1.821	0.634
19	Botanical Review, The	00068101	0.73	48	1.829	1.245
20	Applied Biochemistry and Biotechnology	02732289	0.585	73	1.735	0.868
21	International Journal of Phytoremediation	15497879	0.709	33	1.739	0.91
22	Clean – Soil, Air, Water	18630650	0.639	39	1.74	1.945
23	Acta Physiologiae Plantarum	01375881	0.542	33	1.671	0.964
24	International Journal of Environmental Science and Technology	17351472	0.595	40	2.190	1.309
25	Asian Pacific Journal of Tropical Biomedicine	22211691	0.587	23	1.68	1.414
26	European Food Research and Technology	14382385	0.75	63	1.559	0.834
27	Trees – Structure and Function	14322285	0.665	57	1.651	0.929
28	Radiation and Environmental Biophysics	14322099	0.486	37	1.528	0.808
29	Saudi Journal of Biological Sciences	1319562X	0.41	11	1.257	1.012

30	Journal of Plant Interactions	17429153	0.364	15	0.855	0.616
31	Photosynthetica	15739058	0.489	43	1.007	0.856
32	Pharmaceutical Biology	17445116	0.482	39	1.337	0.814
33	Journal of Chromatographic Science	00219665	0.456	40	1.363	0.756
34	Botany	19162804	0.517	65	1.24	1.852
35	In Vitro Cellular and Developmental Biology – Plant	10545476	0.496	51	1.145	1.15
36	IAWA Journal	I0928154 1	0.566	35	1.2	0.909
37	South African Journal of Botany	02546299	0.401	32	0.978	0.848
38	Russian Journal of Plant Physiology	16083407	0.364	26	0.946	0.62
39	Physiology and Molecular Biology of Plants	09740430	0.324	15	-	0.544
40	The Scientific World Journal	23566140	0.35	45	0.99	0.531
41	Natural Product Research	14786427	0.372	30	0.98	0.71
42	Pakistan Journal of Botany	05563321	0.416	27	0.86	0.95
43	Chilean Journal of Agricultural Research	07185820	0.347	13	0.85	0.892
44	Central European Journal of Biology	1895104X	0.274	19	0.78	0.518
45	Brazilian Journal of Plant Physiology	16770420	0.302	31	0.77	0.799
46	Journal of Environmental Biology	02548704	0.31	28	0.67	0.756
47	Journal of Plant Nutrition	01904167	0.4	49	0.57	0.785
48	Archives of Agronomy and Soil Science	14763567	0.29	13	0.55	0.47
49	Polish Journal of Chemical Technology	18994741	0.195	7	0.51	0.456
50	Wood Research	13364561	0.296	10	0.39	0.764
51	International Journal of Pharma and Bio Sciences	09756299	0.329	11	0.39	0.643
52	Journal of Biological Sciences	18125719	0.158	16	0.33	0.335

	53	Journal of Food, Agriculture and Environment	14590255	0.225	18	0.32	0.341
	54	International Journal of Botany	18119719	0.177	12	0.31	0.54
	55	Life Science Journal	10978135	0.161	12	0.16	0.245
	56	EurAsian Journal of Bio-Sciences	13079867	0.122	1	0.08	0.025
	57	Journal of Ethnopharmacology	03788741	1.069		2.998	1.70
	58	Journal of Plant Biochemistry and Biotechnology	09717811			1.094	
	59	Indian Journal of Traditional Knowledge	09725938			0.411	
23.	Details of patents and income generated:		Nil				
24.	Areas of consultancy and income generated:		Nil				
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad:		N A				
26.	<p>Faculty serving in:</p> <p>(xxxiv) National committees:</p> <p>1. Prof. M. Iqbal</p> <p>(i) Included in a NAAC Peer Team for Accreditation & Assessment of Hutatma Rajguru Mahavidyalaya, Pune, Maharashtra for purpose of Accreditation (2014)</p> <p>(ii) Appointed as Member, Board of Studies, Interdisciplinary Biotechnology Unit, Aligarh Muslim University, Aligarh (2015-2017).</p> <p>2. Prof. M.P. Sharma</p> <p>(i) Member of Project Evaluation Committee UGC (2010-11)</p> <p>(ii) Member, Board of Studies in Botany, HNB Garhwal University (2011-13)</p> <p>(iii) Member, Board of Studies in Botany, MD University, Rohtak (2012-14)</p> <p>(ii) International committees</p> <p>Prof. M. Iqbal</p> <p>(i) Selected as Member of Central Panel for Islamic Development Bank (IDB) programs in India (Jan. 2014 – Dec. 2017).</p> <p>(ii) worked as an Expert for the Croatian Science Foundation, Opatitja, Croatia (2011)</p> <p>(iii) worked as an Expert for the National Research Development and Innovation Office (NKFIH), Hungary (2015)</p>						

(xxxv) Editorial Boards of journals			
	Prof. M. Iqbal	Editorial Board Member	<i>Annals of Phytomedicine</i> , Hyderabad (since 2012)
		Editorial Board Member	<i>Climate Change & Environmental Sustainability</i> , New Delhi (since 2013)
		Editorial Board Member	<i>International Journal of Environmental Botany</i> , Lucknow (2013-2016)
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs): None		
28.	Student projects:	<ul style="list-style-type: none"> percentage of students who have done in-house projects including inter-departmental projects <p>100%</p> <ul style="list-style-type: none"> percentage of students who have done projects in other Universities/Institutions : Nil 	
29.	Awards /recognitions received at the national and international level by:		
	Designation	Name of Award	Recipient
	Faculty	1. Vigyn Gaurave Award (2011) of the Uttar Pradesh Council of Science & Technology for fextraordinary contribution of scientific research 2. Bharat Jyoti Award (2012) of the Indina International Friendship society for world-wide promotion of Indian science. 3. Elected of International Society of Environmental Botanists (EISEB) Lucknow (2013) 4. International Societyof Plant Morphologists (FISPM) award in (2014) 5. Nominated as Vice Presidnet, Internatinal society of Environmental Botanist (2013-2016) 6. INSA-DFG Fellowship (2013) for visiting Germany under the International Scientist Exchange Programme of Indina National Science Academy (INSA)	Prof. M. Iqbal Prof. M. Iqbal Prof. M. Iqbal Prof. M. Iqbal Dr. Altaf Ahmad Dr. Mahmooduzzafar

		<p>7. Elected as Vice President of Federation of Central Universities Teacher Association (FEDCUTA).</p> <p>8. Member, Edit Board, <i>Climate Change & Environmental Sustainability</i>, New Delhi (since 2013)</p> <p>9. Member, Edit Board, <i>International Journal of Environmental Botany</i>, Lucknow (2013-2016)</p> <p>10. Invited speaker and Chairman of technical Session in the International Workshop on “<i>Environmental Changes and Conservation of Plant Diversity</i>” Baku, Azerbaijan (April 2013)</p> <p>11. Worked as an Expert for the Croatian Science Foundation, Opatia, Croatia (2011)</p> <p>12. Worked as an Expert for the National Research Development and Innovation Office (NKFIH), Hungary (2015)</p>	<p>Prof. M. Iqbal</p> <p>Prof. M. Iqbal</p> <p>Prof. M. Iqbal</p> <p>Prof. M. Iqbal</p> <p>Prof. M. Iqbal</p>
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30. Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:

Title Seminar/Conference/ Workshop	Dates	No. of participants	Outstanding participants (keynote speakers, scientists/academicians who attended the programme)
UGC-SAP (DRS-I) sponsored National Seminar on Medicinal Plants Research in India	16-17 th March 2012	119	Prof. M.N.V. Prasad University of Hyderabad Bala Prasad National Medicinal Plant Board Prof. Wazahat Husain Aligarh Muslim University
25 th Silver Jubilee International Conference on Medicinal Plants & Human Health, organized by Department of Botany in collaboration of NESAI at INSA, New Delhi	28-29 th November 2012	80	Prof. A. H. Munshi University of Kashmir Dr. Amirt Lal Singh Directorate of Groundnut Research, Junagadh Dr. Veen Gupta Principal Scientist, National Bureau of Plant, Pusa, New Delhi
UGC-SAP sponsored National Seminar on Medicinal Plants and their Characterization	26-27 th February 2013	79	Neelama Sharma Pusa, New Delhi H.B. Singh Ex-Chief Scientist, RHMD Neeraj Tandon Scientist, ICMR, N.Delhi Suman, Former Director, CIMAP, Lucknow

National Seminar on Climate Change & Environmental sustainable Development, organized by Department in collaboration with NESAs.	9-10 th December 2013	152	Dr. B. C. Tripathy, JNU Prof. M. S. Siddiqui, Hissar Prof. A. K. Bhatnagar, New Delhi Prof. Veena Agarwal New Delhi			
UGC-SAP sponsored National Seminar on Medicinal Plants Research: Retrospect & Prospects	April 1 st 2014	90	Dr. H. B. Singh Ex-Chief Scientist Raw Materials Herbarium & Museum, N. Delhi Dr. Neeraj Tando Deputy Director General ICMR, New Delhi Dr. Suman P.S. Khanuja Former Director, Central Institute of Medicinal & Aromatic Plants, Lucknow			
31	Code of ethics for research followed by the departments:		The ethical principals followed are: honesty, objectivity, integrity, openness, responsible mentoring, responsible publication, non-discrimination, and know and obey relevant laws and institutional and governmental policies. The research scholars pursuing their Ph.D. programmes are taught a course work on Research methodology, in which they are taught all the above mentioned ethical issues.			
32	Student profile programme-wise:					
Name of the Programme		Year	Application Received	Total No. of Student		Pass Percentage (%)
M.Sc.		2011	166	10	18	100%
		2012	141	09	18	100%
		2013	176	06	20	100%
		2014	093	04	22	100%
		2015	113	05	21	100%
Total				34	99	100%
Ph.D.		2011	---	----		100%
		2012	27	4		
		2013	23	12		
		2014	23	13		
		2015	07	6		
Total				35		
33	Diversity of students:					

	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries												
	M.Sc. (Botany)	2009-2011	24	76	---												
		2010-2012	25	75	---												
		2011-2013	46	54	---												
		2012-2014	38	62	---												
		2013-2015	64	36	---												
	Name of the Programme	Year	% of students from the same university	% of students from other universities (MoU)	% of student from other countries												
	Ph.D. (Botany)	2011-2015	47	25	8.33												
34	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	Nil NET-JRF): 1. Shakoor AhmdMir 2. Muzamil ali 3. Mohammad Ahmad 4. Samina Naaz 5. Nighat Fatima 6. Sofi Javaied Hussain 7. Basit Gulzar															
35	Student progression:	<table border="1"> <thead> <tr> <th>Student Progression</th> <th>Percentage against enrolled</th> </tr> </thead> <tbody> <tr> <td>PG to M.Phil.</td> <td>N A</td> </tr> <tr> <td>PG to Ph.D.</td> <td>4%</td> </tr> <tr> <td>Ph.D. to Postdoctoral</td> <td>3%</td> </tr> <tr> <td>Employed</td> <td rowspan="2">None -----</td> </tr> <tr> <td> <ul style="list-style-type: none"> Campus selection Other than campus recruitment </td> </tr> </tbody> </table>		Student Progression	Percentage against enrolled	PG to M.Phil.	N A	PG to Ph.D.	4%	Ph.D. to Postdoctoral	3%	Employed	None -----	<ul style="list-style-type: none"> Campus selection Other than campus recruitment 			
Student Progression	Percentage against enrolled																
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Employed	None -----																
<ul style="list-style-type: none"> Campus selection Other than campus recruitment 																	
36	Diversity of staff:	<table border="1"> <thead> <tr> <th>Percentage of faculty who are graduates</th> <th>M.Sc.</th> <th>Ph.D.</th> </tr> </thead> <tbody> <tr> <td>of the same University</td> <td>N A</td> <td>20%</td> </tr> <tr> <td>From other universities within the state</td> <td>N. A</td> <td>100</td> </tr> <tr> <td>From universities other States</td> <td>100%</td> <td>100%</td> </tr> </tbody> </table>				Percentage of faculty who are graduates	M.Sc.	Ph.D.	of the same University	N A	20%	From other universities within the state	N. A	100	From universities other States	100%	100%
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of the same University	N A	20%															
From other universities within the state	N. A	100															
From universities other States	100%	100%															

		From universities outside the country	---	----																																																						
37	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	None																																																								
38	Present details of departmental infrastructural facilities with regard to:	<p>ss) Library: No Departmental Library. The central library has all the necessary resources and facilities and it is located within the campus.</p> <p>tt) Internet facilities for staff and students : Available</p> <p>uu) Total number of class rooms : 02</p> <p>vv) Class rooms with ICT facility : 02</p> <p>ww) Students' laboratories : 02</p> <p>xx) Research laboratories : 06</p> <p>yy) Departmental Instruments facility: 01</p>																																																								
39	List of doctoral, post-doctoral students and Research Associates:	<p>(ix) from the host institution/university</p> <table border="1"> <thead> <tr> <th>Ph.D. Scholars</th> <th>Supervisor</th> </tr> </thead> <tbody> <tr><td>Taisu Isha</td><td>Dr. A. Mujib</td></tr> <tr><td>Nadia Zafar</td><td>Dr. A. Mujib</td></tr> <tr><td>Arajmand Fruk</td><td>Dr. T. O. Siddiqi</td></tr> <tr><td>Mohammad Ahmad</td><td>Dr. T. O. Siddiqi</td></tr> <tr><td>Saima Liaqat</td><td>Dr. T. O. Siddiqi</td></tr> <tr><td>Qurratul</td><td>Dr. T. O. Siddiqi</td></tr> <tr><td>A.K. Mishra</td><td>Prof. M. P. Sharma</td></tr> <tr><td>Shruti Singh</td><td>Prof. M. P. Sharma</td></tr> <tr><td>Peerzada Yasir Yousuf</td><td>Prof. M. Iqbal</td></tr> <tr><td>Arshid Hussain Ganie</td><td>Prof. M. Iqbal</td></tr> <tr><td>Shabana</td><td>Dr. Altaf Ahmad</td></tr> <tr><td>Riyazuddin Khan</td><td>Dr. Mahmooduzzafar</td></tr> <tr><td>W.M.Khanam Al-Akbari</td><td>Dr. Shahid Umar</td></tr> <tr> <th>(x) From other Universities</th> <th>Supervisor</th> </tr> <tr><td>Nazmia Hasan</td><td>Prof. M. P. Sharma</td></tr> <tr><td>Anwar Shah</td><td>Prof. M. P. Sharma</td></tr> <tr><td>Anish Mohammad</td><td>Dr. Mahmooduzaffar</td></tr> <tr><td>Shipra Rani Jha</td><td>Prof. Javed Ahmad</td></tr> <tr><td>Shewta Singh</td><td>Dr. Altaf Ahmad</td></tr> <tr><td>Seema Ameen</td><td>Dr. Altaf Ahmad</td></tr> <tr><td>Talat Anjum</td><td>Dr. Altaf Ahmad</td></tr> <tr><td>Ovais Sareer</td><td>Dr. Shahid Umar</td></tr> <tr><td>Yasheshwar</td><td>Dr. Shahid Umar</td></tr> <tr><td>Chitra Wadhvani</td><td>Dr. T. O. Siddiqi</td></tr> <tr><td>Muzamil Ali</td><td>Dr. A. Mujib</td></tr> <tr><td>Kamal Ruhil</td><td>Prof. M. Iqbal</td></tr> </tbody> </table>			Ph.D. Scholars	Supervisor	Taisu Isha	Dr. A. Mujib	Nadia Zafar	Dr. A. Mujib	Arajmand Fruk	Dr. T. O. Siddiqi	Mohammad Ahmad	Dr. T. O. Siddiqi	Saima Liaqat	Dr. T. O. Siddiqi	Qurratul	Dr. T. O. Siddiqi	A.K. Mishra	Prof. M. P. Sharma	Shruti Singh	Prof. M. P. Sharma	Peerzada Yasir Yousuf	Prof. M. Iqbal	Arshid Hussain Ganie	Prof. M. Iqbal	Shabana	Dr. Altaf Ahmad	Riyazuddin Khan	Dr. Mahmooduzzafar	W.M.Khanam Al-Akbari	Dr. Shahid Umar	(x) From other Universities	Supervisor	Nazmia Hasan	Prof. M. P. Sharma	Anwar Shah	Prof. M. P. Sharma	Anish Mohammad	Dr. Mahmooduzaffar	Shipra Rani Jha	Prof. Javed Ahmad	Shewta Singh	Dr. Altaf Ahmad	Seema Ameen	Dr. Altaf Ahmad	Talat Anjum	Dr. Altaf Ahmad	Ovais Sareer	Dr. Shahid Umar	Yasheshwar	Dr. Shahid Umar	Chitra Wadhvani	Dr. T. O. Siddiqi	Muzamil Ali	Dr. A. Mujib	Kamal Ruhil	Prof. M. Iqbal
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		Postdoctoral Fellows		Mentor						
		(i) from host institution								
		Dr. Ruby Chandana			Dr. Dr. Altaf Ahmad					
		(ii) from othr institution								
		Dr. Rahat Nazar Khan			Dr. Shahid Umar					
		Dr. Naushina Iqbal			Dr. Shahid Umar					
		Dr. Tariq Aftab			Dr. T. O. Siddiqi					
		Dr. Anil Kumar			Dr. T. O. Siddiqi					
Dr Jyotsna Sharma Gairola		Dr. T. O. Siddiqi								
40	Number of post graduate students getting financial assistance from the university:	One (per year)								
41	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:	No								
42	Does the department obtain feedback from:	<p>i) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes. Informal feedback is received from teachers and the same is discussed in the Board of Studies of the Department comprising of teachers of the department and external experts. Based on the feedback necessary improvement in the syllabus is made.</p> <p>ii) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes. Informal feedback from students regarding curriculum is sought periodically the matter is than discussed in the Board of Studies meeting of the Department. The minutes of Board of Studies are forwarded to Academic Council for its consideration. After approval from academic council the needed changed incorporated in the syllabus.</p> <p>iii) Alumni and employers on the programmes offered and how does the department utilize the feedback? Yes, No formal feedback is sought from the alumni, however, suggestion of alumni visiting the department during the seminar and conferences or for any other purposes are taken into consideration.</p>								
43	List the distinguished alumni of the department (maximum 10):	Distinguished Alumni								
		<table border="1"> <thead> <tr> <th>S.No</th> <th>Name</th> <th>Present Position and affiliation</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Prof. Deepshikha Pandey</td> <td>Professor, Amity</td> </tr> </tbody> </table>			S.No	Name	Present Position and affiliation	1	Prof. Deepshikha Pandey	Professor, Amity
S.No	Name	Present Position and affiliation								
1	Prof. Deepshikha Pandey	Professor, Amity								

				University, NOIDA
		2	Dr. Sandip Das	Associate Professor, Delhi University
		3	Dr. Hasib Mughal	IPS, SP, Rajauri, J & K
		4	Dr. Parveiz Raina	KAS, J & K
		5	Dr. Anamika Gulati	Principal Scientific Officer, DBT, N. Delhi
		6	Dr. Khurshid Qadri	IAS, City Magistrate, Kolkata
		7	Dr. Anjana	Asstt. Director, IGNOU
		8	Dr. Shakeelur Rahman	NGO Prakriti Bachao Foundation , Ranchi, Jharkhand
		9	Dr. Altaf Ahmad	Professor, Dept. of Botany, A.M.U.
		10	Dr. Khalidul Rehman Hakeem	Associate Professor, Putra University, Malaysia
44	Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.	<p>Special lectures are delivered at faculty level by distinguished speaker on various topics. The students are encouraged to attend these lectures and also the seminars/conferences organized by other department.</p> <p>Department organizes field trips tours for sample collections, field identification of plants and practical field demonstration. Additionally, field tours are organized annually to familiarize the students to plant diversity of different regions.</p>		
45	List the teaching methods adopted by the faculty for different programmes:	<ul style="list-style-type: none"> • Oral lectures supported by black board and explanations. • Use of overhead (OHP) and LCD projectors • Home assignments • Organizing field visits and excursions • Dissertations 		
46	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?	<p>The learning outcomes are monitored regularly by continuous internal assessment, which has following components:</p> <ul style="list-style-type: none"> • Test – internal test is conducted the free times a semester • Assignment – the student are given assignment on various topics to complete within the stipulated time. • Project presentation – the project work of students is monitored through oral presentation. • Presentations by Research scholars before the Departmental committee to follow their research progress 		
47	Highlight the participation of students and faculty in extension activities:	<ul style="list-style-type: none"> • Awareness campaign regarding the conservation of biodiversity and visit to Biodiversity Parks. Local trips to different localities of Delhi to make the student aware of the plant diversity of Delhi and its conservation. The students participate in extension activities organized by the University. Research scholars and students participate in organization of conferences and cultural activities as well. • The faculty of the department delivers lectures at various orientation and refresher courses. • Awareness campaign regarding the conservation of biodiversity and visit to Biodiversity Parks. 		

		<ul style="list-style-type: none"> •Local trips to different localities of Delhi to make the student aware of the plant diversity of Delhi and its conservation. •The students participate in extension activities organized by the University. •Research scholars and students participate in organization of conferences and cultural activities as well. •The faculty of the department delivers lectures at various orientation and refresher courses.
48	Give details of “beyond syllabus scholarly activities” of the department:	<ul style="list-style-type: none"> •Encouraging the students for preparation of various national level competitive examinations like CSIR, UGC, NET and GATE. •Encouraging the students to participate in debate, seminar, conferences and other extracurricular activities.
49	State whether the programme/department is accredited/graded by other agencies? If yes, give details:	<p>NAAC has accredited our University in two cycles UGC has approved two SAP programs of our Department DST has also granted FIST program to our Department</p>
50	Briefly highlight the contributions of the department in generating new knowledge, basic or applied:	<p>The department is engaged in generating new knowledge pertaining to effect of pollution on plants, physiological, biochemical and molecular aspects, ethnobotany and taxonomy of medicinal plants, which is published in peer reviewed journals. Recently the department has revised the flora of Delhi in the context of rapid urbanization and habitat loss.</p>
51	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:	<p>a. Strengths</p> <ol style="list-style-type: none"> 1. Experience and committed teachers 2. Well-equipped Research laboratories 3. Well maintained Herbal Garden 4. Significant research publications in various journals of repute 5. Healthy inter-personal relations between faculty, staff, students and scholars 6. Funding from various agencies. <p>b. Weaknesses</p> <ol style="list-style-type: none"> 1. Shortage of non-teaching staff 2. Lack of teaching staff with expertise in molecular biology 3. Need of female teacher in the department keeping in view substantial number of female students. The department conducts study tour of the students every year and as per rule a lady teacher must accompany the study if girl students are participating in the educational tour. 4. Lack of inter-disciplinary research <p>c. Opportunities</p> <ol style="list-style-type: none"> 1. Department has good collection of herbarium of flora of Delhi which needs proper documentation. 2. Developed DNA finger printing data base of important medicinal plant used in indigenous system of medicine. 3. Exploring possibilities of collaborative research with research institutes. 4. Strengthening interaction with alumni to exchange ideas in terms of research and employment of the students. 5. Applying for more funding projects <p>d. Challenges</p>

		<ol style="list-style-type: none"> 1. Decreasing enrolment for Ph. D. programme. 2. Filling up the various teaching and non-teaching posts 3. Gaining high impact factor publication for basic branches of plant sciences
52	Future plans of the department:	<ol style="list-style-type: none"> 1) Establishment of Museum and Herbarium 2) Up-gradation of Herbal Garden 3) To continue and initiate new research plan 4) Addition of more advanced equipments in PG practical lab.

EVALUATIVE REPORT OF THE DEPARTMENT

Name of the Department:	CHEMISTRY				
Year of establishment:	1989				
Is the Department part of a School/Faculty of the university?	Yes, Part of the Faculty of Science.				
Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	XIII. PG (M.Sc. Chemistry) XIV. Ph.D. (Chemistry)				
Interdisciplinary programmes and departments involved:	Nil				
Courses in collaboration with other universities, industries, foreign institutions, etc.:	Nil				
Details of programmes discontinued, if any, with reasons:	Nil				
Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Semester System (2011 to 2015) Semester & Choice Based Credit System (Commenced from July 2015)				
Participation of the department in the courses offered by other departments:	<ul style="list-style-type: none"> • Ph.D. Course work (other departments and faculty) • Teaching in Department of Food Technology (M.Tech) • Semester & Choice Based Credit System (other departments and faculty). 				
Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
	Professor	01	01	01	
	Associate Professors	01	01	01	
	Assistant Professors	04	04	04	
	Others	---	---	---	
Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
M. S. Alam	M.Phil., Ph.D.	Professor	Natural Product Chemistry/Medicinal Chemistry	25	04 [awarded] 00 [submitted] 02 [ongoing]
Kalim Javed	M.Phil., Ph.D.	Associate Professor	Natural Product Chemistry/Medicinal Chemistry	23	03 [awarded] 01 [Submitted] 03 [ongoing]
Hinna Hamid	Ph.D.	Assistant	Polymer Chemistry	10	03 [ongoing]

		Professor	Spectroscopic Techniques Food Chemistry			
M. Samim	Ph.D.	Assistant Professor	Physical Chemistry/ Nano Chemistry	10	01 [awarded] 02 [ongoing]	
Ameerunisha Begum	Ph.D.	Assistant Professor	Inorganic Chemistry/Bioinorganic Chemistry, Nanomaterials	20	01 [ongoing]	
Syed Shafi	Ph.D.	Assistant Professor	Medicinal Chemistry, Natural product Chemistry	6	Nil	
List of senior Visiting Fellows, adjunct faculty, emeritus professors:		Adjunct faculty I. Dr. Ian Cliff, Vice President Medicinal Chemistry division, Daiichi Sankyo Life Science Research Centre, Gurgaon, India. II. Dr. Vinod Kumar Kansal, President R&D (API), Teva API India Ltd.				
Percentage of classes taken by temporary faculty – programme-wise information:		NA				
Programme-wise Student Teacher Ratio:		Post Graduate: 8.5:1				
Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		Designation	Sanctioned	Filled/actual		
		Technical Assistant	01	01		
		Office Assistant	01	01		
		Lab Attendant	02	02		
Research thrust areas as recognized by major funding agencies:		I. Medicinal Chemistry (Glycogen synthase kinase – 3 inhibitors, Anti-infectives) II. Development of new Anti-inflammatory agents and anti-proliferative agents III. Nanocurcumin and its application for the treatment of Brain Ischemia IV. Size dependent antifungal activity of Silver nanoparticles V. Nano composites as catalysts VI. Nanoformulations for drug delivery				
Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:						
Name of the faculty	Title of the Ongoing project		National/International funding agencies/Tenure		Grant received	
Dr. Mohd Samim	Antifungal studies of Size and shape dependent Silver nanoparticles		DST 16.12.2010 to 15.02.2013		17,97,800.00	
Dr. Mohd Samim	Formulation of polymeric nanoparticles encapsulated curcumin (Nanocurcumin) and brain targeted for the		DST 02.02.2011 to 01.02.2014		47,46,000.00	

	prevention of Cerebral Ischemia		
Dr. Mohd Samim	Preparation, characterization and pharmacological studies on nano-encapsulated monoisoamyl DMSA for its efficacy against arsenic toxicity.	DRDO 15.02.2010 to 14.02.2013	3,50,000.00
Dr. Mohd Samim	Size dependent toxicity study of titaniumdioxide (TiO ₂) nanoparticles and its toxicity modulation by herbs.	UGC 1.5-2009 to 31.4.2012	6,76,300.00
Dr. Hinna Hamid	Small molecule inhibitors of glycogen synthase kinase – 3	DST- Fast Track 16.05.2012 to 15.05.2015	17,36,400.00
Dr. Ameerunisha Begum	Nano composites as catalysts for generation of hydrogen gas from water in PEMFC	DST 02.09.2015 to 01.09.2018	37,84,000.00
Dr. Ameerunisha Begum	Research Promotion Grant	Jamia Hamdard 01.04.2014 to 31.03.2016	4,00,000.00
Dr. Syed Shafi	Development of Novel Pyrrole based marine natural product like libraries	DST- Fast Track 16.05.2012 to 15.05.2015	27,00,000.00
Dr. Sameena Bano	Synthesis of nanoformulation of lycopene and resveratrol and development of their drug delivery system for cancer treatment	DST- Fast Track 16.05.2013 to 15.05.2016	25,00,000.00
Inter-institutional collaborative projects and associated grants received:	(i) National collaboration: Nil (ii) International collaboration: Nil		
Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	Nil		
Research facility/centre with:	<ul style="list-style-type: none"> • state recognition: Nil • national recognition : Nil • international recognition: Nil 		
Special research laboratories sponsored by/created by industry or corporate bodies:	Nil		
Publications: (last 5 years):			

- Number of papers published in peer reviewed journals (national / international): 91
- Monographs: Nil
- Chapters in Books: 2
- Edited Books
- Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers): 1
- Citation Index – range / average : **Tabulated below**
- SNIP : **Tabulated below**
- SJR : **Tabulated below**
- Impact Factor Range: **0.00 -7.76** **Average: 2.30**
- *h*-index: **Tabulated below**

Publications:

[2015]

1. Yakub Ali, **Mohammad Sarwar Alam**, Hinna Hamid, Asif Husain, Syed Shafi, Abhijeet Dhulap, Firasat Hussain, Sameena Bano, Chetna Kharbanda, Syed Nazreen, Saqlain Haider (2015). Design and synthesis of butenolide based novel benzyl pyrrolones: their TNF α based molecular docking with *in-vivo* and *in-vitro* anti-inflammatory activity. *Chemical Biology and Drug Design*. 86, 619–625. ISSN: 1747-0285. Impact Factor 2.48.
2. Yakub Ali, **Mohammad Sarwar Alam**, Hinna Hamid, Asif Husain, Sameena Bano, Abhijeet Dhulap, Chetna Kharbanda, Syed Nazreen, Saqlain Haider (2015). Design, synthesis and biological evaluation of piperic acid triazolyl derivatives as potent anti-inflammatory agents. *European Journal of Medicinal Chemistry*. 92,490-500. ISSN: 0223-5234. Impact Factor: 3.44.
3. Syed Nazreen, **Mohammad Sarwar Alam**, Hinna Hamid, Mohammad Shahar Yar, Syed Shafi, Abhijeet Dhulap, Perwez Alam, M. A. Q. Pasha, Sameena Bano, Mohammad Mahboob Alam, Saqlain Haider, Chetna Kharbanda, Yakub Ali, K K Pillai (2015). Design, Synthesis and biological evaluation of thiazolidine-2,4-diones conjugates as PPAR- γ agonists. *Arch Pharm Chemistry in life Scinces*. 348, 421- 432. ISSN :1521-4184. Impact Factor 1.53.
4. Chetna Kharbanda, **Mohammad Sarwar Alam**, Hinna Hamid, Kalim Javed, Sameena Bano, Yakub Ali, Syed Nazreen, Saqlain Haider (2015). Amleorative effects of Trichoxanthes dioica extract in suppressing inflammatory mediators and altenuating oxidative stress. *Planta Medica*. 81, 348-356. ISSN: 0032-0943. Impact Factor 2.152.
5. **Syed Shafi** (2015). Transition-metal triflate Catalyzed unprecedented formation of oxime ketals of Tetrahydrofuran via C-H functionalization. *Journal of Molecular Structure*. 1082, 114–117. ISSN: 0022-2860 Impact Factor: 1.602.
6. Pinnama Reddy Surya Pratap, **Syed Shafi**, Fatima Naaz, Nayakanti Devanna (2015). Chemical methods for the conversion of Prednisolone to 11- β -hydroxy-1,4-androstadiene-3,17-dione. *Journal of Chemical Sciences*. 127, 1827-1830. ISSN: 0974-3626 (print), 0973-7103 (online). Impact Factor 1.191.
7. Tabasum Ismail, **Syed Shafi**, Irfan Hyder, Tabasum Sidiq, Anamika Khajuria, **Sarwar M. Alam**, M. Sampath Kumar Halmuthur (2015). Design and Synthesis of Novel 1,2,3-Triazole- and 2-Isioxazoline-Based Bis-Heterocycles as Immune Potentiators. *Arch Pharm Chemistry in life Scinces*. 348, 1–12. ISSN: 0365-6233 (print), 1521-4184 (online). Impact Factor 1.531.

8. Saqlain Haider, **M. Sarwar Alam**, Hinna Hamid (2015). 1,3,4-Thiadiazoles: A potent multi targeted pharmacological scaffold. *European Journal of Medicinal Chemistry*. 92, 156-177. ISSN: 0223-5234. Impact Factor: 3.44
9. Sameena Bano, **Mohammad Sarwar Alam**, Kalim Javed , Mridu Dudeja, Ayan Kumar Das, Abhijeet Dhulap (2015). Synthesis, biological evaluation and molecular docking of some substituted pyrazolines and isoxazolines as potential antimicrobial agents. *European Journal of Medicinal Chemistry*. 95, 96-103. ISSN No-0223-5234. Impact Factor: 3.44.
10. Mohammad F. Anwar, Deepak Yadav, Sumeet Kapoor, Jagdish Chander, **Mohd. Samim** (2015). Comparison of antibacterial activity of Ag nanoparticles synthesized from leaf extract of Parthenium hysterophorus L in aqueous media and Gentamicin sulphate: in-vitro. *Drug Devevelopment and Industrial Pharmacy*. 41(1):43-50. ISSN: 0363-9045 (print), 1520-5762 (electronic). Impact factor: 2.101.
11. C. K. Prashant, Madhusudan Bhat, **Mohammed Shamim**, Farhan Jalees Ahmad, Amit Kumar Dinda (2015). Development of Poly-ε-caprolactone based Nanoadjuvant for Effective Vaccination against Tuberculosis. *New Developments in Chemistry*. 1, 1-9. ISSN: 2377-2549. Impact Factor: (-)
12. Yakub Ali, **Mohammad Sarwar Alam**, Hinna Hamid, Asif Husain, Abhijeet Dhulap, Sameena Bano, Chetna Kharbanda, Syed Nazreen, Saqlain Haider (2015). Design and synthesis of butenolide based amide derivatives as anti-inflammatory agents. *Medicinal Chemistry Research*. Accepted (DOI 10.1007/s00044-015-1404-y). ISSN No-1054-2523. Impact factor: 1.402.
13. Mohd Aslam, Rameshwar Dayal, Kalim Javed, **Mohd Samim**, Deepak Yadav, SM Arif Zaidi, Surener Singh (2015). 8-Dehydroxy chrysophenol isolated from extract of *rheum emodi* enhance gentamicin induced nephrotoxicity in rats model. *World Journal of Pharmacy and Pharmaceutical Sciences*. 3 (3), 833-849. ISSN: 2278 – 4357. (Impact Factor: (--))
14. Shashi Kant Verma, Shweta Rastogi, Indu Arora, Kalim Javed, Mohd Akhtar, **Mohd Samim** (2015). Nanoparticle based delivery of quercetin for the treatment of carbon tetrachloride mediated liver cirrhosis in rats. *Journal of Biomedical Nanotechnology*. 11, 1–12. ISSN: 1550-7033 (Print): EISSN: 1550-7041. Impact factor: 5.336.
15. Raed Yaseen, Deniz Ekinci, Murat Senturk, Alhamzah Dh. Hameed, Syed Ovais, Pooja Rathore, Mohammed Samim, **Kalim Javed**, Claudiu T. Supuran (2015). Pyridazinone substituted benzenesulfonamides as potent carbonic anhydrase inhibitors. *Bioorganic & Medicinal Chemistry Letter*, (**in press**). ISSN: 0960-894X. Impact Factor: 2.42.
16. Alhamzah Dh. Hameed, Syed Ovais, Raed Yaseen, Pooja Rathore, Mohammed Samim, Surender Singh, **Kalim Javed** (2015). Synthesis and biological evaluation of new thalazinone derivatives as anti-inflammatory and anti-proliferative agents. *Archiv der pharmazie*, (Accepted Manuscript). ISSN: 0365-6233 (print), 1521-4184 (online). Impact Factor: 1.531.
17. Imran Khan, Mushtaq A Tantray, **Hinna Hamid**, Mohammad Sarwar Alam, Abul Kalam, F. Shaikh, A. Shah, Firasat Hussain (2015). Synthesis of novel pyrimidin-4-one bearing piperazine ring based amides as glycogen synthase kinase-3β inhibitors with antidepressant activity. *Chemical Biology & Drug Design*, (**in press**). ISSN: 1747-0285. Impact Factor 2.48.
18. Mushtaq A Tantray, Imran Khan, **Hinna Hamid**, Mohammad Sarwar Alam, Sadiq Umar, Yakub

Ali, Kalicharan Sharma, Firasat Hussain (2015). Synthesis of novel oxazolo[4,5-b]pyridine-2-one based 1,2,3-triazoles as Glycogen Synthase Kinase-3 β inhibitors with anti-inflammatory potential. *Chemical Biology & Drug Design*, (in press). ISSN: 1747-0285. Impact Factor: 2.48.

19. Abdul Moheman, **Mohammad Sarwar Alam**, Ali Mohammad (2015). Recent trends in electrospinning of polymer nanofibers and their applications in ultra thin layer chromatography (Historical perspective). *Advances in Colloid and Interface Science*. 229, 1-24. ISSN: 0001-8686. Impact Factor: 7.776.
20. Yakub Ali, **Mohammad Sarwar Alam**, Hinna Hamid, Asif Husain, Abhijeet Dhulap, Firasat Hussain, Sameena Bano and Chetna Kharbanda (2016). Molecular modeling and synthesis of some new 2-imino-4-thiazolidinone derivatives with promising TNF- α inhibitory activity. *New Journal of Chemistry*. 40, 711-723. ISSN: 1144-0546 (Print & online 2016). Impact Factor: 3.086.
21. Tabasum Ismail, **Syed Shafi**, Jada Srinivas, Dhiman Sarkar, Yasrib Qurishi, Jabeena Khazir, **Mohammad Sarwar Alam**, Halmuthur Mahabalarao Sampath Kumar (2016). Synthesis and tyrosinase inhibition activity of trans-stilbene derivatives. *Bioorganic Chemistry*. 64, 97–102. ISSN: 0045-2068. Impact Factor: 2.152

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Book/ Chapter

1. M. Samim, K Kumari, p singh, RC Shrivastava, P Kumar, G K Mehrotra. Chemistry of Phytopotentials; Health Energy and Environmental Perspective (Chapter entitled Agrren Approach for the synthesis of Thiazolidine-2,4-dione and its analogue Using Gold Nps as catalyst in water). Reference Book Chapter, Springer. **2012**, 320-331. ISBN 978-3-642-23393-7.
2. Farhan Jalees Ahmad, Sohail Akhter, M. Z. Ahmad, F. Ramazani, M.Samim, Musarrat Husain Warsi, Mohammad Anwar, and Ziyaur Rahman. Chitin and Chitosan Derivatives: Advances in Drug Discovery and Developments (chapter entitled Prospective Corollary of Ophthalmic Nanomedicine: A Concept Shift toward Chitosan-Based Mucoadhesive Nanomedicine. Reference Book Chapter, Springer. **2015**, Chapter 17, page- 317-330. ISBN 9781466566286.
3. M. Samim. Chemical and Biological Studies with metal nanoparticles. Reference Book, Lambert Publishing house, Germany. **2015**. ISBN-13; 978-3-659-71847-2. ISBN-10: 3659718475.

Citation And H-index: (Google Scholar data)

Name of the Faculty	Citations	h-index
Prof. M. S. Alam	2150	24
Dr. Kalim Javed	1042	15
Dr. Hinna Hamid	448	11
Dr. M. Samim	528	11
Dr. Ameerunisha begum	595	11
Dr. Syed Shafi	224	08

S. No.	Journal Name	Source Normalized Impact Factor (SNIP)	SCImago Journal Rank (SJR)	Impact Factor

1	Chemical Biology and Drug Design		0.602	2.485
2	European Journal of Medicinal Chemistry	1.611	1.004	3.447
3	Arch Pharm Chemistry in life Sciences	--	--	1.531
4	Planta Medica	--	0.689	2.152
5	Journal of Molecular Structure.	0.810	0.405	1.602
6	Journal of Chemical Sciences.	--	0.34	1.191
7	Drug Devevelopment and Industrial Pharmacy	--	--	2.101
8	New Developments in Chemistry	--	--	--
9	Medicinal Chemistry Research	--	0.41	1.402
10	World Journal of Pharmacy and Pharmaceutical Sciences			0.00
11	Journal of Biomedical Nanotechnology.			
12	Bioorganic & Medicinal Chemistry Letter	0.859	0.821	2.420
13	Archiv der pharmazie	0.765	0.814	1.531
14	Advances in Colloid and Interface Science.	3.914	2.534	7.776
15	New Journal of Chemistry			3.086
16	Bioorganic Chemistry	0.794	0.663	2.152
17	Journal of Enzyme Inhibition and Medicinal Chemistry			2.332
18	Nanomedicine			3.463
19	Drug Testing and Analysis.			2.506
20	Pharmaceutical Development and Technology			1.202
21	International Journal of Nanomedicine.			4.383
22	Journal of Ethnopharmacology	1.701	1.069	2.998
23	Bioorganic Medicinal Chemistry	1.053	0.874	2.793
24	Carbohydrate Polymers	1.902	1.445	4.074
25	Drug Development and Industrial Pharmacy			2.101
26	Oriental Journal of Chemistry	0.578	0.27	
27	Chemistry-A European Journal			5.731
28	Current Drug Discovery Technologies.		0.59	--
29	Medicinal Chemistry		0.38	1.363
30	International Journal of Pharmaceutical Sciences and Drug Research	--	--	--
31	Journal of Materials Chemistry B	--	--	4.726
32	Protoplasma	--	--	2.651
33	Natural Product Research	--	--	0.919
34	Journal of Applied Toxicology	--	--	2.982
35	Journal of Heterocyclic Chemistry	--	--	0.787

36	Acta Poloniae Pharmaceutica Drug Research	--	--	0.74
37	Chemistry and Biology Interface	--	--	--
38	International Journal of Nanotechnology	--	--	0.618
39	Expert Opinion on Drug Delivery	--	--	4.840
40	EXCLI Journal	--	--	0.857
41	Journal of Materials Chemistry	--	--	6.626
42	Recent Patent on Biotechnology	--	0.32	--
43	Chemico-Biological Interactions	0.946	0.867	2.577
44	Fitoterapia	1.493	0.816	2.345
45	Journal of Polymer Materials	--	0.15	--
46	Verlag der Zeitschrift fur Naturforschung, Tubingen.	--	--	--
47	Human and Experimental Toxicology	--	--	1.747
48	American journal of Pharmtech Research.	--	--	--
49	Pharmacology online	--	0.21	0.16
50	Biological Trace Element Research.	--	0.54	1.748
51	Journal of Biomedical Nanotechnology	--	0.72	5.338
52	Canadian Journal of Chemistry	--	0.36	1.061
53	International immunopharmacology	0.982	0.900	2.472
54	International Journal of Natural Product Science	--	0.37	0.00
Details of patents and income generated:		<ul style="list-style-type: none"> i. Synthesis of Collagen nanoparticles. M&C ref: FP5384 ii. Antidandruff formulation of silver nanoparticles Regd.# IPR/4.13.1/10035 iii. A nasal inhalation apparatus for pulmonary delivery of DPI to animal” Patent application no. 1731/DEL/2010 dated 23.07.2010 iv. Curcumine encapsulated polymeric micelles and its targeting to brain tissue for the treatment of brain disease Regd.#.IPR/4.13.3/10036 v. Nanoformulation for liver cirrhosis. Ref.No.PAT/FA/07074. vi. PCT patent No-PCT/MY2012/000210 vii. Prof. M. S. Alam, Dr. Hinna Hamid, Dr. Syed Shafi, Syed Nazreen: An Andographolide compound and process of preperation thereof. Indian Ordinary patent application No: 2460/DEL/2014. 		
Areas of consultancy and income generated:		Nil		
Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:		Nil		
Faculty serving in:				

<p>(xxxvi) National committees: Nil (xxxvii) International committees: Nil (xxxviii) Editorial Boards of journals:</p> <p>➤ Prof. M. S. Alam: Editorial Board member of Inflammation and Cell Signalling ➤ Prof. M. S. Alam: Editorial Board Member of International Advisory Board of Oriental Journal of Chemistry</p> <p>(xxxix) any other (please specify)</p>																					
<p>Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):</p> <table border="1"> <thead> <tr> <th>Name of faculty member</th> <th>Title of programme</th> <th>Institution where attended</th> <th>Duration (dates)</th> </tr> </thead> <tbody> <tr> <td>Dr. Hinna Hamid</td> <td>Refresher course (Chemistry)</td> <td>Himachal Pradesh University- Shimla</td> <td>23.11.2015-12.12.2015</td> </tr> <tr> <td>Dr. Hinna Hamid</td> <td>Training in chemoinformatics under Faculty Development Programme Workshop on the use of software related to molecular modelling in drug design & development</td> <td>CSIR-URDIP Pune</td> <td>21.12.2015-31.12.2015</td> </tr> <tr> <td>Dr. M. Samim</td> <td>Refresher Course in Chemistry</td> <td>University of Delhi</td> <td>26.06.2015-16.07.2015</td> </tr> <tr> <td>Dr. M. Samim</td> <td>Orientation Programme (OR-69)</td> <td>University of Delhi</td> <td>13.12.2011-09.01.2012</td> </tr> </tbody> </table>		Name of faculty member	Title of programme	Institution where attended	Duration (dates)	Dr. Hinna Hamid	Refresher course (Chemistry)	Himachal Pradesh University- Shimla	23.11.2015-12.12.2015	Dr. Hinna Hamid	Training in chemoinformatics under Faculty Development Programme Workshop on the use of software related to molecular modelling in drug design & development	CSIR-URDIP Pune	21.12.2015-31.12.2015	Dr. M. Samim	Refresher Course in Chemistry	University of Delhi	26.06.2015-16.07.2015	Dr. M. Samim	Orientation Programme (OR-69)	University of Delhi	13.12.2011-09.01.2012
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<p>Student projects:</p>	<ul style="list-style-type: none"> percentage of students who have done in-house projects including inter-departmental projects <p>52%</p> <ul style="list-style-type: none"> percentage of students who have done projects in other Universities/Institutions <p>48%</p>																				
<p>Awards /recognitions received at the national and international level by:</p>	<p>Faculty</p> <p>Dr. Hinna Hamid:</p> <p>i. DST SERB Fast Track Young Scientist Grant-2012</p> <p>Dr. Syed Shafi:</p> <p>i. DST SERB Fast Track Young Scientist Grant-2012 ii. Received certificate in recognition of research work and its publication in high impact factor journal from Jamia Hamdard 2014. iii. Received certificate 'in recognition of research work and its publication in high impact factor journal' from Jamia Hamdard 2012. iv. Received certificate in recognition of achievement- Research project under DST-Fast track Scheme for Young Scientists' from Jamia Hamdard 2013. v. Received certificate 'in recognition of publication in high</p>																				

	<p>impact factor journal European Journal of Medicinal Chemistry with citations >10' from Jamia Hamdard 2013.</p> <p>Dr. M. Samim:</p> <ol style="list-style-type: none"> i. Received certificate in recognition of research work and its publication in high impact factor journal from Jamia Hamdard 2013. ii. Received certificate 'in recognition of research work and its publication in high impact factor journal' from Jamia Hamdard 2011. iii. Received certificate in recognition of achievement- Research project under DST-Fast track Scheme for Young Scientists' from Jamia Hamdard 2013. iv. Received certificate 'in recognition of publication in high impact factor journal with citations >50' from Jamia Hamdard 2013. v. Received certificate 'in recognition of publication in high impact factor journal with citations >10' from Jamia Hamdard 2014. vi. Received certificate 'in recognition of publication in high impact factor journal with citations >10' from Jamia Hamdard 2013. <p>Prof. M. S. Alam:</p> <ol style="list-style-type: none"> i. Received certificate in recognition of research work and its publication in high impact factor journal from Jamia Hamdard 2013 (3 certificates for three publications). ii. Received certificate 'in recognition of research work and its publication in high impact factor journal' from Jamia Hamdard 2014. iii. Received certificate 'in recognition of research work and its publication in high impact factor journal' from Jamia Hamdard 2015 (3 certificates for three papers). iv. Received certificate 'in recognition of publication in high impact factor journal with frequent peer-citations' from Jamia Hamdard 2015 (2 certificates). v. Received certificate 'in recognition of publication in high impact factor journal European Journal of Medicinal Chemistry with citations >10' from Jamia Hamdard 2014. vi. Received certificate 'in recognition of publication in high impact factor journal European Journal of Medicinal Chemistry with citations >10' from Jamia Hamdard 2013. <p>Dr. Kalim Javed:</p> <ol style="list-style-type: none"> i. Received certificate in recognition of research work and its publication in high impact factor journal from Jamia Hamdard 2013. ii. Received certificate 'in recognition of research work and its publication in high impact factor journal' from Jamia Hamdard 2014. iii. Received certificate 'in recognition of research work and its publication in high impact factor journal' from Jamia
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		Hamdard 2015.		
		<p><u>Doctoral/post doctoral fellows</u></p> <p>i. Dr. Sameena Bano: DST SERB Fast Track Young Scientist Grant-2013.</p> <p>ii. Dr. Abdul Moheman: Dr. D. S. Kothari Fellowship 2012.Mr. Saqlain Haider: CSIR-SRF (2012)</p> <p>iii. Dr. Amit Kumar: Dr. D. S. Kothari Fellowship 2014.</p> <p>iv. Mr. Mahboob Alam: Moulana Azad National Fellowship (2010-12 JRF & 2012-13 SRF)</p> <p>v. Ms. Syed Nazreen: Moulana Azad National Fellowship (2010-12 JRF & 2012-13 SRF)</p> <p>vi. Mr. Saqlain Haider: CSIR-SRF (2012)</p> <p>vii. Mr. Yakub Ali: Best poster award (National Symposium on “Recent Advances in Analytical Sciences and Applications” at Jamia Hamdard, New Delhi) on February 9 – 10, 2015.</p> <p>viii. Mr. Shashi Kant Verma: Received certificate in recognition of research work and its publication in high impact factor journal from Jamia Hamdard 2013.</p> <p><u>Students</u></p> <p>i. Mr. Imtiyaz Ahmad Wani: CSIR-JRF (2013)</p> <p>ii. Mr. Shashikant Verma: DST- Inspire Fellowship (2011)</p>		
Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:				
Serial No.	Title Seminars/ Conferences/ Workshops	Dates	No. of Participants	Outstanding participants (keynote, speakers, eminent scientist/academicians)
Conferences				
1.	Healthcare India 2012, International conference	20-23 Feb. 2012	500	Mr. H. E. Giacomo Sanfelice di Monteforte, Dr. M. K. Bhan, Dr. V. M. Katoch, Dr. Bertram Fraser Reid, Dr Mukesh Hariawala, Prof. Javed Iqbal, Dr. Yukio Nagasaki, Dr. Atsushi Suzuki, Dr. Mohan Prasad, Dr. Laura Teodori, , Dr. Luigi Ambrosio, Dr. Amulya K Panda, Dr. Surinder Singh, Dr. G. Galli, Dr. Alok R Ray, Dr. S Jamil, Dr. Ahmad kamal, Dr. H. M. Sampath Kumar, Dr. B. V. Rao, Prof. S. C. Jain, Dr. Ahmad Kamal, Dr. S. C. Taneja, Prof. Mohd. Mushfiq
2	Recent Advances in Analytical Sciences and Applications. National conference	9-10 Feb. 2015	250	Dr. R. K. Malhotra, Dr. Mohan Prasad, Dr. G. S. Sodhi, Dr. D. K. Tuli, Dr. Balaji Birajdar, Dr. S. S. V. Ramakumar, Dr. Ali Mohammad, Dr. V. K. Kansal,
Workshops: Nil				

<p>Code of ethics for research followed by the departments:</p>	<p>i. Honesty and Integrity in research. Acknowledgements and credits to all the contributors and funding agencies. Honour patents, copyrights and other intellectual property rights.</p> <p>ii. Abide by relevant Government laws and institutional policies including animal ethics (IAEC).</p> <p>iii. Plagiarism check</p> <p>iv. Good Lab Practises (GLP) are maintained</p> <p>v. Department ensures proper safety practices and use of proper equipments while working with reagents like Na metal/KCN/NaCN/NaH/BuLi/LDA/DIBAIH/CH₂N₂ etc.</p>					
<p>Student profile programme-wise:</p>						
<p>Name of the Programme (refer to question/point no. 4)</p>	<p>Applications received</p>	<p>Selected</p>		<p>Pass percentage</p>		
		<p>Male</p>	<p>Female</p>	<p>Male</p>	<p>Female</p>	
<p>MSc Chemistry</p>	<p>*</p>	<p>24</p>	<p>78</p>	<p>100%</p>	<p>100%</p>	
<p>PhD Chemistry</p>	<p>*</p>	<p>04</p>	<p>01</p>	<p>-</p>	<p>-</p>	
<p>Diversity of students:</p>						
<p>Name of the Programme (refer to question/point no. 4)</p>	<p>% of students from the same university</p>	<p>% of students from other universities within the State</p>	<p>% of students from universities outside the State</p>	<p>% of students from other countries</p>		
<p>M.Sc</p>	<p>NA</p>	<p>44</p>	<p>51</p>	<p>5</p>		
<p>Ph.D</p>	<p>50</p>	<p>6</p>	<p>44</p>	<p>--</p>		
<p>How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:</p>	<p>CSIR NET-JRF (Chemical Sciences): 01 1. Mr. Imtiyaz Ahmad Wani-2013</p> <p>CSIR-SRF (Chemical Sciences): 1. Mr. Saqlain Haider, CSIR-SRF-2012</p>					
<p>Student progression:</p>	<p>Student progression</p>			<p>Percentage against enrolled</p>		
	<p>UG to PG</p>			<p>Not applicable</p>		
	<p>PG to M.Phil.</p>			<p>Not applicable</p>		
	<p>PG to Ph.D.</p>			<p>13%</p>		
	<p>Ph.D. to Post-Doctoral</p>			<p>23%</p>		
	<p>Employed</p> <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 			<p>Nil 77% (After PhD), 46% (after MSc)</p>		
	<p>Entrepreneurs</p>			<p>Nil</p>		
<p>Diversity of staff:</p>	<p>Percentage of faculty who are graduates of the same university</p>					
	<p>17%</p>					

	<table border="1"> <tr> <td>from other universities within the State</td> <td>17%</td> </tr> <tr> <td>from universities from other States</td> <td>66%</td> </tr> <tr> <td>from universities outside the country</td> <td>--</td> </tr> </table>	from other universities within the State	17%	from universities from other States	66%	from universities outside the country	--
from other universities within the State	17%						
from universities from other States	66%						
from universities outside the country	--						
Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	None						
Present details of departmental infrastructural facilities with regard to	<p>(i) Library : Central library facility is used (ii) Internet facilities for staff and students : Yes (iii) Total number of class rooms : 02 (iv) Class rooms with ICT facility: 02 (v) Students' laboratories : 02 (vi) Research laboratories : 03</p> <p>Class rooms are having all modern facilities for smart teaching and learning. The Wi-Fi connection enables the teacher to connect his class room with world as and when required to explain the latest advancements in the concerned subjects/ to discuss scientific discoveries. Faculty members and students are also able to explore the possibilities available in smart phones for their learning processes.</p>						
List of doctoral, post-doctoral students and Research Associates:	<p>Post-doctoral students</p> <p>(i) from the host institution/university Dr. Sameena Bano</p> <p>(ii) from other institutions/universities Dr. Syed Shafi Dr. Abdul Moheman Dr. Amit Kumar</p> <p>Doctoral students</p> <p>(xi) from the host institution/university</p> <ol style="list-style-type: none"> 1. Rafia Bashir 2. Mehboob Alam 3. Shafiya Yaseen 4. Fauzia Mir 5. Roopali Agarwal 6. Saqlain Haider 7. Syed Ovais 8. Syed Nazreen 9. Imran Khan 10. Yakub Ali 11. Chetna 12. Pooja Rathore 13. Mushtaq Ahmad 14. M. Faiyaz Anwar 15. Shashi Kant Verma 16. Raed Yasin 						

	<p>17. Al-hamza 18. Pankaj Rathore 19. Mobin Ahsan Siddiqui 20. Aashif Hassan Sheikh 21. Kaynat Zehra</p> <p>(xii) from other institutions/universities (MoU)</p> <p>1. Tabassum Ismail (MoU) 2. Mithlesh Rajput (MoU) 3. Runumi Gogoi (MoU) 4. Abdul Rahman A. Rauf (MoU) 5. Jabeena Khazir Dar (MoU) 6. Raghuram (MoU) 7. Nilay Kanti (MoU) 8. Pushplata (MoU) 9. Rijwan Jaffer Mobin (MoU) 10. Mohd. Asher (MoU)</p>																								
Number of post graduate students getting financial assistance from the university:	20 (04 per year)																								
Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	No																								
Does the department obtain feedback from:	Yes																								
List the distinguished alumni of the department (maximum 10):	<table border="1"> <thead> <tr> <th>Name</th> <th>Course</th> <th>Batch</th> <th>Present position and affiliation</th> </tr> </thead> <tbody> <tr> <td>Dr. Syed Tarique Abdullah</td> <td>PhD</td> <td>2002</td> <td>Asst. Director, IPR, Daiichi Sankyo, New Delhi</td> </tr> <tr> <td>Dr. Asif Ali</td> <td>PhD</td> <td>2002</td> <td>Principal Scientist, CSIR IIM-Jammu</td> </tr> <tr> <td>Dr. Hinna Hamid</td> <td>PhD</td> <td>2002</td> <td>Assistant Professor-Jamia Hamdard, New Delhi</td> </tr> <tr> <td>Dr. Malik Nasibullah</td> <td>M. Sc.</td> <td>2004</td> <td>Assistant Professor, Integral University- Lucknow</td> </tr> <tr> <td>Dr. Deewan Akram</td> <td>M. Sc.</td> <td>2004</td> <td>Assistant Professor, Department of Chemistry, Jazan University, Saudi Arabia.</td> </tr> </tbody> </table>	Name	Course	Batch	Present position and affiliation	Dr. Syed Tarique Abdullah	PhD	2002	Asst. Director, IPR, Daiichi Sankyo, New Delhi	Dr. Asif Ali	PhD	2002	Principal Scientist, CSIR IIM-Jammu	Dr. Hinna Hamid	PhD	2002	Assistant Professor-Jamia Hamdard, New Delhi	Dr. Malik Nasibullah	M. Sc.	2004	Assistant Professor, Integral University- Lucknow	Dr. Deewan Akram	M. Sc.	2004	Assistant Professor, Department of Chemistry, Jazan University, Saudi Arabia.
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Dr. Deewan Akram	M. Sc.	2004	Assistant Professor, Department of Chemistry, Jazan University, Saudi Arabia.																						

	Dr. Shamim Ahmad	MSc, PhD	2008	Sr. Manager (NCE) Dr. Reddy's Origin Pharma Pvt. Ltd.- Bengaluru
	Dr. I. G. Rathish	MSc, PhD	2008	Asst. Professor, Inter University centre for Intellectual Property Rights, Cochin University, Cochin.
	Dr. Irshad A Lone	MSc, PhD	2009	Assistant Professor & Head, GDC Handwara, Kashmir
	Dr. Mohammad Mahaboob Alam	MSc, PhD	2013	Assistant Professor, Albaha University, Saudi Arabia.
	Dr. Syed Ovais	MSc & PhD	2014	Patent Associate, K&S Partners, Gurgaon.
Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	<p>Students and faculty members participate in special lectures/workshops/seminors conducted by IQAC of the University.</p> <ul style="list-style-type: none"> ➤ Lecture by Dr. Raj Hirwani, Head, CSIR Unit for Research and Development of Information Productd (URDIP)-Pune on "Invention, Disclosure and Evaluation" on 24.04.2013. ➤ Lecture by Dr. C K Sehgal, ANM Global on "Compulsory Licencing, on 10.10.2013. ➤ Lecture by Prof. Vipin Tripathi, IIT-Delhi, on "Science and Freedom, on 26.11.2015. 			
List the teaching methods adopted by the faculty for different programmes.:	<p>Teaching: Mostly, blackboard, overhead projector and ICT in teaching for PG and PhD students. Molecular models are used for the better understanding of stereo chemistry. At the end of lectures of every unit of courses, tutorials classes are taken for better understanding of the topics. Coaching classes are arranged for NET, GATE, SLET and other competitive examinations.</p> <p>Seminars: Power Point presentations are conducted throughout the academic session for the students of PG (I to IV Semesters) and dissertation seminars for PG-IV semester as part of the curriculam..</p> <p>Practical: Apart from the regular lab course, Hands on training with various instruments (IR, UV, HPLC, HPTLC etc. are given to the PG as well as PhD students. SOPs are provided to operate</p>			

	<p>the instruments. All necessary safety precautions are regularly given while handling chemicals.</p> <p>Motivation: Inspiring the students for achieving their individual goals and linking their individual goals with societal and national goals. Department is providing the fellowships for toppers and needy students as an encouragement.</p>
<p>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:</p>	<ul style="list-style-type: none"> ➤ Through, Sessional exams, Semester exams, based on the experts opinions during viva-voce of MSc students. ➤ The programme objectives and learning outcomes are monitored through sessional and surprise tests. ➤ PhD-research programmes are monitored by supervisors, PhD seminars, Doctoral committees and performances are based on publications and patents ➤ Based on the placement of students at various pharmaceutical industries, teaching organizations and research institutions.
<p>Highlight the participation of students and faculty in extension activities.</p>	<ul style="list-style-type: none"> ➤ Students actively participate in various extracurricular activities including Sports & games, cultural programmes, Swachh Bharat Abhiyaan, environment awareness programmes etc. ➤ Teachers are actively engaged in the administrative assignments given to them from time to time like proctor, provost, warden, incharge day care, members in examination/admission committees.
<p>Give details of “beyond syllabus scholarly activities” of the department.</p>	<ol style="list-style-type: none"> 1. Publication of research papers in peer-reviewed journals. 2. Seminars and group discussions 3. Presentation of research papers in seminars and conferences. 4. Organization and participation in conferences/seminars. 5. Evaluation of doctoral thesis. Reviewing research manuscripts.
<p>State whether the programme/department is accredited/graded by other agencies? If yes, give details.:</p>	<p>Nil</p>
<p>Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:</p>	<p>The Department of Chemistry has shown overall leadership not only in the specific areas of specialization but also in its capacity to develop their students in various other areas. The faculty members are contributing to the body of knowledge through their project works and publications of scholarly research papers and patents.</p> <ul style="list-style-type: none"> ➤ Synthesis of Collagen nanoparticles. M&C ref: FP5384 ➤ Antidandruff formulation of silver nanoparticles Regd.# IPR/4.13.1/10035 ➤ A nasal inhalation apparatus for pulmonary delivery of DPI to animal” Patent application no. 1731/DEL/2010 dated 23.07.2010 ➤ Curcumine encapsulated polymeric micelles and its targeting to brain tissue for the treatment of brain disease Regd.#.IPR/4.13.3/10036 ➤ Nanoformulation for liver cirrhosis. Ref.No.PAT/FA/07074. ➤ PCT patent No-PCT/MY2012/000210

	<ul style="list-style-type: none"> ➤ Prof. M. S. Alam, Dr. Hinna Hamid, Dr. Syed Shafi, Syed Nazreen: An Andographolide compound and process of preparation thereof. Indian patent filed. Patent filed No: 2460/DEL/2014. ➤ Published Books contributing knowledge in different areas of Chemistry.
<p>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:</p>	<p>Strengths</p> <ul style="list-style-type: none"> ➤ Teaching: The Department has highly qualified and competent faculty, with strong commitment to teaching and research. The course curricula are regularly updated. M.Sc. final year students are sent to different Pharma industries/ Research institutes/inter departmental research labs for their dissertation programmes to get the early research exposure at the PG level. The students are placed in various academic and R & D organizations. Some PG students have qualified NET (JRF), GATE and other national level exams. Department has become the choice of students for admission at PG and Ph.D. levels. ➤ Basic research: The faculty members are actively engaged in research work in medicinal chemistry, Nano drug delivery systems and isolation of natural products. They have quality research publications in reputed peer reviewed Journals with high impact factors. The department has basic facilities to carry out the basic research. The department has good departmental instrumentation facility and Sci-finder facility. The department has MoU with various Pharma industries/ Research institutes including Daichi Sankyo, Sun pharma, Curadev Pharma, Sri Ram institute of Industrial Research, Indian Institute of Integrative Medicine-Jammu etc. which enables the students and faculty to have interdisciplinary interactions. Every research student registered to Ph.D should publish at least one research article with impact factor greater than 1 in the chosen topic in peer Reviewed International Journal before submitting his/her Ph.D. thesis. The University encourages students in the form of incentives who publish in high impact factor journals (>3). This policy is greatly help the student to involve in active research and get a deep insight in to the concerned topic and also improves the quality of research. ➤ Student Placement and Enrichment: PhD and PG students are absorbed in various industries, academic and R&D organizations. ➤ Maintainance of discipline and good academic atmosphere ➤ Basic research infrastructure, Wi-Fi & Sci-Finder facility <p>b. Weaknesses</p> <ol style="list-style-type: none"> 1. Department needs additional space for setting more research labs 2. Need of more sophisticated instrumentation facility like XRD, VSM, HRTEM, SEM, AFM, STM, etc.. for higher quality of research work. 3. Not able to attract international teaching faculty

	<p>4. Lack of financial resources is a major constraint. 5. <i>In vitro</i> lab facility for target based research</p> <p>The Faculty members in the Department are actively involved in the frontier areas of research like Nano Chemistry, Natural product chemistry, Natural product inspired bioactive molecule generations (NCEs), Catalysis, Computational Chemistry, etc. The expertise and exposure of the Faculty in research need to be addressed in the most effectively manner by providing required infrastructural and equipment facilities.</p> <p>c. Opportunities</p> <ol style="list-style-type: none"> 1. Industry-Institution interaction: Develop active interactions with industries in terms of curriculum development and research. 2. Collaborative Projects and Research: More collaborative research work/ projects in new and frontier areas with other premier research Institutions. 3. Seminars & Conferences: Organize more National and International conferences and Symposia in major specialized areas of research. 4. Industrial Exposure: In result of the early research exposure in PG level at various pharma industries/ research institutions, students have various job opportunities/ research opportunities to enter in the pharma industries/ research labs. 5. Faculty Enrichment/ Student exchange programmes: Faculty / student exchange with other academic institutions of excellence at national and international level. <p>d. Challenges</p> <ol style="list-style-type: none"> 1. Upgrading quality teaching & research: To attract t quality faculty with strong motivation for competitive teaching and research. 2. Courses & Curricula development in consonance with the emerging needs and trends. 3. Sophisticated instrumentation: Procurement of advanced and sophisticated instruments is a major challenge in view of financial constraints. 4. Financial Resources: Meeting financial crunch is one of the major challenges. 5. International Collaboration: To develop International collaborative teaching and research with foreign Universities/Institutions
<p>Future plans of the department.:</p>	<ul style="list-style-type: none"> ➤ Introduction of new courses and curricula: Department aims to establish BSc Honours in Chemistry. ➤ Departmental Library set up ➤ National and International collaboration. ➤ University-Industry interaction. ➤ Emphasis on patents. ➤ DST-FIST Phase-I. ➤ UGC-SAP Phase-I. ➤ Sophisticated instrumentation facility ➤ To develop <i>in vitro</i> cell culture Lab for various drug targets ➤ To organize Conferences, invited lectures, lecture series from eminent scientists frequently.

	<p>The department also aims to cater the needs and hopes of the society by imparting training to more post graduate and doctoral students through various innovative academic programmes and frontier areas of research. The over all aim of the department is to make a reputed and excellent centre for teaching and research.</p>
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EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	MEDICAL ELEMENTOLOGY AND TOXICOLOGY				
2.	Year of establishment:	1994				
3.	Is the Department part of a School/Faculty of the university?	Yes, Faculty of Science				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	i. PG (M.Sc. Toxicology) ii. Ph.D. (Toxicology)				
5.	Interdisciplinary programmes and departments involved:	NA				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA				
7.	Details of programmes discontinued, if any, with reasons:	NA				
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	Semester/Choice Based Credit System				
9.	Participation of the department in the courses offered by other departments:	<ul style="list-style-type: none"> Ph.D. Course work in Faculty of Science Choice Based Credit System (Other Departments and Faculties of Jamia Hamdard) 				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor	1	02	02	
		Associate Professors	1	02	02	
		Assistant Professors	7	01	01	
		Others	---	---	---	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Ehsan A. Khan	M.Phil., Ph.D.	Professor	Biostatistics	30	None
	S. Raisuddin	Ph.D.	Professor	Endocrine disrupting chemicals,	21	06 [awarded] 08 [ongoing]

				Ecotoxicology, Preventive Toxicology																	
	Sarwat Sultana	M.Phil., Ph.D.	Associate Professor	Cancer Chemoprevention, Drug Toxicology	26	11 [awarded] 03 [submitted] 05 [ongoing]															
	Suhel Parvez	Ph.D.	Associate Professor and Head	Neurotoxicology, Nanotoxicology, Mitochondria Biology	05	02 [submitted] 07 [ongoing]															
	Haider A. Khan	Ph.D.	Assistant Professor	Clinical Toxicology, Animal Models of Arthritis	20	04 [awarded] 03 [ongoing]															
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	Prof. P.K Seth (Ex-Director IITR, Lucknow) Prof. Qamar Rahman (Ex- Deputy Director, IITR, Lucknow)																			
13.	Percentage of classes taken by temporary faculty – programme-wise information:	NA																			
14.	Programme-wise Student Teacher Ratio:	Post Graduate: 8:1																			
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	<table border="1"> <thead> <tr> <th>Designation</th> <th>Sanctioned</th> <th>Filled/actual</th> </tr> </thead> <tbody> <tr> <td>Technical Assistant</td> <td>01</td> <td>01</td> </tr> <tr> <td>Senior Lab Assistant</td> <td>01</td> <td>01</td> </tr> <tr> <td>Office Assistant</td> <td>01</td> <td>01</td> </tr> <tr> <td>Lab Attendant</td> <td>04</td> <td>04</td> </tr> </tbody> </table>					Designation	Sanctioned	Filled/actual	Technical Assistant	01	01	Senior Lab Assistant	01	01	Office Assistant	01	01	Lab Attendant	04	04
Designation	Sanctioned	Filled/actual																			
Technical Assistant	01	01																			
Senior Lab Assistant	01	01																			
Office Assistant	01	01																			
Lab Attendant	04	04																			
16.	Research thrust areas as recognized by major funding agencies:	xii. Role of environmental pollutants in ecotoxicology and immunotoxicology. xiii. Endocrine disrupting chemicals and their toxicity profile. xiv. Targeting the molecular mechanism and elucidation of their plausible role in the induction of carcinogenesis of different sites, in vitro and in vivo at preclinical stage. xv. Elucidating the role of various Neuroprotectants in various Neurological diseases such as Alzheimer, Parkinson diseases and ischemic stroke. xvi. Neurotoxicology and mitochondrial role in various neurological diseases. xvii. Molecular and cellular mechanism of autoimmune diseases such as multiple sclerosis and arthritis.																			
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:	<table border="1"> <thead> <tr> <th>Name of the faculty</th> <th>Title of the Ongoing project</th> <th>National/International funding agencies/Tenure</th> <th>Grant received</th> </tr> </thead> <tbody> <tr> <td>Dr. Sarwat</td> <td>Protective effects of Unani</td> <td>CCRUM (AYUSH)</td> <td>Rs.25,00,000</td> </tr> </tbody> </table>					Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure	Grant received	Dr. Sarwat	Protective effects of Unani	CCRUM (AYUSH)	Rs.25,00,000							
Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure	Grant received																		
Dr. Sarwat	Protective effects of Unani	CCRUM (AYUSH)	Rs.25,00,000																		

	Sultana	drugs against liver	01.04.2008 to 31.03.2011	
	Dr. Sarwat Sultana	Standardization and Safety Evaluation of UnaniDrugs	CCRUM (AYUSH) 01.04.2008 to 31.03.2011	Rs. 27,00,000
	Dr. Sarwat Sultana	Genetic alteration in human renal cell carcinoma: A mechanistic approach	ICMR 01.09.2008 to 31.08.2011	Rs. 38,00,000
	Dr. Sarwat Sultana	Expression of NFk B.TNF alpha, IFN gamma in hepatic carcinogenesis: Protection by perillyl alcohol, a naturally occurring monoterpene	UGC-MRP 01.01.2009 to 31.12.2012	Rs. 12,00,000
	Dr. Sarwat Sultana	Daidzein and Luteolin as molecular interceptors of prostate cancer in rats	DBT 01.03.2009 to 31.02.2013	Rs. 1,17,00000
	Dr. Suhel Parvez	Role of mitochondria neuroprotection	Jamia Hamdard – RPG 01.07.2011 to 30.06.2013	Rs.4,00,000
	Dr. Suhel Parvez	Mitochondrial permeability transition complex: Promising target for protection in neurodegenerative diseases	UGC-MRP 01.07.2012- 30.06.2015	Rs. 9,95,000
	Dr. Suhel Parvez	Modulatory role of nucleus accumbens and ventral tegmental area in behavioral tagging: A new model for studying learning and memory	DBT 21.08.2012- 20.11.2015	Rs. 20,11,000
	Dr. Suhel Parvez	Alexander von Humboldt Equipment Grant for Alumni	Humboldt Foundation 01.01.2012- 31.12.2013	Rs. 14,00,000 (20,000 euros)
	Dr. Suhel Parvez	Development of models for studying nanoparticles induced neurotoxicity	DST 01.06.2013- 31.05.2016	Rs. 17,00,000
	Dr. Suhel Parvez	UGC Research Award	UGC 02.01.2014 to 01.01.2016	RS. 34,90,473
	Dr. Haider A. Khan	A comparative study of new Unani formulation with Majoon Suranjan against experimental arthritis	CCRUM (AYUSH) 03.07.2008 to 30.06.2011	Rs. 25,00,000
	Dr. Haider A. Khan	Studies on anti-arthritic potential of Zingiber officinalis in animal model	UGC-MRP 01.02.2011 to 11.03.2014	Rs. 10,24,200
	Dr. Heena Tabassum	Development of models for deciphering cellular and molecular mechanisms of endocrine disruptors induced	DST 16.09.2013 to 15.09.2015	Rs. 13,64,000

		neurotoxicity		
	Dr. Heena Tabassum	Targeting mitochondria in ischemic stroke and traumatic brain injury	DBT 18.11.2014 to 17.11.2017	Rs. 44,20,000
18.	Inter-institutional collaborative projects and associated grants received:	(i) National collaboration (ii) International collaboration		
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	Funding agency UGC-SAP	Project title, if any Molecular mechanism of chemoprevention of cancer and preventive effects of natural products on toxicity of anti-cancer drugs	Grant received Rs. 70,00,000
20.	Research facility/centre with:	Cell Culture Facility		
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	None		
22.	Publications: (last 5 years):	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): 193 • Monographs: None • Chapters in Books: None • Edited Books : None • Books with ISBN with details of publishers: None • Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)□ • Citation Index – range / average : Tabulated below • SNIP : Tabulated below • SJR : Tabulated below • Impact Factor Range: 0.210-5.756 Average: 2.697 • <i>h</i>-index: Tabulated below <p>Publications</p> <p>[2015]</p> <p>14. Ali F, Khan R, Khan AQ, Sultana S. (2015). Trichloroethylene mediated cytotoxicity in Human Epidermal keratinocytes is mediated by rapid accumulation of intracellular calcium; Interception by Naringenin. <i>Human and Experimental Toxicology</i>, ISSN: 0960-3271 [IF: 1.747] (In press).</p>		

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17. Ashfaq M, Sharma P, Khatoon S, Haque D, Tabassum H, **Parvez S** (2015-16). Heavy Metal Induced Systemic Dysfunction Attenuated by Tannic Acid. *Journal of Environmental Pathology, Toxicology and Oncology*, ISSN: 2162-6537 **[IF: 1.154]** (In Press)
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24. Khan MB, Ahmad M, Ahmad S, Ishrat T, Vaibhav K, Khuwaja G, **Islam F** (2015). Bacopa monniera ameliorates cognitive impairment and neurodegeneration induced by intracerebroventricular-streptozotocin in rat: behavioral, biochemical, immunohistochemical and histopathological evidences. *Metabolic Brain Disease*, 30, 115-127 ISSN: 1573-7365 **[IF: 2.638]**.
25. Khan MH, **Parvez S** (2015). Hesperidin ameliorates heavy metal induced toxicity mediated by oxidative stress in brain of Wistar rats. *Journal of Trace Elements in Medicine and Biology*, 31, 53-60 ISSN: 0946-672X **[IF: 2.371]**
26. Khan S, Beigh S, Chaudhari BP, Sharma S, Aliul Hasan Abdi S, Ahmad S, Ahmad F, Parvez S, **Raisuddin S** (2015). Mitochondrial dysfunction induced by Bisphenol A is a factor of its hepatotoxicity in rats. *Environmental Toxicology*, ISSN: 1522-7278 **[IF: 3.197]** (In press).

27. Khowal S, Malik M, Mustufa A, Chaudhary NK, Naqvi SH, **Parvez S**, Jain SK, Wajid S. (2015). Assessment of the therapeutic potential of hesperidin and proteomic resolution of diabetes-mediated neuronal fluctuations expediting Alzheimer's disease. *RSC Advance*, 5, 46965-46980 ISSN: 2046-2069 [IF: 3.840]
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of kindling by modulating hippocampal levels of dopamine, glutamate, and GABA in mice. *Epilepsy and Behavior*, 42, 48-53 ISSN: 1525-5050 [IF: 2.257]

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3.357]

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52. Yadav V, Varshney P, **Sultana S**, Yadav J, Saini N (2015). Moxifloxacin and ciprofloxacin induces S-phase arrest and augments apoptotic effects of cisplatin in human pancreatic cancer cells via ERK activation. *BMC Cancer*, 15:581 ISSN: 1471-2407 [IF: 3.362]

[2014]

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Citation and h-index: (Scopus Data)

Name of the Faculty	Citations	h-index
Prof. S. Raisuddin	3682	32
Dr. Sarwat Sultana	2444	26
Dr. Suhel Parvez	2434	25
Dr. Haider A. Khan	280	10

Citation and h-index: (Google Scholar Data)

Name of the Faculty	Citations	h-index
Prof. S. Raisuddin	5091	40
Prof. Ehsan A. Khan	72	4
Dr. Sarwat Sultana	3520	32
Dr. Suhel Parvez	3162	28
Dr. Haider A. Khan	606	14

S. No.	Journal Name	Source Normalized Impact Factor (SNIP)	SCImago Journal Rank (SJR)	Impact Factor
1	Advances in Pharmacological Sciences	0.931	0.602	---
2	Alcohol	0.765	0.739	2.006
3	Archives of Medical Research	0.863	0.800	2.645
4	Asian Pacific Journal Cancer Prevention	-----	-----	2.514
5	Atmospheric Pollution Research	-----	-----	1.371
6	Bioanalysis	0.827	0.654	3.003
7	Biological Trace Element Research	0.810	0.461	1.748
8	Biomedical Research International	-----	-----	1.579
9	BMC Cancer	1.236	1.686	3.362
10	Brain Research	0.899	1.275	2.843
11	British Journal of Nutrition	1.199	1.491	3.453
12	Cardiovascular Toxicology	0.943	0.749	1.721

13	Cell Biochemistry and Function	0.765	0.814	2.005
14	Cell Cycle	-----	-----	4.564
15	Cellular Immunology	0.621	0.792	1.924
16	Chemical Research in Toxicology	-----	-----	3.529
17	Chemico-Biological Interactions	0.946	0.867	2.577
18	Clinical & Experimental Allergy	1.486	1.579	4.769
19	Colloids and Surfaces B: Biointerfaces	1.453	1.099	4.152
20	Disaster Medicine and Public Health Preparedness	-----	-----	1.142
21	DNA and Cell Biology	-----	-----	2.055
22	Drug and Chemical Toxicology	-----	-----	1.233
23	Drug Delivery	-----	-----	2.558
24	Ecological Indicators	1.833	1.267	3.444
25	Ecotoxicology and Environmental Safety	1.306	1.003	2.762
26	Environmental Toxicology	-----	-----	3.197
27	Environmental Toxicology and Pharmacology	0.904	0.628	2.084
28	Epilepsy Behavior	0.938	0.947	2.257
29	European Journal of Medicinal Chemistry	1.611	1.004	3.447
30	European Journal of Pharmacology	0.976	0.871	2.532
31	Evidence-Based Complementary and Alternative Medicine	-----	-----	1.880
32	Experimental and Molecular Pathology	0.711	0.868	2.706
33	Experimental Biology and Medicine (Maywood)	-----	-----	2.165
34	Experimental Lung Research	-----	-----	1.410
35	Expert Opinion Pharmacotherapy	-----	-----	3.534
36	Food and Chemical Toxicology	1.286	0.920	2.895
37	Food Chemistry	1.930	1.420	3.391
38	Forensic Toxicology	-----	-----	5.756
39	Free Radical Biology and Medicine	1.562	2.095	5.736
40	Genetic Testing and Molecular Biomarkers	0.544	0.489	1.464
41	Human and Experimental Toxicology	-----	-----	1.747
42	Indian Journal of Rheumatology	0.104	0.117	0.000
43	Integrative Cancer Therapies	-----	-----	2.361
44	Interdisciplinary Toxicology	0.670	0.471	1.412
45	International Journal of Developmental Neuroscience	0.862	1.147	2.580
46	International Journal of Drug Development and Research	-----	-----	0.210
47	International Journal of Pharmaceutics			3.560
48	International Journal of Rheumatic Diseases	0.982	0.752	1.469

49	Journal of Biochemistry and Molecular Toxicology	-----	-----	1.596
50	Journal of Biomedical and Nanotechnology	-----	-----	5.338
51	Journal of Bionanoscience	-----	-----	-----
52	Journal of Chromatography B	1.247	0.970	2.720
53	Journal of Complementary and Integrative Medicine	0.290	0.203	0.655
54	Journal of Environmental Pathology, Toxicology and Oncology	-----	-----	1.154
55	Journal of Ethnopharmacology	1.701	1.069	2.998
56	Journal of Molecular Neuroscience	0.920	1.275	2.343
57	Journal of Neurological Sciences	1.004	1.023	2.474
58	Journal of Nutritional Biochemistry	1.159	1.370	3.794
59	Journal of Pharmacology and Pharmacotherapeutics	-----	-----	2.264
60	Journal of Pharmacy Research	-----	-----	2.890
61	Journal of Trace Elements in Medicine and Biology	1.019	0.616	2.371
62	Life Science	0.902	0.921	2.702
63	Metabolic Brain Disease	-----	-----	2.638
64	Molecular and Cellular Biochemistry	-----	-----	2.393
65	Molecular Immunology	0.848	1.235	2.973
66	Mutagenesis	-----	-----	-----
67	Nanotechnology	-----	-----	5.340
68	Neurochemical Research	-----	-----	2.593
69	Neurochemistry International	0.903	1.162	3.092
70	Neurological Sciences	-----	-----	1.447
71	Neuroscience	0.943	1.499	3.357
72	Neurotoxicity Research	-----	-----	3.538
73	Neurotoxicology	1.042	1.107	3.379
74	Nutrition and Cancer	-----	-----	2.472
75	Nutrition Research	0.985	0.933	2.472
76	Pharmacological Reports	0.820	0.622	1.928
77	Pharmacology Biochemistry and Behavior	0.878	0.985	2.781
78	Phytomedicine	1.434	0.930	3.126
79	PLoS One	-----	-----	3.234
80	Prehospital and Disaster Medicine	-----	-----	-----
81	Protoplasma	-----	-----	2.651
82	Rheumatology International	-----	-----	1.516
83	RSC Advances	-----	-----	3.840
84	Scandinavian Journal of Immunology	0.704	-----	1.739
85	Scientific World Journal	-----	-----	-----
86	The Indian Practitioner Journal	-----	-----	-----
87	Toxicology	1.187	1.053	3.621
88	Toxicology and Applied Pharmacology	1.193	1.220	3.705
89	Toxicology in Vitro	1.057	0.819	2.903
90	Toxicology International	-----	-----	-----
91	Toxicology Letters	1.083	0.993	3.264

	92	Toxicology Mechanism and Methods	-----	-----	1.517						
	93	Trakia Journal of Sciences	-----	-----	-----						
	94	Tumour Biology	-----	-----	3.611						
	95	Urologic Oncology	0.848	0.868	2.768						
	96	Verlag der Zeitschrift fur Nuturforschung	-----	-----	-----						
23.	Details of patents and income generated:		Nil								
24.	Areas of consultancy and income generated:		Nil								
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:		Nil								
26.	Faculty serving in:										
	(xl) National committees: None										
	<table border="1"> <thead> <tr> <th></th> <th>Role</th> <th>National Committee</th> </tr> </thead> <tbody> <tr> <td>Dr. Suhel Parvez</td> <td>EC Member</td> <td>Society of Toxicology, India</td> </tr> </tbody> </table>						Role	National Committee	Dr. Suhel Parvez	EC Member	Society of Toxicology, India
	Role	National Committee									
Dr. Suhel Parvez	EC Member	Society of Toxicology, India									
	(xli) International committees: None										
	(xlii) Editorial Boards of journals										
	Prof. S. Raisuddin	Editor-in-Chief	Journal of Trace Element Analysis (Columbia Scientific Publishing, USA)								
		Editor	International Journal of Advanced Agricultural Research (BluePen Journals, UK)								
		Editorial Board Member	Phytotherapy Research (SCI journal published by Wiley)								
			Biomarkers (SCI journal published by Taylor & Francis)								
			Ecotoxicology (SCI journal published by Springer)								
			CLEAN- Soil, Air, Water (SCI journal published by Wiley- VCH)								
			Toxicology International (India)								
			Oriental Journal of Pharmacy & Experimental Medicine (South Korea)								
			African Journal of Agricultural Research (Nigeria)								
			Agricultural and Biological Research (India)								
	Journal of Translational Toxicology (American										

			Scientific Publishers)
			Biosensor, Biomarkers & Diagnostics (Symbiosis, USA).
	Dr. Suhel Parvez	Editorial Board Member	Biology and Medicine (OMICS Group Publisher) Journal of Natural Science Biology and Medicine (Medknow Publications and Media Pvt. Ltd) International Journal of Research in Phytochemistry and Pharmacology (JK Welfare & Pharmascope Foundation) Open Journal of Pharmacology (ROSS Science Publisher) Global Advanced Research Journal of Environmental Science and Toxicology (Global Advanced Research) International Scholarly Research Notices: Toxicology (Hindawi Publishing Corporation) Journal of Natural Medicines for Neurodegenerative Disorders (HATASO Enterprises)
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):		
	Name of faculty member	Title of programme	Institution where attended
	Prof. S. Raisuddin	National Workshop on “Emerging Trends in Quality Education: The Road Ahead”	Guru Jambheshwar University of Science and Technology, Hisar, Haryana
	Dr. Suhel Parvez	National Workshop on “Emerging Trends in Quality Education: The Road Ahead”	Guru Jambheshwar University of Science and Technology, Hisar, Haryana
		Workshop on Patenting Process	Jamia Hamdard
			Duration (dates)
			August 29-30, 2013
			August 29-30, 2013
			November 22, 2011
28.	Student projects:	<ul style="list-style-type: none"> percentage of students who have done in-house projects including inter-departmental projects 66% percentage of students who have done projects in other Universities/Institutions 34% 	
29.	Awards /recognitions received at the national and international level by:		
	Designation	Name of Award	Recipient
	Faculty	1. DST SERB Fast Track Young Scientist Grant- 2013	Dr. Suhel Parvez

		2. UGC Research Award 2012	Dr. Suhel Parvez
		3. Certificate of Recognition for Publication in High Impact Factor Journal	Dr. Suhel Parvez (2012, 2013, 2014)
	Postdoctoral Fellows	1. DBT Bio-CARe Research Award 2014	Dr. Heena Tabassum
		2. DST Cognitive Science Research Initiative Postdoctoral Fellowship 2013	Dr. Heena Tabassum
		3. UGC Women's Postdoctoral Fellowship 2011-12	Dr. Heena Tabassum
		4. Certificate of Recognition for Research Award	Dr. Heena Tabassum
		Certificate of Recognition for Publication in High Impact Factor Journal	1. Mr. Md. Waseem (2013), 2. Ms. Shaista Chaudhary (2012, 2014)
		ICMR Senior Research Fellowship	Ms. Shaista Chaudhary (2014)
		Hamdard National Fellowship	1. Md. Meraj Ansari (2011-12) 2. Ms. Shaista (2011-2012)
		International Travel Grant	1. Mr. Md. Waseem (2012-Japan), 2. Ms. Shaista Chaudhary (2012-Japan, 2015-Australia)
	Doctoral Students	Novartis BioCamp 2015 (Selected through All India Test)	1. Ms. Preeti Barnwal (Member of Winning Team) 2. Ms. Mehar Naseem
		UGC-BSR Fellowships	1. Mahwash Fatima 2. Jueh Akhter 3. Pooja Kaushik 4. Saima Khatoon 5. Mohd. Salman 6. Syed Suhail Ahmad Andrabi 7. Jasim Khan 8. Shekh Md. Afzal 9. Abul Vafa 10. Mohd. Amir Afjal 11. Nouroz Sehar 12. Shruti Vishnoi 13. Shikha Sharma 14. Syed Ali Hasan Abidi 15. Shahzad Ahmad 16. Mohd. Waseem 17. Md. Meraj Ansari 18. Shaista chadury 19. Aajaz Ahmad 20. Abdul Qayoom 21. Nemat Ali 22. Summya Rashid

			23.Mir Tahir Maqbool 24.Saba 25.Rizwana Tabassum			
PG Students	Best Poster (STOX-2012, Jaipur)	Ms. Sadaf Dabeer				
	UGC Indira Gandhi PG Single Girl Child Scholarship	1. Ms. Gayatri Bagree (2014) 2. Ms. Shafa Khan (2012)				
	IAS-SRF (Indian Academy of Sciences- Summer Research Fellowship)	1. Ms. Deepu Sharma (2015) 2. Ms. Akansha Batra (2014) 3. Mr. Siddharth Guasain (2014) 4. Ms. Samia Hassan (2014) 5. Ms. Tajnoor Fatima (2014) 6. Ms. Sapna Jain (2013) 7. Ms. Enam Reyaz (2013)				
	CCMB-Summer Research Fellowship	Ms. Ankita Rathore				
	Novartis BioCamp 2015 (Selected through All India Test)	1. Ms. Ayushi Malik 2. Ms. Riya Madan 3. Ms. Ritu				
30.	Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:					
Serial No.	Title Seminars/ Conferences/ Workshops	Dates	No. of Participants	Outstanding participants (keynote, speakers, eminent scientist/academicians)		
Conferences						
	None					
Workshops						
	None					
31.	Code of ethics for research followed by the departments:	Two committees (xv) Institutional Animal Ethics Committee (xvi) Ethics Committee				
32.	Student profile programme-wise:					
	Name of the Programme	Year	Application Received	Total No. of Student	Pass Percentage (%)	
	M.Sc.	2009-2011	---	10	11	100%
		2010-2012	----	10	12	100%
		2011-2013	359	09	15	100%
		2012-2014	174	09	17	100%
		2013-2015	229	04	16	95%
	Total			42	71	99%

2	Ph.D.	2011	---	3	100%
		2012	--	4	
		2013	----	12	
		2014	---	13	
		2015	----	6	
	Total				
33.	Diversity of students:				
	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries
	M.Sc.	2009-2011	38.09	52.38	9.52
		2010-2012	31.81	54.54	13.63
		2011-2013	8.33	83.33	8.33
		2012-2014	39.27	53.57	7.14
		2013-2015	65	35	0
	Name of the Programme	Year	% of students from the same university	% of students from other universities (MoU)	% of student from other countries
	Ph.D.	2011-2015	75	22.5	2.5
34.	<p>How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:</p>		<p>CSIR NET-JRF (Life Sciences): 8. Shafa Khan (twice: 2013, 2014)</p> <p>CSIR NET-LS (Life Sciences): 1. Deepika Chouhan (2011) 2. Kriti Verma (2011) 3. Sadaf Dabeer (2012) 4. Shafa Khan (Twice 2012, 2013)</p> <p>UGC NET-JRF (Forensic Sciences): 1. Vani Bajaj (2013) 2. Gayatri Bagree (2014) 3. Namrata Kaushal (2013) 4. Neha Tawar (2013) 5. Sapna Jain (2013) 6. Md. Meraj Ansari (2013)</p> <p>UGC NET-LS (Forensic Sciences): 1. Md. Naushad (2014) 2. Nouroz Sehar (2012) 3. Shruti Vishnoi (2012) 4. Dr. Heena Tabssum (2012) 5. Shekh Md. Afzal (2013, Thrice) 6. Juheb Akhter (2013, Thrice) 7. Pooja kaushik (2013) 8. Rishi Sharma (2013, Twice) 9. Meher Naseem (2013, Twice)</p>		

		<p>10. Syed Suhail Andrabi (2013) 11. Mohd. Tayyab (2013, Twice) 12. Nazma khan (2013) 13. Manzar Alam (2013, Twice) 14. Jasim khan (2013, Twice) 15. Mohd. Amir Afjal (2013) 16. Mohd. Salman (2014, Twice) 17. Ishrat shah (2013) 18. Mahwash Fatima (2013) 19. Pooja Sharma (2014) 20. Neha Tawar (2012) 21. Sapna (2013) 22. Nemat Ali (2014) 23. Sumaiya Rashid (2015) 24. Saima Khatoon (2014, Thrice) 25. Sonal Jain (2013) 26. Roohi Perveen (2013) 27. Komal Gola (2014) 28. Pooja Patwal (2014) 29. Anoushka Khananna (2014) 30. Manisha Pahwa (2014)</p> <p>UGC NET-LS (Environmental Sciences): 01 1. Md. Meraj Ansari (2013)</p> <p>GATE: 1. Enam Reyaz (2014)</p>															
35.	Student progression:	<table border="1"> <thead> <tr> <th>Student Progression</th> <th>Percentage against enrolled</th> </tr> </thead> <tbody> <tr> <td>PG to M.Phil.</td> <td>6%</td> </tr> <tr> <td>PG to Ph.D.</td> <td>33%</td> </tr> <tr> <td>Ph.D. to Postdoctoral</td> <td>66%</td> </tr> <tr> <td>Employed</td> <td rowspan="2">None 40%</td> </tr> <tr> <td> <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment </td> </tr> </tbody> </table>	Student Progression	Percentage against enrolled	PG to M.Phil.	6%	PG to Ph.D.	33%	Ph.D. to Postdoctoral	66%	Employed	None 40%	<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 				
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36.	Diversity of staff:	<table border="1"> <thead> <tr> <th>Percentage of faculty who are graduates</th> <th>M.Sc.</th> <th>Ph.D.</th> </tr> </thead> <tbody> <tr> <td>Of the same University</td> <td>20%</td> <td>40%</td> </tr> <tr> <td>From other universities within the state</td> <td>None</td> <td>None</td> </tr> <tr> <td>From universities other States</td> <td>80%</td> <td>60%</td> </tr> <tr> <td>From universities outside the country</td> <td>None</td> <td>None</td> </tr> </tbody> </table>	Percentage of faculty who are graduates	M.Sc.	Ph.D.	Of the same University	20%	40%	From other universities within the state	None	None	From universities other States	80%	60%	From universities outside the country	None	None
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37.	Number of faculty who	None															

	were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:																																																									
38.	Present details of departmental infrastructural facilities with regard to	<p>zz) Library : No Departmental Library. The central library has all the necessary resources and facilities and it is located within the campus.</p> <p>aaa) Internet facilities for staff and students Jamia Hamdard has facilitated in providing internet access through 1 GB fiber Optic cables as well as Wifi throughout the campus. All the classrooms, M.Sc. labs, research labs, offices, hostels and the entire campus has internet connectivity which has strengthened the academic and research activities of the Department.</p> <p>bbb) Total number of class rooms : 02 ccc) Class rooms with ICT facility : 02 ddd) Students' laboratories : 01 eee) Research laboratories : 08</p>																																																								
39.	List of doctoral, post-doctoral students and Research Associates:	<p>(xiii) from the host institution/university</p> <table border="1"> <thead> <tr> <th>Ph.D. Scholars</th> <th>Supervisor</th> </tr> </thead> <tbody> <tr><td>Abul Wafa</td><td>Dr. Sarwat Sultana</td></tr> <tr><td>Ankit Tanwar</td><td>Dr. Haider Ali Khan</td></tr> <tr><td>Ayaz Shahid</td><td>Dr. Sarwat Sultana</td></tr> <tr><td>Ferial Majeed</td><td>Dr. Sarwat Sultana</td></tr> <tr><td>Haroon Habib</td><td>Prof. S. Raisuddin</td></tr> <tr><td>Jasim Khan</td><td>Prof. S. Raisuddin</td></tr> <tr><td>Juheb Akhter</td><td>Prof. S. Raisuddin</td></tr> <tr><td>Mahwash Fatima</td><td>Prof. S. Raisuddin</td></tr> <tr><td>Mehar Naseem</td><td>Dr. Suhel Parvez</td></tr> <tr><td>Mohd. Amir Afjal</td><td>Prof. S. Raisuddin</td></tr> <tr><td>Mohd. Meraj Ansari</td><td>Dr. Haider Ali Khan</td></tr> <tr><td>Mohd. Salman</td><td>Dr. Heena Tabassum</td></tr> <tr><td>Mohd. Waseem</td><td>Dr. Suhel Parvez</td></tr> <tr><td>Mohd. Zeeshan Rasheed</td><td>Dr. Suhel Parvez</td></tr> <tr><td>Nandini Nalika</td><td>Dr. Suhel Parvez</td></tr> <tr><td>Neha Kanojia</td><td>Dr. Haider Ali Khan</td></tr> <tr><td>Nemat Ali</td><td>Dr. Sarwat Sultana</td></tr> <tr><td>Nouroz Sehar</td><td>Dr. Nidhi</td></tr> <tr><td>Pooja Kaushik</td><td>Dr. Waseem A. Siddiqui</td></tr> <tr><td>Preeti Barnwal</td><td>Dr. Sarwat Sultana</td></tr> <tr><td>Saima Khatoon</td><td>Dr. Nidhi</td></tr> <tr><td>Shahzad Ahmad</td><td>Prof. S. Raisuddin</td></tr> <tr><td>Shaista Chaudhary</td><td>Dr. Suhel Parvez</td></tr> <tr><td>Sheikh Mohd. Afzal</td><td>Dr. Sarwat Sultana</td></tr> <tr><td>Shikha Sharma</td><td>Prof. S. Raisuddin</td></tr> <tr><td>Shruti Vishnoi</td><td>Dr. Suhel Parvez</td></tr> <tr><td>Sumaiya Rashid</td><td>Dr. Sarwat Sultana</td></tr> </tbody> </table>	Ph.D. Scholars	Supervisor	Abul Wafa	Dr. Sarwat Sultana	Ankit Tanwar	Dr. Haider Ali Khan	Ayaz Shahid	Dr. Sarwat Sultana	Ferial Majeed	Dr. Sarwat Sultana	Haroon Habib	Prof. S. Raisuddin	Jasim Khan	Prof. S. Raisuddin	Juheb Akhter	Prof. S. Raisuddin	Mahwash Fatima	Prof. S. Raisuddin	Mehar Naseem	Dr. Suhel Parvez	Mohd. Amir Afjal	Prof. S. Raisuddin	Mohd. Meraj Ansari	Dr. Haider Ali Khan	Mohd. Salman	Dr. Heena Tabassum	Mohd. Waseem	Dr. Suhel Parvez	Mohd. Zeeshan Rasheed	Dr. Suhel Parvez	Nandini Nalika	Dr. Suhel Parvez	Neha Kanojia	Dr. Haider Ali Khan	Nemat Ali	Dr. Sarwat Sultana	Nouroz Sehar	Dr. Nidhi	Pooja Kaushik	Dr. Waseem A. Siddiqui	Preeti Barnwal	Dr. Sarwat Sultana	Saima Khatoon	Dr. Nidhi	Shahzad Ahmad	Prof. S. Raisuddin	Shaista Chaudhary	Dr. Suhel Parvez	Sheikh Mohd. Afzal	Dr. Sarwat Sultana	Shikha Sharma	Prof. S. Raisuddin	Shruti Vishnoi	Dr. Suhel Parvez	Sumaiya Rashid	Dr. Sarwat Sultana
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		Syed Kazim Hasan	Dr. Sarwat Sultana
		Syed Suhail Ahmad Andrabi	Dr. Suhel Parvez
		MoU Scholars	Supervisor/Co-supervisor
		Ashaque Husain	Dr. Suhel Parvez
		Azfar Jamal	Dr. Sarwat Sultana
		Madhusudhan Chaturvedi	Dr. Sarwat Sultana
		Mrinalini Tiwari	Dr. Suhel Parvez
		Priya Gusain	Dr. Suhel Parvez
		Shashi N Kumar	Dr. Sarwat Sultana
		Shatrunjay Shukla	Dr. S. Raisuddin
		Upasana Sahu	Dr. Suhel Parvez
		Postdoctoral Fellows	Supervisor
		Dr. Md. Ashafaq	Dr. Suhel Parvez
		Dr. Rashid Ali	Dr. Sarwat Sultana
		Dr. Syed Jafar Mehdi	Dr. Sarwat Sultana
40.	Number of post graduate students getting financial assistance from the university:	20 (04 per year)	
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	NA	
42.	Does the department obtain feedback from:	<p>p) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes, the feedback is used in the assessment of deficiencies and incorporate measures to rectify them. The objective is to improve teaching practices and to enhance the learning abilities.</p> <p>q) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes, the feedback from students help us in formulating modifications and revisions of the curriculum for the PG program of our Department. The teaching methods are also revisited.</p> <p>r) Alumni and employers on the programmes offered and how does the department utilize the feedback? Yes, the feedback from employers have been instrumental in initiating the regulatory toxicology courses which have been creating most of the jobs for students passing out from our Department.</p>	
43.	List the distinguished alumni of the department	Distinguished Alumni 1. Dr. Salahuddin Ahmed (Associate Professor, Washington State	

	(maximum 10):	<p>University, USA)</p> <p>2. Dr. Saleem Bhat (Assistant Professor, Hormel Institute, University of Minnesota, USA)</p> <p>3. Dr. Iqbal Sayeed (Assistant Professor, Emory University, USA)</p> <p>4. Dr. Syed Zohair Imam (Alternate Preceptor, FDA/National Center for Toxicological Research, Jefferson, Arkansas, USA)</p> <p>5. Dr. Rizwan ul Haq (Associate Professor and Head Department of Biotechnology, CUB, India)</p> <p>6. Dr. Zahoor Shah (Associate Professor, University of Toledo USA)</p> <p>7. Dr. Shaida Andrabi (Assistant Professor , Johns Hopkins University, USA)</p> <p>8. Dr. Muzamil Ahmad (Scientist E, IIM Srinagar India)</p> <p>9. Dr. Aamir Nazir (Scientist C, CDRI, Lucknow, India)</p> <p>10. Dr. Raman Chawala (Scientist D, INMAS (DRDO), New Delhi</p>
44.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	<p>Performance monitoring of national level exams like CSIR - UGC - NET, GATE, ICMR - JRF and others.</p> <p>Compulsory Regular Internal Assessment tests</p> <p>NET coaching and career planning counselling</p> <p>Research seminars and paper presentations</p>
45.	List the teaching methods adopted by the faculty for different programmes.:	<p>Board/Chalk</p> <p>Over head Projection</p> <p>LCD Projection</p> <p>Seminar Presentation</p> <p>Practicals</p> <p>Guest Lectures</p> <p>Scientific and Educational Tours</p> <p>Visit to Exhibitions and Book Fairs</p>
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	<p>Organization of extension lectures from time to time and renowned scientists are invited to deliver lectures</p> <p>Students are encouraged to undertake advanced research training</p>
47.	Highlight the participation of students and faculty in extension activities:	<p>Seminars</p> <p>Summer Training</p> <p>Dissertation</p>
48.	Give details of “beyond syllabus scholarly activities” of the department:	<p>The department encourages students to participate in summer research fellowship programs, extension activities of industries like NOVARTIS, apply for scholarships and fellowships at extra mural funding agencies.</p>
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give	<p>NAAC has accredited our University in two cycles</p> <p>UGC has approved two SAP programs of our Department</p>

	details:	DST has also granted FIST program to our Department
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied:	The Department of Medical Elementology and Toxicology is the pioneer of imparting Toxicology education in our country. The PG and PhD program in Toxicology offered by our Department is one of a kind. The pre-clinical studies, concept of toxicology in translational research, development of <i>in vitro</i> and <i>in vivo</i> models, deciphering of cellular and molecular mechanisms associated with toxicology are some of the insights our department has generated over the years.
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:	<p>Strengths The postgraduate and doctoral program in Toxicology is unique and a benchmark for Toxicology education in our country.</p> <p>Teaching and Research programmes capture entire spread of the discipline of toxicology.</p> <p>Faculty with strong experience abroad in post doctoral research and training</p> <p>Emphasis on innovative research and publication in high impact international journals</p> <p>Opportunities for collaborative research</p> <p>Weaknesses The department needs an advanced instrumentation facility with high end equipments/facilities</p> <p>Alternative models in toxicological research is missing</p> <p>Campus Placement</p> <p>Opportunities Interdisciplinary teaching and research</p> <p>Induction of Master students from varied discipline of life and allied sciences</p> <p>Challenges To churn out NET qualified studnets in every batch</p> <p>Attract NET JRF students for PhD program</p> <p>Get funding from extra mural agencies constantly</p> <p>Publish in very high impact journals</p> <p>Work towards applying for patents and commercialize them</p>
52.	Future plans of the department:	<p>Further development of interdisciplinary collaborations</p> <p>Development of alternative models for research in toxicology</p>

		<p>Establishment of platforms for high throughput screening</p> <p>Establishment of departmental Research Instrumentation Facility</p> <p>Focused subject programme for industrial needs</p> <p>Creating facilities to undertake consultancy projects which will create financial support and opportunities for our students.</p>
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EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	CENTRE FOR TRANSLATIONAL AND CLINICAL RESEARCH			
2.	Year of establishment:	2009			
3.	Is the Department part of a School/Faculty of the university?	Yes, Faculty of Science			
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	i. PG: M.Sc. (Clinical Research)			
5.	Interdisciplinary programmes and departments involved:	NA			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA			
7.	Details of programmes discontinued, if any, with reasons:	NA			
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Semester/Choice Based Credit System			
9.	Participation of the department in the courses offered by other departments:	i. Faculty members of the department are undertaking theory classes of Ph.D. Pharmaceutical Medicine and Master in Pharmacy, Pharmacy Practice conducted by Faculty of Pharmacy ii. Faculty members also participate in Ph.D. coursework conducted in F/o Science iii. Choice Based Credit System (Other Departments and Faculties of Jamia Hamdard)			
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)
		Professor	01	-----	-----
		Associate Professors	01	-----	-----
		Assistant Professors	02	01	01
		Others		01	01
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:				
	Name	Qualification	Designation	Specialization	No. of Years of Experience

						the last 5 years
	Nidhi	M.Pharm, Ph.D	Assistant Professor	pharmacology, neuro-pharmacology, clinical pharmacology, clinical Research	08	07 (Ongoing)
	Wasifa Muzaffar	BPT, M.Sc. Clinical Research	Lecturer	Clinical Research	05	NIL
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	Name	Designation	Affiliation		
		Dr. N.K. Arora	Adjunct Professors	Executive Director, INCLIN Trust International, New Delhi		
		Dr. Manoj Das	Adjunct Professors	Executive Director, INCLIN Trust International, New Delhi		
		Dr. Amit Marwah	Adjunct Professors	Associate Director, Medical Affairs and Clinical Research, Sun Pharmaceutical Industries Ltd.		
		Dr. Rajender Jalali	Adjunct Professors	Vice President & Head, Medical Affairs and Clinical Research & Global Head, Sun Pharmaceutical Industries Ltd.		
		Dr. P.P. Sharma	Visiting Professor	National Institute of TB and Respiratory Diseases, New Delhi		
		Dr. Manoj Sharma	Visiting Fellows	Group Head (Manager), Pharmacovigilance, Panacea Biotech. New Delhi		
13.	Percentage of classes taken by temporary faculty – programme-wise information:	NA				
14.	Programme-wise Student Teacher Ratio	M.Sc. Clinical Research			12.5:1	
15.	Number of academic support staff (technical)	Designation	Sanctioned	Filled/actual		
		Technical Assistant	1	1		

	and administrative staff: sanctioned, filled and actual:	Office Assistant	1	1
		Lab Attendant	1	1
16.	Research thrust areas as recognized by major funding agencies:	<ol style="list-style-type: none"> 1. Neuropharmacology with special reference to epilepsy and its mechanisms 2. Indigenous Pharmacology- exploration of newer active constituent for the treatment of neurological disorders 3. Clinical Research- Observational studies in cancer and diabetes patients 		
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:			
	Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure	Grant received
	Dr. Nidhi	Research Promotion Grant	Jamia Hamdard (2012-2014)	4,00,000/- (completed)
18.	Inter-institutional collaborative projects and associated grants received:	(i) National collaboration: NIL (ii) International collaboration: NIL		
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	Funding agency	Project title, if any	Grant received
		NIL	-----	-----
20.	Research facility/centre with:	A Preclinical and Clinical Pharmacology laboratory equipped with data acquisition system.		
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	None		
22.	Publications: (last 5 years):			
	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): 12 National: 03 International: 09 <p>Journal publication <u>2011</u> Agarwal NB, Agarwal N, Mediratta PK, Sharma KK (2011). Effect of lamotrigine, oxcarbazepine and topiramate on cognition and oxidative stress in kindled mice. Seizure: European Journal of Epilepsy; 20:257-62. ISSN [Impact Factor: 2.02]</p>			

Agarwal NB, Jain S, Agarwal NK, Mediratta PK, Sharma KK (2011). Modulation of pentylenetetrazole induced kindling and oxidative stress by curcumin in mice. *Phytomedicine*; 18:756-9. ISSN 0844-7113 - [Impact Factor: 3.126]

2012

Jain S, **Agarwal NB**, Mediratta PK, Sharma KK. Evaluation of anticonvulsant and nootropic effect of ondansetron in mice (2012). *Hum Exp Toxicol*; 31:905-12. ISSN: 0960-3271 [Impact Factor: 1.71]

2013

Agarwal NB, Jain S, Nagpal D, Agarwal NK, Mediratta PK, Sharma KK (2013). Liposomal formulation of curcumin attenuates seizures in different experimental models of epilepsy in mice. *Fundam Clin Pharmacol*; 27:169-72. ISSN 1472-8206 [Impact Factor: 2.121]

2014

Narang I, Bharota IK, Raisuddin S, Jain GK, **Agarwal NB** (2014). A newer dimension to regulation of ethics committees in India. *Clin Res Reg Affairs*; 31: 1-5. ISSN 1060-1333

Sehar N, **Agarwal NB**, Vohora D, Raisuddin S. Atorvastatin prevents development of kindling by modulating hippocampal levels of dopamine, glutamate, and GABA in mice (2015). *Epilepsy Behav.*; 42:48-53. ISSN 1525-5050 [Impact Factor: 2.257]

Siddiqui S, Jha S, Waghdhare S, **Agarwal NB**, Singh K (2014). Prevalence of depression in patients with type 2 diabetes attending an outpatient clinic in India. *Postgrad Med J*; 90:552-6. ISSN 0032-5473 [Impact Factor: 1.448]

2015

1. Parveen R, Mali G, Kaushal N, Raisuddin S, **Agarwal NB** (2015). Efficacy and safety of canagliflozin in type 2 diabetes mellitus: systematic review of randomized controlled trials. *Expert opinion on Pharmacotherapy*. [In Press] ISSN 1465-6566 [Impact Factor: 3.534]
2. Khan MA, Bhurani D, **Agarwal NB** (2015). Alteration of Thyroid Function in Indian HER 2-Negative Breast Cancer Patients Undergoing Chemotherapy. *Asian Pacific J Cancer Prevention* 16(17):7701-5. [In Press] ISSN: 1513-7368 [Impact Factor: 2.5]
3. Sawhney SK, **Agarwal NB**, Kumar Y, Shrivastava B, Sharma P (2015). Anticonvulsant and antioxidant actions of some Dibenzo-?-Pyrone derivatives in pentylene -induced kindling model in mice. *Drug Invention Today.*, 7(1): 9-14. ISSN: 09757619
4. Nagpal D, Pandey DK; **Aggarwal N** (2015). Development and Characterization of Liposomal Drug Delivery System for Gossypin. *International Journal of Pharmaceutical Sciences Review & Research*.2014; 27: 11
5. Sawhney SK, **Agarwal NB**, Kumar Y, Shrivastava B, Sharma P(2015). Evaluation

	<p>of anticonvulsant effect of dibenzo-<i>p</i>-pyrone derivatives in mice. The Pharma Research An International Journal of Pharmacy Research; 13:42-48</p> <ul style="list-style-type: none"> • Monographs: None • Chapters in Books: 02 <ol style="list-style-type: none"> 1. Sehgal R, Agarwal NB (2014). Rational drug use and essential medicines. Hospital, Clinical and Community Pharmacy. Mohammed Aqil. Elsevier, New Delhi. Pages 308-318. ISBN-978-8131228319 2. Sehgal R, Agarwal NB, Duvedi M. Pharmacoepidemiology. Hospital, Clinical and Community Pharmacy. Mohammed Aqil. Elsevier, New Delhi. Pages 308-318. . ISBN-978-8131228319 • Edited Books : None • Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers): NIL 			
Citation And H-index: (Google Scholar data)				
Name of the Faculty		Citations		h-index
Dr. Nidhi		111		5
JOURNAL	IMPACT FACTOR	ISSN	SNIP	SJR
Asian Pacific Journal of Cancer Prevention	2.514	15137368	-----	0.64
Clinical Research and Regulatory Affairs	-	1060-1333	-----	0.16
Epilepsy & Behavior	2.257	1525-5050	0.938	0.95
Expert Opinion on Pharmacotherapy	3.534	1465-6566 (Print), 1744-7666 (Online)	-----	0.66
Fundamental & Clinical Pharmacology	2.121	1472-8206	-----	0.62
Human and Experimental Toxicology	1.747	0960-3271	-----	0.54
Phytomedicine	3.126	0844-7113	1.434	0.93
Post Graduate Medical Journal	1.448	0032-5473	-----	0.46
Seizure	1.822	1059-1311	0.897	0.72
23	Details of patents and income generated:	None		
24	Areas of consultancy and income generated:	NA		
25	Faculty selected nationally/internationally to visit other	None		

	laboratories/institutions / industries in India and abroad:																																											
26.	<p>Faculty serving in:</p> <p>(xliii) National committees: None (xliv) International committees: None (xlv) Editorial Boards of journals Nidhi: Member of Advisory Editorial Board, Journal of Drug Delivery and Therapeutics (xlvi) Any other (please specify) Nidhi: Scientific Member, Good Society for Clinical Research</p>																																											
27.	<p>Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):</p> <table border="1"> <thead> <tr> <th>Name of faculty member</th> <th>Title of programme</th> <th>Institution where attended</th> <th>Duration (dates)</th> </tr> </thead> <tbody> <tr> <td>Dr. Nidhi</td> <td>Orientation Programme</td> <td>Academic Staff College, Jamia Milia Islamia</td> <td>October 10 to November 9, 2012</td> </tr> <tr> <td>Dr. Nidhi</td> <td>Refresher Course</td> <td>CPDHE, University of Delhi</td> <td>October 13 to November 4, 2015</td> </tr> </tbody> </table>		Name of faculty member	Title of programme	Institution where attended	Duration (dates)	Dr. Nidhi	Orientation Programme	Academic Staff College, Jamia Milia Islamia	October 10 to November 9, 2012	Dr. Nidhi	Refresher Course	CPDHE, University of Delhi	October 13 to November 4, 2015																														
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28	Student projects:	<table border="1"> <thead> <tr> <th>Batch</th> <th>% of students done in-house projects including inter-departmental projects</th> <th>% of students done projects in collaboration with other institute/industry</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>2009-2011</td> <td>0%</td> <td>100%</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2010-2012</td> <td>0%</td> <td>100%</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2011-2013</td> <td>28.86%</td> <td>71.14%</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2012-2014</td> <td>7.15%</td> <td>92.85</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2013-2015</td> <td>0%</td> <td>100%</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Batch	% of students done in-house projects including inter-departmental projects	% of students done projects in collaboration with other institute/industry				2009-2011	0%	100%				2010-2012	0%	100%				2011-2013	28.86%	71.14%				2012-2014	7.15%	92.85				2013-2015	0%	100%									
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29.	Awards /recognitions received at the national and international level by:	<p>Faculty Dr. Nidhi: Young Investigator Award (Oral presentation), for the research work presented at International Society of Pharmacoeconomics and Outcomes Research-2014, New Delhi Student: Ms. Sneha Arya Young Investigator Award for the work presented at International Society of Pharmacoeconomics and Outcomes Research -2013, New Delhi</p>																																										
30	<p>Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:</p> <table border="1"> <thead> <tr> <th>Serial No.</th> <th>Title Seminars/ Conferences/ Workshops</th> <th>Dates</th> <th>No. of Participants</th> <th>Outstanding participants (keynote, speakers, eminent scientist/academicians)</th> </tr> </thead> <tbody> </tbody> </table>		Serial No.	Title Seminars/ Conferences/ Workshops	Dates	No. of Participants	Outstanding participants (keynote, speakers, eminent scientist/academicians)																																					
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Conferences						
1.	Conference on Challenges in Design and Conduct of Clinical Trials on Medical Devices	August 22, 2015	-----	Dr. Ashish Indani		
Workshops						
1.	Workshop on GCP and Clinical Trial Methodology	25 th February 2012	-----	Mr. Sanjay Gupta		
2.	Workshop on Recent Challenges in the Regulatory Scenario of India	April 10, 2013		Mr. A. K. Pradhan Dr. Jamal Baig Dr. Manoj Sharma		
3	Symposium on “Contemporary Regulatory Scenario in Pharmacovigilance” (PV2014)	5 th March 2014	140	Dr. G.N. Singh		
4.	Workshop on “Effective Soft Skills for Clinical Research”	April 9 th , 2015	40	Mr. Sumit Chaudhuri Dr. Ashraf Ganai		
31.	Code of ethics for research followed by the departments:	Institutional Animal Ethics Committee, Jamia Hamdard- Institutional Review Board, Ethics Committee				
32.	Student profile programme-wise:					
	the p	Year	Application Received	Total No. of Student		Pass Percentage (%)
				Male	Female	
	ical	2011-2012	122	11	8	100%
		2012-2013	148	6	8	100%
		2013-2014	159	1	6	100%
		2014-2015	68	4	7	100%
		2015-2016	65	3	11	
	Total			20	28	99%
33.	Diversity of students:					
	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries	
	M.Sc. Clinical Research	2011	0	94.45	NIL	
		2012	13.33	80	NIL	
		2013	66.66	16.66	NIL	

		2014	54.54	45.45	NIL
		2015	42.85	42.85	NIL
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	NIL			
35.	Student progression:	Student progression	Percentage against enrolled		
		UG to PG	NIL		
		PG to M.Phil.	NIL		
		PG to Ph.D. (includes outside university as well)	2011	4%	
			2012	10.5%	
			2013	7.1%	
			2014	7.1%	
			2015	NIL	
Ph.D. to Post-Doctoral	NIL				
Employed • Campus selection • Other than campus recruitment	campus recruitment:40% Other than campus recruitment:55%				
Entrepreneurs	5%				
36.	Diversity of staff:	Percentage of faculty who are graduates			
		of the same university	50%		
		from other universities within the State	50%		
		from universities from other States	50%		
		from universities outside the country	N.A.		
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	NIL			
38.	Present details of departmental infrastructural facilities with regard to	(i) Library - Central Library Facility (ii) Internet facilities for staff and students - Yes (iii) Total number of class rooms -01 (iv) Class rooms with ICT facility -01 (v) Students' laboratories -01 (vi) Research laboratories -01			
39.	List of doctoral, post-doctoral students and Research Associates:	(xiv) from the host institution/university			
		Ph.D. Students	Name of the student	Registered from Faculty	Supervisor
		1.	Mohd. Ashif Khan	Pharmacy	Dr. Nidhi
		2.	Md. Ubedul Hoda	Pharmacy	Dr. Nidhi
		3.	Nouroz Sehar	Science	Dr. Nidhi

		4.	Aliya Mufti	Pharmacy	Dr. Nidhi	
		5.	Rizwana Parveen	Pharmacy	Dr. Nidhi	
		6.	Kanchan Tyagi	Pharmacy	Dr. Nidhi	
		7.	Saima Khatoon	Science	Dr. Nidhi	
		(ii) from other institutions/universities: None.				
40.	Number of post graduate students getting financial assistance from the university.:	NA				
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	As per industry requirement a new course Ph.D. in Clinical and Translational Sciences. Demands from industry is been analyzed by holding constant meeting with people from Industry. Their constant inputs were taken in introducing this course.				
42.	Does the department obtain feedback from:	<p>(i) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes Inputs and suggestions from faculty of both academia and Industry were taken and imbibed in the syllabus which has enriched both theoretical as well as practical aspects of the syllabus.</p> <p>(ii) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes Time to time students' feedback is utilized to improve contents of syllabus and their training.</p> <p>(iii) Alumni and employers on the programmes offered and how does the department utilize the feedback? Yes The department holds regular meetings with various employers to inculcate their inputs on the course offered by the department which helped students to get better employment.</p>				
43	List the distinguished alumni of the department (maximum 10):	S. No.	Name	Course	Batch	Present position and affiliation
		1.	Bhardwaj Bordoloi	M.Sc.	2011	Scientific Writer, Kinapse
		2.	Ashfaque Ahmad	M.Sc.	2011	Scientific Writer, Novartis
		3.	Usman Khan	M.Sc.	2011	Clinical Research Associate

		4.	Priyanka Bansal	M.Sc.	2012	Research Officer, Max-Neeman
		5.	Karma Lhamao	M.Sc.	2012	Clinical Research Associate
		6.	Ila Narang	M.Sc.	2013	PV Associate, APCER
		7.	Kritika Mishra	M.Sc.	2014	Research Assistant, Max Healthcare Institute Ltd.
		8.	Haroon Rashid	M.Sc.	2014	AIIMS
		9.	Pooja Bhatt	M.Sc.	2015	Process Associate Quintiles
		10.	Sakshi Mittal	M.Sc.	2015	Project Assistant, PPD
44	Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.:	<ul style="list-style-type: none"> • Workshop on GCP and Clinical Trial Methodology • Workshop on Recent Challenges in the Regulatory Scenario of India • Symposium on “Contemporary Regulatory Scenario in Pharmacovigilance” (PV2014) • Workshop on “Effective Soft Skills for Clinical Research” • Conference on Challenges in Design and Conduct of Clinical Trials on Medical Devices 				
45	List the teaching methods adopted by the faculty for different programmes.:	<ul style="list-style-type: none"> • LCD • Board Chalk • Journal Club • Seminar presentation • Training in Industry and Hospital 				
46	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	<ul style="list-style-type: none"> • Examination: Sessionals and semester • Quiz • Presentation • Mock written exercises and interviews <p>The objectives of program and learning outcomes are further ensured through placements of students and their job profiles at various CRO’s, Pharmaceutical companies and Hospitals.</p>				
47	Highlight the participation of students and faculty in extension activities.	<p>Students</p> <ul style="list-style-type: none"> • Actively participated in sports and extracurricular activities • Swacch Bharat Abhiyaan <p>Faculty</p> <ul style="list-style-type: none"> • Actively engaged in various administrative assignments e.g. Course Promotion Committee, Board of Studies, Examination etc. 				

<p>48</p>	<p>Give details of “beyond syllabus scholarly activities” of the department.</p>	<ul style="list-style-type: none"> • Guest lectures by reputed Faculty from Industry and Govt. Bodies • Seminars, Group discussions • Mock-interviews
<p>49</p>	<p>State whether the programme/department is accredited/ graded by other agencies? If yes, give details.:</p>	<p>NA</p>
<p>50</p>	<p>Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:</p>	<p>Centre for Translational and Clinical Research is a budding department which has shown potential in generating professionals who are readily picked by reputed Companies and Hospitals. The faculty serving in the Centre have received grants to pursue projects.</p>
<p>51</p>	<p>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:</p>	<p>a. Strengths</p> <p>1. Teaching</p> <p>The department has well qualified and competent faculty with a flair in teaching and research. The faculty puts enormous efforts in enriching student’s knowledge. The students are given constant exposure to various pharmaceutical industries/CROs and hospitals for training and Dissertation work. The students are also motivated to appear for Doctoral programmes of universities of India & abroad</p> <p>2. Training</p> <p>The training of students begins from Ist semester onwards by exposing them to hospital environment where they learn interaction with patients and taking their history consequently in second and third semester they are send to 6-8 weeks rigorous training in Clinical research activities of industry and Hospital. Since the course demands a detailed exposure in Clinical research activities, the students are motivated to choose hospitals or CROS/pharmaceutical industries to pursue their Dissertation work given Supervisors of University. This unique industry-academia interaction has helped students to achieve excellence in their fields.For training activities centre has developed MOU with pharma industry including SUN pharma,Diachii Sankiioo</p> <p>3. Research</p> <p>The faculty members of the centre are actively involved in research work related to neuropharmacology, indigenous pharmacology, and clinical research. They have published dozens of papers in peer review journals of repute and impact factors.</p> <p>4. Placement</p> <p>After completing Msc Clinical research most of the students get placed immediately</p>

		<p>5. Knowledge enrichment programmes</p> <p>The department frequently organizes workshops and seminars in the field of Clinical research.</p> <p>b. Weaknesses</p> <p>More advanced and sophisticated instruments are required to upgrade Clinical Pharmacology facility</p> <p>c. Opportunities</p> <ol style="list-style-type: none"> 1. Collaboration for research –A collaborative research with industry and reputed research institute are desired to work in novel areas of clinical research. 2. More elaborative interaction with personnel from industry with students to enrich present curriculum training and placement. 3. A detail exposure to industrial activities relevant to clinical research while Pursuing the course paved the way towards opportunities in pharmaceutical industries/institutes/hospitals/CROs 4. A Faculty development programme in pharmaceutical industry/hospital/industry will enrich the profile 5. Student exchange programme of interdisciplinary in nature with other academic institution of national and international repute will benefit. <p>d. Challenges</p> <ol style="list-style-type: none"> 1. Development of course and its curriculum in consultation with the demands of the industry. 2. Procurement of sophisticated software is major challenge with respect with available financial resources 3. Procurement of instruments relevant to clinical research 4. International collaboration is desired 5. Upgrading quality teaching and research
<p>52.</p>	<p>Future plans of the department.:</p>	<ul style="list-style-type: none"> • Introduction of PhD in Clinical and Translational Sciences • National and international collaboration • Upgradation of Clinical Research Laboratory • Emphasis on filling of patents • Obtaining grants from bodies like UGC and DST to develop facilities in Clinical research



JAMIA HAMDARD

(Hamdard University)

New Delhi - 110062

website: www.jamiahamdard.edu

VOLUME - III



SELF STUDY REPORT

for Third Accreditation Cycle

Submitted to
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL [NAAC],
BENGALURU

JAMIA HAMDARD

(HAMDARD UNIVERSITY)
Hamdard Nagar, New Delhi - 110062

www.jamiahamdard.edu

Jamia Hamdard

(Hamdard University)
New Delhi – 110062
www.jamiahamdard.edu



SELF STUDY REPORT (SSR)

Submitted to

**NATIONAL ASSESSMENT AND ACCREDITATION
COUNCIL (NAAC)
BENGALURU**

[Cycle- 3]

SELF STUDY REPORT (SSR)

VOLUME – III

EVALUATIVE REPORTS OF DEPARTMENTS

EXECUTIVE SUMMARY, PROFILE AND EVALUATIVE REPORTS OF THE DEPARTMENT OF KANNUR CAMPUS

Note: Evaluative Reports of Department cover activities for 5 years of period between January 1, 2011 to December 31, 2015.

Volume III

Evaluative Reports of the Departments

TABLE OF CONTENT			
S. No.	School	Department	Page
1.	Hamdard Institute of Medical Sciences & Research (HIMSR)	1. Anaesthesia 2. Anatomy 3. Biochemistry 4. Community Medicine 5. Dentistry 6. Dermatology, Venereology and Leprosy 7. Ear Nose and Throat 8. Forensic Medicine 9. Obstetrics & Gynecology 10. Medicine & TB Chest 11. Microbiology 12. Ophthalmology 13. Orthopaedics 14. Paramedical Sciences 15. Pathology 16. Pediatrics 17. Pharmacology 18. Physiology 19. Psychiatry 20. Radiology (Radiodiagnosis) 21. Rehabilitation Sciences 22. General Surgery	05 13 21 30 43 50 58 64 73 86 95 105 115 123 136 152 162 170 178 184 191 213
2.	Kannur Campus	Executive Summary, Profile of the Centre and Evaluative Reports of the Departments	225

Hamdard Institute of Medical Sciences & Research (HIMSR)

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	ANESTHESIA				
2.	Year of establishment:	2011				
3.	Is the Department part of a School/Faculty of the university?	Yes, Hamdard Institute of Medical Sciences & Research (HIMSR)				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	MBBS				
5.	Interdisciplinary programmes and departments involved:	Nil				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	Nil				
7.	Details of programmes discontinued, if any, with reasons:	Nil				
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	AS per MCI guidelines				
9.	Participation of the department in the courses offered by other departments:	Department of paramedical sciences <ul style="list-style-type: none"> • BOTT • DOTT 				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual	
		Professor	1	2	02	
		Associate Professors	2	1	01	
		Assistant Professors	4	4	04	
		Senior Residents	3	2	02	
		Junior Residents	4	3	03	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Dr Homay Vajifdar	MBBS,MD	Professor	Anesthesia & intensive care	38	Nil *Research projects (ongoing) -03

	Dr Raktima Anand	MBBS,MD	Professor	Anesthesia &intensive care	38	Nil
	Dr Anjali Kochhar	MBBS,MD	Associate Professor	Anesthesia &intensive care Pain &Palliative care, (AIIMS) BLS&ACLS Instructor (AHA Certified)	09	Nil *Research projects (ongoing) -03
	Dr Kanika Chouhan	MBBS,MD	Assistant Professor	Anesthesia &intensive care	03	Nil *Research projects (ongoing) -01
	Dr Jahanara Banday	MBBS,MD	Assistant Professor	Anesthesia &intensive care	03	Nil *Research projects (ongoing) -02
	Dr Pratibha	MBBS,MD	Assistant Professor	Anesthesia &intensive care	03	Nil
	Dr Archana Mallik	MBBS,DNB	Assistant Professor	Anesthesia &intensive care	03	Nil Research projects Ongoing-01
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		NIL			
13.	Percentage of classes taken by temporary faculty – programme-wise information:		Nil			
14.	Programme-wise Student Teacher Ratio:			Programme	Student teacher ratio	
				MBBS	3:1	
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		Designation		Sanctioned	Filled/actual
			OT Technician		05	05
			OT Assistant		09	09
16.	Research thrust areas as recognized by major funding agencies:		Pain management with emphasis on cancer pain			
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: NIL					
18.	Inter-institutional collaborative projects and associated grants received:		Nil			
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):		Presently Nil			

20.	Research facility/centre with:	Nil									
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	None									
22.	Publications: (last 5 years):	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): • Monographs • Chapters in Books: • Edited Books • Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers) <p>Publications:</p> <ol style="list-style-type: none"> 1. Malik PK, Rani A Prevalance of testosterone deficiency in patients of diabetes mellitus less than 40 year of age. J. Evid. Based / Med. Health. C.2016; 3(9), 275-278 2. Uma B, Kochhar A, Rautela RS, Sharma CS .Anesthetic management for bronchoscopy and debulking of obstructing intratracheal tumor.Saudi J Anesthesia 2015;9:484-8 3. Malik PK, Ahmed M, Rani A. Dwivedi: S. The men who picked the truant notes in heart sounds. Astrocyte July 2015; 305-8. 4. SharmaCS, Kochhar A, Rautela RS, S Manpreet. Comparison of intra-peritoneal infiltration of Ropivacaine and Bupivacaine for pain relief after laproscopic cholecystectomy – . Anaesth, Pa Intensive Care; Vol 18(4) Oct-Dec 2014 5. Naaz S, Jahanara B: Optimum dose of Dexmedetomidine as adjuvant in spinal anaesthesia. Indian journal of Anaesthesia, 2014 (Accepted) 6. Singh R, Mahmood G, Vajifdar H. Randomized control trial to compare Fentanyl-propofol & Ketamine-propofol for procedural sedation and analgesia in laproscopic tubal ligation. Soudi J Anaesthesia March 2013 Vol7. 7. Santvana Kohli, Manpreet Kaur, Sangeeta Sahoo, Homay Vajifdar, Pramod Kohli. J Anaesthesiol Clin Pharmacol 2013 Oct;29(4):491-5 8. Ranju Singh, Mahmood Ghazanwy, Homay Vajifdar A randomized controlled trial to compare fentanyl-propofol and ketamine-propofol combination for procedural sedation and analgesia in laparoscopic tubal ligation Saudi J Anaesth 2013 Jan;7(1):24-8 9. Rautela RS , SharmaCS, Kochhar A Resistant post-partum atypical pre-eclampsia -Letter to Journal of obstetric anaesthesia and critical care Vol 3:2013:50-51 10. Naaz S., Bhattacharya A, Jahanara B and Bhatt GH. Intraoral kinking of endotracheal tube: an anatomical consideration. Research and review journal of surgery. 2013; 2(1):1-4. 11. Geetanjali Chilkoti, Medha Mohta, Anjali Kochhar, Deepti Agarwal, A K Sethi. Intubation using LMA C-Trach in anaesthetized but unparalysed patients – A pilot study. Journal of Evolution of Medical and Dental Sciences 2012;1: 422-9. 12. SharmaCS, Rautela RS, S Manpreet, Adlakha N, Kochhar A, Verma UC Comparison of efficacy of intra-peritoneal instillation of bupivacaine alone with bupivacaine- fentanyl and bupivacaine- Tramadol combination for alleviation of post-operative pain following laproscopic cholecystectomy a randomized prospective study. African journal of anaesthesia and intensive care Vol 12 (2):2012:40-44 <p><u>Book/ Chapter</u></p> <table border="1" data-bbox="321 1900 1507 1936"> <thead> <tr> <th data-bbox="321 1900 407 1936">S.</th> <th data-bbox="407 1900 667 1936">Authors/editors</th> <th data-bbox="667 1900 894 1936">Title</th> <th data-bbox="894 1900 1062 1936">ISBN</th> <th data-bbox="1062 1900 1224 1936">Year of</th> <th data-bbox="1224 1900 1507 1936">Publishers including</th> </tr> </thead> </table>				S.	Authors/editors	Title	ISBN	Year of	Publishers including
S.	Authors/editors	Title	ISBN	Year of	Publishers including						

	No.	(list all) Dr Homay Vajifdar	Obstetric anesthesia	81-7855-216-7	publication 2004	city Arya publications, New Delhi
Citation And H-index: (Google Search)						
		Name of the Faculty	Citations	h-index		
		Dr Homay Vajifdar	160-142	7-7		
		Dr Raktima Anand				
		Dr Anjali Kochhar	1-1	1-1		
		Dr Kanika Chouhan	0	0		
		Dr Jahanara Banday	0	0		
		Dr Pratibha	0	0		
		Dr Archana Mallik	0	0		
23.	Details of patents and income generated:		Nil			
24.	Areas of consultancy and income generated:		Nil			
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad:		Nil •			
26.	Faculty serving in: (i) National committees: -Nil (ii) International committees -Nil (iii) Editorial Boards of journals -Nil (iv) any other (please specify –Nil Membership of professional societies Dr Anjali Kochhar- I. Indian society of anesthesiologists (ISA) No-K1264					
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):					
		Name of faculty member	Title of programme	Institution where attended	Duration (dates)	
		Dr Anjali Kochhar	• Essentials of Palliative care	AIIMS	15 DAYS (25-08-2014)	
			• Clinical research & Bioethics	HIMSR	01 DAY (24-02-2015)	
			• Basic course workshop Medical Education technology	HIMSR	03 DAY (16-18-04-2015)	
			• Workshop on written assessment	HIMSR	01 DAY (20-10-2015)	
				SGRD, Amritsar	2to 4-10-2015	
			UCMS, Delhi	Sept 2012,2013,2014,2015		

		<ul style="list-style-type: none"> techniques • RSACPCON 2015 • EORCAPS 2012,2013,2014,2015 • ICACON 2012 • ICACON201 	DMC Ludhiana Penacea new rise,Gurgaon	Nov2012 Nov2013																
	Dr Jahanara Banday	<ul style="list-style-type: none"> • Clinical research & Bioethics • Intervention pain management • Workshop on written assessment techniques • Workshop on chronic back pain 	HIMSR Yashoda hoapital,Secund rabad HIMSR AMU,Aligarh	01 DAY (20-10-2015) 03 Days (3-5-07-2015) 01 DAY (20-10-2015) 06-11-2012																
	Dr Kanika Chouhan	<ul style="list-style-type: none"> • `ISACON2015 	Jaipur	26-29 th Dec2015																
28.	Student projects:	<p>I. STS-ICMR-Pattern and revalence of Over the counter Analgesic use among rural population of capital city of Delhi</p> <p>II. Study to evaluate the effectiveness of structured programme on care of a patient on ventilator-thesis Msc Nursing</p>																		
29.	Awards /recognitions received at the national and international level by: <ul style="list-style-type: none"> • Faculty: Nil Doctoral/Post-doctoral fellows: Nil .																			
30.	Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:																			
	<table border="1"> <thead> <tr> <th>Title Seminars/Conferences/ Workshops</th> <th>Dates</th> <th>No. of participants</th> <th>Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme)</th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center;">Workshops</td> </tr> <tr> <td>Establishing venous access</td> <td>20-02-2013</td> <td>50</td> <td></td> </tr> <tr> <td>Anesthesia day celebration CME – • A</td> <td>2014</td> <td>50</td> <td>Dr Abhijit Bhattacharya (Internationally Renound anesthesiologist)</td> </tr> </tbody> </table>				Title Seminars/Conferences/ Workshops	Dates	No. of participants	Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme)	Workshops				Establishing venous access	20-02-2013	50		Anesthesia day celebration CME – • A	2014	50	Dr Abhijit Bhattacharya (Internationally Renound anesthesiologist)
Title Seminars/Conferences/ Workshops	Dates	No. of participants	Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme)																	
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Establishing venous access	20-02-2013	50																		
Anesthesia day celebration CME – • A	2014	50	Dr Abhijit Bhattacharya (Internationally Renound anesthesiologist)																	
31.	Code of ethics for research followed by the departments:	As per ICMR Guidelines																		
32.	Student profile programme-wise:--																			

	Name of the Programme	Applications received	Selected		Pass percentage
			Male	Female	
	MBBS(2012)	2997	36	64	96.34%
	MBBS(2013)	4332	64	36	NA
	MBBS(2014)	5698	51	49	NA
	MBBS(2015)	8000	60	40	NA
33.	Diversity of students:NA				
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	NA			
35.	Student progression:NA				
36.	Diversity of staff:				
	Percentage of faculty who are graduates		%		
	of the same university		NIL		
	from other universities within the State		04		
	from universities from other States		05		
	from universities outside the country		Nil		
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	Nil			
38.	Present details of departmental infrastructural facilities with regard to	i. Library : 60 books ii. Internet facilities for staff and students: Yes, available through WiFi iii. Total number of classrooms: 1 Demonstration room, apart from 4 shared Lecture Theatres iv. Class rooms with ICT facility: 1+4			
39.	List of doctoral, post-doctoral students and Research Associates:	Nil			
40.	Number of post graduate students getting financial assistance from the university.:	NA			
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	NA			
42.	Does the department obtain feedback from:	(i) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?			

		<p>Yes, done by Medical Education Unit and Board of Studies. Department utilizes the feedback through brainstorming sessions. (ii) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes, done by Medical education Unit. The findings are shared with individual faculty members in a confidential manner by HOD and Dean. The insights from the faculty member, vis-à-vis the feedback they have received is also studied by the Medical Education Unit to enhance the process of feedback-evaluation. (iii) Alumni and employers on the programmes offered and how does the department utilize the feedback? NA</p>
43.	List the distinguished alumni of the department (maximum 10): Distinguished Alumni NIL	
44.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	<ul style="list-style-type: none"> • BLS Programmes • CME-Anesthesia Day Chief guest- Dr Abhijeet Bhattacharya • IV Cannulation workshop
45.	List the teaching methods adopted by the faculty for different programmes.:	<ul style="list-style-type: none"> • Chalk and Board. • Power Point Presentation • Audio-Visual aids (videos on subject related topics) • Group Discussion Method • Problem Based learning • Interactive Teaching • Online assistance to students
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	<ul style="list-style-type: none"> • Regular Internal Assessment • Seminar sessions • Assignments • Semester Based Credit System • Regular interaction with students to discuss and review. • Regular department meetings of faculty • Students Feedback reports • Academic progress of students monitoring at department level • Review of course completion report at the end of semester
47.	Highlight the participation of students and faculty in extension activities.	<p>Participated in Swach Bharat Abhiyaan (02 October & 14 November) Sports and cultural week, Jamia Hamdard 2014</p>
48.	Give details of “beyond syllabus scholarly activities” of the department.	<ul style="list-style-type: none"> • BLS Programme conducted regularly for doctors and nurses
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details.:	<p>i NAAC ii MCI</p>
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or	<ul style="list-style-type: none"> • BLS Programme • Research and publication

	<p>applied.:</p> <p>51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:</p>	<p>Strengths</p> <ol style="list-style-type: none"> 1. Experienced and outstanding Faculty 2. State of art -Modular operation theatre (Fully equipped for basic and advanced surgical procedures including general surgery,obstetrics & gynecology, advanced laproscopy,joint replacement surgery,dental,trauma,neuro and onco surgery) 3. State of art –CSSD (Latest technology in sterilization process) 4. State of art –Surgical Intensive care unit (With advanced ventilators,infusion pumps,DVT pump,warming systems) 5. Fiber-optic bronchoscope for difficult airway management & teaching,training of students 6. Nerve locator for nerve blocks 7. PAC & Pain clinic 8. Research 9. Publications in journals with high impact factor <p>Weaknesses</p> <ol style="list-style-type: none"> 1. Ultrasound for nerve blocks, central line insertion and ICU 2. Skill Lab 3. No administrative staff 4. Shortage of senior residents (as per areas of work- Operation theatre-8,SICU-2,PAC Clinic -1 <p>Opportunities</p> <ol style="list-style-type: none"> 1. Jamia Hamdard to be established as BLS and ACLS training Site in collaboration with AHA (American heart association) 2. Interdisciplinary teaching and research 3. MD (Anesthesia) programme <p>Challenges</p> <ol style="list-style-type: none"> 1. Skill lab 2. Post-graduate programme 3. Superspeciality anesthesia 4. Robotic surgery and anesthesia 5. Retention of faculty by giving them <ol style="list-style-type: none"> a)time based promotions b)Regular job with all benefits 6.
	<p>52. Future plans of the department.:</p>	<ol style="list-style-type: none"> 1. Jamia Hamdard to be established as nodal site in collaboration with AHA (American heart association) for advanced BLS and ACLS training programme 2. Integral part of pharmacovigilance 3. Post-graduate programme for medical and para-medical

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	ANATOMY																							
2.	Year of establishment:	2011																							
3.	Is the Department part of a School/Faculty of the university?	Yes, HIMSR, Jamia Hamdard																							
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	UG-MBBS																							
5.	Interdisciplinary programmes and departments involved:	M.Sc. (Medical), Paramedical courses, Rehabilitation courses, Nursing																							
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	DNB in collaboration with Apollo Hospital																							
7.	Details of programmes discontinued, if any, with reasons:	NA																							
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Annual and semester																							
9.	Participation of the department in the courses offered by other departments:	Paramedical courses, M .Sc. Medical, Rehabilitation courses																							
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):	<table border="1"> <thead> <tr> <th></th> <th>Sanctioned</th> <th>Filled</th> <th>Actual (including CAS & MPS)</th> </tr> </thead> <tbody> <tr> <td>Professor</td> <td>1</td> <td>1</td> <td>01</td> </tr> <tr> <td>Associate Professors</td> <td>1</td> <td>1</td> <td>01</td> </tr> <tr> <td>Assistant Professors</td> <td>1</td> <td>2</td> <td>02</td> </tr> <tr> <td>Others</td> <td>3(demonstrators)</td> <td>3</td> <td>03</td> </tr> </tbody> </table>					Sanctioned	Filled	Actual (including CAS & MPS)	Professor	1	1	01	Associate Professors	1	1	01	Assistant Professors	1	2	02	Others	3(demonstrators)	3	03
	Sanctioned	Filled	Actual (including CAS & MPS)																						
Professor	1	1	01																						
Associate Professors	1	1	01																						
Assistant Professors	1	2	02																						
Others	3(demonstrators)	3	03																						
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:	<table border="1"> <thead> <tr> <th>Name</th> <th>Qualification</th> <th>Designation</th> <th>Specialization</th> <th>No. of Years of Experience</th> <th>No of Ph.D. Students Guided for the last 5 years</th> </tr> </thead> <tbody> <tr> <td>Dr. Raj D. Mehra</td> <td>M.Sc., Ph.D.</td> <td>Prof & Head</td> <td>Anatomy</td> <td>40 years</td> <td>Nil</td> </tr> <tr> <td>Dr.Ranjana</td> <td>M.B.B.S.,</td> <td>Associate</td> <td>Anatomy</td> <td>12.5 years</td> <td>Nil</td> </tr> </tbody> </table>					Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years	Dr. Raj D. Mehra	M.Sc., Ph.D.	Prof & Head	Anatomy	40 years	Nil	Dr.Ranjana	M.B.B.S.,	Associate	Anatomy	12.5 years	Nil	
Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years																				
Dr. Raj D. Mehra	M.Sc., Ph.D.	Prof & Head	Anatomy	40 years	Nil																				
Dr.Ranjana	M.B.B.S.,	Associate	Anatomy	12.5 years	Nil																				

	Verma	M.D.	Professor			
	Dr. Shalini Kumar	M.B.B.S., M.D.	Assistant Professor	Anatomy	5 years 4 Months	Nil
	Dr. Arpita Mahajan	M.B.B.S., M.D.	Assistant Professor	Anatomy	3 years 4 months	Nil
	Dr. Ashar Imam	M.B.B.S.	Demonstrator	Anatomy	5 years 2 months	Nil
	Dr. Khalid Mehmood	M.B.B.S.	Demonstrator	Anatomy	4 years 10 months	Nil
	Dr. P.M.Sharma	M.B.B.S.	Demonstrator	Anatomy	4 years 10 months	Nil
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:			Dr. Ram Prakash as Adjunct Professor affiliation for HIMSR, Jamia Hamdard		
13.	Percentage of classes taken by temporary faculty – programme-wise information:			NA		
14.	Programme-wise Student Teacher Ratio:			Programme	Student teacher ratio	
				MBBS	3:1	
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:			Designation	Sanctioned	Filled/ actual
				Sr. Lab. Technician	1	1
				Junior Assistant	1	1
				D.H. Attendant	1	1
16.	Research thrust areas as recognized by major funding agencies:			1.Neurosciences 2.Estrogen mediated neuroprotection and neuroplasticity in aging brain. 3.Arsenic induced neurotoxicity. 4Clinical anatomy.		
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: Nil					
18.	Inter-institutional collaborative projects and associated grants received:			Nil		
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):			Nil		
20.	Research facility/centre with:			Nil		
21.	Special research laboratories sponsored by/created by industry or corporate bodies:			Nil		
22.	Publications: (last 5 years):	1. Saha S, Mahajan A. An Unilateral Rare Variant of Plantaris Muscle Belly and Its Entrapment: A Clinico - Anatomical Study. . IJHSR (International Journal of Health Sciences and Research) .(Index				

		<p>Copernicus: 92.82). 2015; 5(10): 343-346. ISSN: 2249-9571 (Online)</p> <p>2. Kaushal P., Mehra Raj D. and Dhar P. Curcumin induced up regulation of myelin basic protein (MBP) ameliorates sodium arsenite induced neurotoxicity in developing rat cerebellum JAS (Journal of Anatomical Society of India, Impact factor 0.06)I. 2014; 4 (1): 3-11. ISSN: 0003-2778</p> <p>3. Kumar S, Asghar A, Mehmood K, Kausar F, Prakash R. Insight of knot of Henry: A case report IOSR-JDMS (International journal Of Scientific Research – Journal of Dental and Medical Sciences, Impact factor – 1.576). 2013; 9(1): 48-50ISSN: 2279-0861(print version), ISSN: 2279-0853 (e version)</p> <p>4. Ahmad F, Yunus SM, Asghar A, Faruqi NA. Influence of Anabolic steroid on tibial fracture healing in Rabbit. JCDR(Journal of Clinical and Diagnostic Research, Impact factor – 0.23) 2013;7(1): 93-96. ISSN: 0973-709X</p> <p>5. Asghar A, Singh B, Kausar F, Mehmood M. Role of MARS in teaching Anatomy: based on student’s feedback JASI(Journal of Anatomical Society of India, Impact factor 0.06). 2012; 20(1):19-24. ISSN: 0003-2778</p> <p>6. Ahmad F, Yunus SM, Asghar A Faruqi NA. Osteotomy Model is Not Suitable to Provide Insight into Normal Bone Healing. IOSR-JDMS (International journal Of Scientific Research – Journal of Dental and Medical Sciences, Impact factor – 1.576). 2012;1(3): 1-4. ISSN: 2279-0861(print version), ISSN: 2279-0853 (e version)</p>			
<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): 06 • Monographs Nil • Chapters in Books:nil • Edited Books Nil • Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers) 					
Sl. No.	Authors/editors (list all)	Title	ISBN	Year of publication	Publishers including city
1.	Adil Asghar and Brijender Singh	Concise Anatomy and Physiology for paramedical, nursing ,pharmacy and physiotherapy students	978-93-81714-71-3	2014	Scientific International pvt.ltd
S. No.	Faculty Name	h- index (Since 2011)	Citation Index (Since 2011)		
1	Dr. Raj D.Mehra	9	282		
2	Dr. Ranjana Verma	4	46		
3	Dr. Shalini	0	0		

		Kumar		
	4	Dr. Arpita Mahajan	0	0
23.	Details of patents and income generated:		Nil	
24.	Areas of consultancy and income generated		Nil	
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:		Nil	
26.	<p>Faculty serving in:</p> <ul style="list-style-type: none"> (v) National committees: (vi) International committees (vii) Editorial Boards of journals (viii) any other (please specify) Life member ship in ASI (Anatomical Society of India) <p>Mehra Raj D</p> <ol style="list-style-type: none"> 1. Invited selection committee member for selection of faculty in Anatomy, ESI Medical Colleges, New Delhi, 2013,2014 2. Chairperson Institutional Animal ethics committee of AIIMS, New Delhi -2014 till date 3. Member Institutional Committee on Stem cell Research of AIIMS, New Delhi-2014 till date 			
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):			
	Name of faculty member	Title of programme	Institution where attended	Duration (dates)
	Dr Ranjana Verma	Attended “ Stereology workshop in new delhi”	Maulana Azad Medical College, Dptt. of Anatomy	8 th -9 th September 2015
		Particiated in CME in Dermatopathology	HIMSR, Jamia Hamdard	7 th April 2015
		Participated Basic course workshop in Medical Education Technology	HIMSR, Jamia Hamdard	16 th -18 th April 2015
		Attended workshop on “Preservation Technique of human body	Maulana Azad Medical College, Dptt. Of Anatomy	13-14 th Feb 2015
	Dr. Shalini Kumar	Attended workshop on “Preservation Technique of human body- Embalming & Museumology”	Maulana Azad Medical College, Dptt. Of Anatomy	7 th & 8 th February '2014.

	Att Attended “Basic Course Workshop in medical education”	MAMC HIMSR, Jamia Hamdard	23 rd -25 th july 2013 2 nd may 2013
	Attended CME on Medical Legal Issues	HIMSR, Jamia Hamdard	30 th july 2013
	Attended workshop on Teaching methodology	MAMC	13 th - 15 th Oct. 2015
	Participated in Revised Basic Course workshop in Medical Education Technology		
Dr. Arpita Mahajan	Attended “Stereology workshop in New Delhi”	Maulana Azad Medical College, Dptt. of Anatomy	8 th -9 th September 2015
28.	Student projects:	NIL	
29.	Awards /recognitions received at the national and international level by:		
	• Faculty		
	S. No	Faculty	Award/Recognition
	1	Mehra Raj D	1. “Dr. Sukhbir Prasad Jain Oration” of ASI-2013
			Year
			2013
	Postdoc		
	PhD		
30.	Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any: NIL		
	Title Seminars/Conferences/ Workshops	Dates	No. of participants
			Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme
31.	Code of ethics for research followed by the departments:	As per RPAC committee, HIMSR and Ethical Committee, Jamia Hamdard	
32.	Student profile programme-wise:		
	Name of the Programme (refer to question/point no. 4)	Applications received	Selected
			Male
			Female
			Pass percentage Total
	2012	2997	36
	2013	4332	64
	2014	5698	51
	2015	8000	60
			40
			12/90
			2/103
			5/100
			N. A

33.	Diversity of students: N.A			
	Name of the Programme (refer to question/point no. 4)	% of students from the same university	% of students from other universities within the State	% of students from other countries
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	NIL		
35.	Student progression: N/A			
	Student progression		Percentage against enrolled	
	UG to PG			
	PG to M.Phil.			
	PG to Ph.D.			
	Ph.D. to Post-Doctoral			
	Employed			
	• Campus selection			
	• Other than campus recruitment			
	•			
	Entrepreneurs			
36.	Diversity of staff:			
	Percentage of faculty who are graduates		%	
	of the same university		Nil	
	from other universities within the State		50%	
	from universities from other States		50%	
	from universities outside the country		Nil	
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	NIL		
38.	Present details of departmental infrastructural facilities	(i) Library Yes • Departmental with No of books 131 • 1 Central Library		

	with regard to	(ii) Internet facilities for staff and students Departmental and In HIMSAR library (iii) Total number of class rooms- 4LTs & 2 Demonstration Rooms (iv) Class rooms with ICT facility - Yes (v) Students' laboratories-3(Dissection Hall, Histology & Museum) (vi) Research laboratories - Yes 1 (Central Research Lab)
39.	List of doctoral, post-doctoral students and Research Associates:	NIL
40.	Number of post graduate students getting financial assistance from the university.:	NA
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	MBBS curriculum was approved by Board of study of Jamia Hamdard
42.	Does the department obtain feedback from:	Yes
43.	List the distinguished alumni of the department (maximum 10): NA	
44.	Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.:	Research club presentations
45.	List the teaching methods adopted by the faculty for different programmes.:	<ul style="list-style-type: none"> • Didactic Lectures, • Seminars, • Tutorials, • Small group demonstrations • Integrated teaching.
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	<ul style="list-style-type: none"> • Regular Internal Assessment • Assignments • Regular interaction with students to discuss and review. • Regular department meetings of faculty • Microteaching sessions and evaluations
47.	Highlight the participation of students and faculty in extension activities.	Nil
48.	Give details of “beyond syllabus scholarly activities” of the department.	Seminars & Quiz
49.	State whether the programme/department is accredited/graded by	MCI Medical Council of India

	other agencies? If yes, give details.:	
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	<ol style="list-style-type: none"> 1. Regular research and research publications 2. Attending seminars and workshops
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	<p>Strengths</p> <ul style="list-style-type: none"> • Dedicated teaching staff • Punctuality and cleanliness • Discipline • Team Work • Facilities: library, museum and internet <p>Weaknesses</p> <ul style="list-style-type: none"> • There is no high quality microscope & microtome for research purpose and enhancement of teaching <p>Opportunities</p> <ul style="list-style-type: none"> • Research on Available Materials • Interdepartmental Projects • Organizing Seminars and Workshops <p>Challenges</p> <ul style="list-style-type: none"> • Procurement of further infrastructure • Further training and expertise of faculties in various skills
52.	Future plans of the Department:	<ul style="list-style-type: none"> • To establish cadaveric lab for training of various surgical disciplines • Introduce PG in department and up gradation of research and teaching facilities

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	BIOCHEMISTRY				
2.	Year of establishment:	2011				
3.	Is the Department part of a School/Faculty of the university?	Yes, Faculty of HIMSR				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	I. MBBS II. M.Sc. III. Ph.D.				
5.	Interdisciplinary programmes and departments involved:					
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA				
7.	Details of programmes discontinued, if any, with reasons:	NA				
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Annual and semester				
9.	Participation of the department in the courses offered by other departments:	Yes , In collaboration with Deptt of Biomedical sciences , Nursing and Rehab sciences				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor	1	2	02	
		Associate Professors	1	1	01	
		Assistant Professors	1	1	01	
	Others	Lecturer-1, Tutor- 3	Lecturer-1 Tutor-3	Lecturer-1 Tutor-3		
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance					
	Name	Qualification	Designation	Specialization	No of years of experience	No of PhD /M.Phil students guided for the last five years
	Prof Sarita	MD	Professor &	Biochemistry	33	NA

	Agrawal		Head			
	Prof S.K. Jain	PhD	Professor	Biochemistry	41	2 ongoing PhD students:
	Dr Shweta Singh	MD	Associate professor	Biochemistry	5 yrs 8 month	NA
	Dr Kahkasha	MD	Assistant professor	Biochemistry	6 yrs 6months	NA
	Dr Sana Alam	MD	Lecturer	Biochemistry	2 yrs 5 month	NA
	Mrs Bhumika Upadhyay	M. Sc.	Demonstrator	Medical Biochemistry	7 yrs	NA
	Mr Kailash Chandra	M.Sc.	Demonstrator	Medical Biochemistry	6 & ½ years	NA
	Dr. Naziya Hamid	MBBS	Demonstrator	NA	7 ½ month	NA
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		NA			
13.	Percentage of classes taken by temporary faculty – programme-wise information:		NA			
14.	Programme-wise Student Teacher Ratio:		Programme		Student teacher ratio	
			MBBS + M.Sc. (Theory)		109:5	
			Practical		55:6	
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		Designation		Sanctioned	Filled/actual
			Computer operator		01	00
			Technician		01	01
			Attendant		02	01
16.	Research thrust areas as recognized by major funding agencies:		i. Proteomic study on oral cancer and tobacco users ii. Therapeutic potential of Chicory on life style disorders			
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: Nil					
18.	Inter-institutional collaborative projects and associated grants received:		Nil			
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):		Nil			
20.	Research facility/centre with:		Nil			

21.	Special research laboratories sponsored by/created by industry or corporate bodies:	Nil																					
22.	Publications: (last 5 years):	<p>Number of papers published in peer reviewed journals (national / international):4 Monographs : Nil Chapters in Books: :Nil Edited Books :Nil Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers)</p> <p>Publications:</p> <p>1 Goel P, Kahkasha, Gupta B K: Evaluation of serum prolactin levels in patients of subclinical and overt hypothyroidism. Journal of Clinical and Diagnostic Research. 2015 Jan. Vol-9(1):BC15-BC17. (ISSN-0973-709X)</p> <p>2 Chandra K, Monisha Khursheed , Bhumika Upadhyay (March 2014) A study on health status of Medical students based on their BMI and abdominal circumference. Indian Journal of Basic and Applied Medical Research. 3(2) 609-614. ISSN: 2250 – 2858,</p> <p>3 Monisa Khursheed, Kailash Chandra and D.K.Srivastava (2014) Incidence of nonstructural protein (NS1) positivity and its correlation with thrombocyte count and serum transaminase levels (Dengue episode 2013): A retrospective study. Int J Pharm Bio Sci . 5 (3) 95 – 103. ISSN :0975-6299,</p> <p>4 Sana Alam, Akif Ahsan :Accumulation of AGEs in Systemic Lupus Erythematosus (SLE) - 5 Year Update (2013) Postgraduate Journal of Medical Research.; 2(1):142-146. (ISSN: 2321 – 6867)</p> <p>Books/Chapter – Nil</p> <p>Citation And H-index: (Google Search)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Name of the Faculty</th> <th style="text-align: center;">Citations</th> <th style="text-align: center;">h-index</th> </tr> </thead> <tbody> <tr> <td>Dr. Sarita Agarwal</td> <td style="text-align: center;">39</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Dr. Shweta Singh</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Dr. Kahkasha</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Dr. Sana Alam</td> <td style="text-align: center;">12</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Mrs. Bhoomika Upadhya</td> <td style="text-align: center;">5</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Mr. Kailash Chandra</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>	Name of the Faculty	Citations	h-index	Dr. Sarita Agarwal	39	3	Dr. Shweta Singh	0	0	Dr. Kahkasha	1	1	Dr. Sana Alam	12	2	Mrs. Bhoomika Upadhya	5	1	Mr. Kailash Chandra	0	0
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Mr. Kailash Chandra	0	0																					
23.	Details of patents and income generated:	Nil																					
24.	Areas of consultancy and income generated:	Nil																					
25.	Faculty selected nationally/internationall	None																					

	y to visit other laboratories/institutions/ industries in India and abroad:																																				
26.	<p>Faculty serving in</p> <p>i). National committees</p> <p>a) Dr Sarita Agarwal Association of Clinical Biochemists of India Association of Medical Biochemist of India</p> <p>b). Dr Shweta Singh Association of Medical Biochemist of India</p> <p>c) Dr. Kahkasha Association Of Clinical Biochemist Of India. Association of Medical Biochemist of India</p> <p>d) Dr Sana Alam Indian society for Atherosclerosis research Indian society for Atherosclerosis research (Delhi)</p> <p>d). Mr Kailash Chandra Indian society for Atherosclerosis research Indian society for Atherosclerosis research (Delhi)</p> <p>ii) International Committees: None</p> <p>iii). Editorial board of journals :None</p>																																				
27.	<p>Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):</p> <table border="1"> <thead> <tr> <th></th> <th>Name of the faculty member</th> <th>Title of program</th> <th>Institution where attended</th> <th>Duration (dates)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Dr Kahkasha</td> <td>Pathcon and Lab Expo 2015</td> <td>India Habitat Centre, New Delhi</td> <td>12-13th Dec 2015</td> </tr> <tr> <td>2</td> <td>Dr Kahkasha</td> <td>Bioethics workshop organised by Central India Unit of UNESCO Chair</td> <td>Ram Manohar Lohia Hospital, New Delhi</td> <td>11th Dec 2015</td> </tr> <tr> <td>3</td> <td>Dr Sana Alam</td> <td>Bioethics workshop</td> <td>Dr. Ram Manohar Lohia Hospital, Delhi</td> <td>11th Dec. 2015</td> </tr> <tr> <td>4</td> <td>Mr. Kailash Chandra</td> <td>Workshop of recent advancement in molecular modeling and drug design</td> <td>Department of pharmaceutical chemistry, Faculty of Pharmacy, Jamia Hamdard</td> <td>21-22nd November, 2015</td> </tr> <tr> <td>5</td> <td>Dr Kahkasha</td> <td>Workshop on Written Assessment Techniques</td> <td>Medical Education Unit, HIMSR, Delhi</td> <td>20th October 2015</td> </tr> <tr> <td>6</td> <td>Dr. Kahkasha</td> <td>UNO, “ He For She” Delhi Youth Voice Event.</td> <td>Sri Ram College of Commerce, Delhi</td> <td>5th October 2015</td> </tr> </tbody> </table>			Name of the faculty member	Title of program	Institution where attended	Duration (dates)	1	Dr Kahkasha	Pathcon and Lab Expo 2015	India Habitat Centre, New Delhi	12-13 th Dec 2015	2	Dr Kahkasha	Bioethics workshop organised by Central India Unit of UNESCO Chair	Ram Manohar Lohia Hospital, New Delhi	11 th Dec 2015	3	Dr Sana Alam	Bioethics workshop	Dr. Ram Manohar Lohia Hospital, Delhi	11 th Dec. 2015	4	Mr. Kailash Chandra	Workshop of recent advancement in molecular modeling and drug design	Department of pharmaceutical chemistry, Faculty of Pharmacy, Jamia Hamdard	21-22 nd November, 2015	5	Dr Kahkasha	Workshop on Written Assessment Techniques	Medical Education Unit, HIMSR, Delhi	20 th October 2015	6	Dr. Kahkasha	UNO, “ He For She” Delhi Youth Voice Event.	Sri Ram College of Commerce, Delhi	5 th October 2015
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				University	
	7	Mr. Kailash Chandra	Training on BD FACS Orient (BD LSR II)	BD-JH FACS Academy, New Delhi	8- 10 th April, 2015
	8	Dr Kahkasha	Workshop on Clinical Research & Bioethics	HIMSR, Delhi	24 th Feb 2015
	9	Dr Sana Alam	Workshop on Clinical research & Bioethics	Hamdard Institute of Medical sciences & Research, Jamia Hamdard	24 th February 2015
	10	Ms. Bhoomika Upadhyay	Workshop on Clinical research & Bioethics	Hamdard Institute of Medical sciences & Research, Jamia Hamdard	24 th February 2015
	11	Mr. Kailash Chandra	Workshop on Clinical research & Bioethics	Hamdard Institute of Medical sciences & Research, Jamia Hamdard	24 th February 2015
	12	Dr Kahkasha	Certificate Course On Intellectual Property Rights	Dept. Of Pharmacy, Jamia Hamdard	Dec 2014
	13	Dr Sana Alam	Workshop on Engineering & Technology, AMU	Zakir Hussain Institute Of Engineering & Technology, AMU	11 th Feb 2014
	14	Mr. Kailash Chandra	Workshop on application Of Stastical Software In Medical Research	Institute Of cytology & Preventive Oncology (ICMR), Noida	5 th – 7 th Aug 2013
	15	Dr. Sana Alam	Workshop on Soft skills in Medical education	Christian Medical college,Ludhiana	14 th -11 th 2013
	16	Mr. Kailash Chandra	Workshop on Teaching Methodology	HIMSR, Jamia Hamdard	30 th July 2012
28.	Student projects: Nil				
29.	Awards /recognitions received at the national and international level by:				
	<ul style="list-style-type: none"> Faculty 				
	Dr Sana Alam	1st prize for Best Oral Presentation On , “IMA(ischemia modified albumin) , A newer Biochemical marker for early diagnosis of acute MI.” in ISARCON 2015			

30.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:				
	Title Seminars/Conferences/ Workshops	Dates	No. of participants	Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme)	
	Seminars/Conferences				
	ISARCON-2015 New paradigm in Atherosclerosis	29 th -31 st October, 2015	200	Dr Mahmood Hussain Prof Parthasarathy Dr. Shantanu Sengupta Dr. Gundu HR Rao Dr. Bobby B Khan	
UGC-SAP Conference on Chronic inflammatory diseases	13 th - 15 th February, 2014	150	Prof. D.N. Rao, AIIMS Dr. Javed Agrewala Prof SC Tiwari Prof S . Dwivedi		
31.	Code of ethics for research followed by the departments:	Two committees (i) RPAC (ii) IAEC			
32.	Student profile programme-wise: Nil				
33.	Diversity of students:				
	Name of the Programme	Year	% of students from the same university	% of students from other universities within the state	% of students from other universities outside the State
	M.Sc	2015-2016	50	50	0
Ph.D	2014-2015	0	0	100	
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	NA			
35.	Student progression: NA				
36.	Diversity of staff:				
	Percentage of faculty who are graduates			%	
	of the same university			0	
	from other universities within the State			0	
	from universities from other States			100 (7/7)	
from universities outside the country			0		
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment	None			

	period:	
38.	Present details of departmental infrastructural facilities with regard to	i) Library : Yes (No. of books- 150) ii) Internet facilities for staff and students: yes iii) Total no. of class room- 3 LTs + 1 Demo room iv) Class room with ICT facility: Yes v) Student Laboratory: Yes (1) vi) Research Laboratories: Yes (2) – 1 departmental research , 1 Central research lab
39.	List of doctoral, post-doctoral students and Research Associates:	(i) from the host institution/university 1. Mr. Kailash Chandra (PhD Student) ‘Therapeutic potential of <i>Cichorium intybus</i> seed supplementation on life style disorders’ 2. Mrs. Bhumika Upadhyay (PhD Student) ‘Identification of predictive biomarker (s) for complication arising from concomitant smoking and smokeless tobacco abuse’
40.	Number of post graduate students getting financial assistance from the university.	None
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	Yes: Minutes of Meeting of Board of Studies held for:- MBBS , PhD & MSc in Medical Biochemistry
42.	Does the department obtain feedback from:	i). Faculty on curriculum as well as teaching learning evaluation: Yes <ul style="list-style-type: none"> • Teaching schedule is discussed before hand and displayed on the notice board • Methods of teaching are discussed monthly to improve teaching of students • Micro teaching is held monthly in the department • Faculty members indulge in weekly seminars • Test questions for monthly tests and semester exams are discussed among faculty members • Faculty members ask MCQs of their respective topics from the students • Interactive sessions’ topics are discussed weekly before putting them on notice board • Practical exercise(along with PBL and Spotters) helps in better understanding of the topics ii). Student on staff, curriculum and teaching learning evaluation: Yes <ul style="list-style-type: none"> • Feedback is taken from the students: students appreciate the way teachers use for teaching like ppt, chalk and board etc • MCQs are helpful for them for preparation of pg entrance • Interactive sessions are helpful • Syllabus is vast in comparison to time allotted for 1st year.

		iii) Alumni & employers on the programmes offered NA	-
43.	List the distinguished alumni of the department: NA		
44.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	NA	
45.	List the teaching methods adopted by the faculty for different programmes.:	<ul style="list-style-type: none"> • Chalk and Board. • Power Point Presentation • OHP Presentation • Audio-Visual aids (videos on subject related topics) • Problem Based learning • Interactive Teaching 	
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	<ul style="list-style-type: none"> • Regular Internal Assessment • Seminar sessions • Semester Based assessment • Regular interaction with students to discuss and review. • Regular department meetings of faculty • Academic progress of students monitoring at department level 	
47.	Highlight the participation of students and faculty in extension activities.	Seminars Participated in Swach Bharat Abhiyaan (02 October & 14 November)	
48.	Give details of “beyond syllabus scholarly activities” of the department.	Nil	
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details.:	Nil	
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	Started PhD and M.Sc. Courses in Medical Biochemistry	
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	<p>Strengths</p> <ol style="list-style-type: none"> 10. Adequate faculty with good coordinations 11. Interactive session with students 12. Publications in journals with high impact factor 13. State of art lab facility 14. Computational facility 	

		<p>Weaknesses</p> <ol style="list-style-type: none"> 5. Requirement of Advanced instrumentation in areas of Biochemical and molecular research 6. Shortage of administrative staff 7. Shortage of Drinking water in department <p>Opportunities</p> <ol style="list-style-type: none"> 4. Interdisciplinary teaching and research. 5. seek the opportunities to send the young teacher for research training <p>Challenges</p> <ol style="list-style-type: none"> 7. Exposure to the upcoming sophisticated instrument 8. Constant encouragement/vigil/training opportunities will be required for updated delivery in classrooms and labs. 9. Syllabus are required to be constantly updated and kept abreast with developing knowledge to ensure that the students remain competitive
52.	Future plans of the department.	<ol style="list-style-type: none"> 4. To start Post graduate course (MD) in Biochemistry 5. Establishment of cell Culture facility for in vitro research 6. NABL accreditation for Hospital central lab 7. Establishment of departmental Research Instrumentation Facility

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	COMMUNITY MEDICINE				
2.	Year of establishment:	2011				
3.	Is the Department part of a School/Faculty of the university?	Hamdard Institute of Medical Sciences & Research , Jamia Hamdard New Delhi				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D. Sc., D.Litt., etc.):	MBBS				
5.	Interdisciplinary programmes and departments involved:	NA				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA				
7.	Details of programmes discontinued, if any, with reasons:	NA				
8.	Examination System: Annual/Semester/Trimester/ Choice Based Credit System:	Professional Examination system as per MCI guidelines				
9.	Participation of the department in the courses offered by other departments:	BPT, MPT, MOT by Department of Rehabilitation sciences MSc Community Nursing by Rufaidda School of Nursing BSc Medical Records by Department of Paramedical Sciences, HIMSR MBA – Health and Hospital management by Faculty of Management				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor	2	2	2	
		Associate Professors	2	1	1	
		Assistant Professors	6	6	6	
		Demonstrators	3	3	3	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Prof. Rambha Pathak	MD, DNB	Professor & Head	Community Medicine	10	0

	Prof. I B Sareen	MD, DPH	Professor	Community Medicine	30	0
	Dr. Sushovan Roy	MD	Associate Professor	Community Medicine	8	0
	Dr. Mohd. Vaseem Ismail	PhD (Statistics)	Assistant professor	Statistics	10	0
	Dr. Nazish Rasheed	MD	Assistant professor	Community Medicine	5	0
	Dr. Mamta	MD	Assistant professor	Community Medicine	4	0
	Dr. Farzana Islam	MD	Assistant professor	Community Medicine	5	0
	Dr. Zakirhusain Shaikh	MD, DHRM	Lecturer	Community Medicine	5	0
	Dr. Faheem Ahmed	MD, MBA	Lecturer	Community Medicine	4	0
	Dr. Rashmi Agarwalla	MD	Demonstrator	Community Medicine	1	0
	Dr. Sanjay Gupta	MBBS	Demonstrator	NA	22	0
	Dr. Varsha Singh	MBBS, MD	Demonstrator	Community Medicine	3	0
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	NIL				
13.	Percentage of classes taken by temporary faculty – programme-wise information:	NA				
14.	Programme-wise Student Teacher Ratio:		Programme MBBS	Student teacher ratio 3:1		
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation		Sanctioned	Filled/actual	
		Lady Medical Officer		2	2	
		Public Health Nurse		2	2	
		Medical Social worker		5	5	
		Health Educator		2	2	
		Health Inspector		3	3	
		Technical assistant		4	4	
		Stenographer		1	1	
		Record keeper		1	1	
		Store keeper		2	2	
		Peon (Attendant)		3	3	
Sweepers		2	2			
16.	Research thrust areas as recognized by major funding agencies:	<ul style="list-style-type: none"> • Road Safety • Menstrual Hygiene • HIV/AIDS • Adolescents • Personality Disorders • Reproductive Tract Infections 				

		<ul style="list-style-type: none"> • Tobacco • Immunization
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:	NA
18.	Inter-institutional collaborative projects and associated grants received:	None
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	None
20.	Research facility/Centre with:	None
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	None
22.	Publications: (last 5 years):	<ul style="list-style-type: none"> ▪ Number of papers published in peer reviewed journals (national / international): 23 <p>Publications: [2015]</p> <ol style="list-style-type: none"> 1. Goel NK, Pathak R, Gulati S, Balakrishnan S, Singh N, Singh H(2015). Surveillance of bacteriological quality of drinking water in Chandigarh, northern India. Journal of Water Health., 13,931-8; ISSN Print: 1477-8920, Online: 1996-7829.Impact factor 1.458. 2. Roy S, Rasheed N (2015). The National Mental health Program of India. International Journal of Current Medical and applied sciences2015; 7; 7-15.2.Print-ISSN: 2321 – 9327; Online-ISSN: 2321 – 9335 3. Acharya AS, Kaur R, Prasuna JG, Rasheed N(2015).Making Pregnancy Safer-Birth Preparedness and Complication Readiness Study Among Antenatal Women Attendees of A Primary Health Center,Delhi. Indian Journal of Community Med 2015; 40: 127-34. ISSN: Print -0970-0218, Online - 1998-3581. 4. Parashar M, Agarwalla R, Dwivedi S, Mallik P, Pathak R (2015). Prevalence and correlates of nicotine dependence in construction site workers-A cross sectional study in Delhi. Lung India. ISSN: 0970-2113(Accepted for publication) 5. Islam F, Roy S, Pathak R, Parashar M, Agarawala R,Kapilashrami M.C, Deb Roy A (2015). Knowledge and Attitude about HIV/AIDS among First Year Medical & Paramedical Students of a University in New Delhi. National Journal of Research in Community Medicine. Volume 4 (336-343); ISSN - Print: 2277 – 1522, Online: 2277 – 3517; 3.2 6. Zakirhusain A Shaikh, Rambha Pathak, M C Kapilashrami, (2015), Misuse of social media marketing by alcohol companies, Journal Of Mental Health and Human Behavior, Volume 20, issue 1, pages- 22-27, ISSN: 0971-89.

7. Pathak R, Chaudhary C, Mishra P, Sangwan G, Meenal (2015). Perception, Practices and Barriers towards Health Research among Young Medical Professionals of Northern India. *International Journal of Health Sciences and Research*, 5,11-19; ISSN: 2249-9571. Impact factor 3.5.)
 8. Mohd Vaseem Ismail, M.K. Sharma, E A Khan, K. Naseer, (2015). A Note on Optimum Allocation with Non-linear Cost Function, *International Journal of Applied Information System*. 8(2): 44-46,ISSN No. 2249-0868
 9. Sakhi John, Mohd. Vaseem Ismail, (2015). Information Technology Challenges and Issues in Health and Hospital Sector- Critical Evaluation, *International Journal of Emerging Trends in Electrical and Electronics*, 11(5): 97-102, 2320-9569.
 10. M.K. Sharma, Mohd Vaseem Ismail, V. Kumar, (2015). Computer Program in MATLAB for optimum allocation for Multivariate Stratified Sampling, *International Journal of Computer Applications*. 11(10), 32-36, 0975-8887.
 11. Sakhi John, Mohd. Vaseem Ismail,(2015). Quality Challenges of Public Health Information System in Indian Rural Healthcare Sector Monitoring and Evaluation-The Case Study, *International Journal Applied Science and Technology Research Excellence*, 5(1), 36-46, 2250-2718.
 12. Rasheed N, Khan Z, Khaliq N,Siddiqui AR, Hakim S(2015). Family planning differentials among religious groups: A study in India. *International Journal of Medicine and Public Health* 2015; 5: 98-101.ISSN: Print -Awaited, Online - 2230–8598.
 13. Patavegar BN, Rasheed N, Pathak R, Kapilashrami MC and Farookee AB (2015). Menstrual pattern and menstrual disorders among school going adolescent girls in Delhi. *Journal of Basic and Applied Research International* 2015; 11(4):241-246. (ISSN: 2395-3438 (Print), 2395-3446 (Online).
 14. Parashar M, Singh SV, Kishore J,Patavegar BN (2015). Breastfeeding attachment and positioning technique, Practices and Knowledge of related issues among mothers in resettlement colony of Delhi.ICAN: *Infant, Child, and Adolescent Nutrition* 2015;7:317-22.Print ISSN: 1941-4064 ,Online ISSN: 1941-4072).
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18. Zakirhusain Shaikh (2014), Knowledge of Reproductive Health and HIV among School Going Adolescents of Mumbai, *Indian Journal of Youth and Adolescent Health*, Vol 1, No 3&4, pages 36-42, ISSN: 2349–2880.
 19. Ahuja P, Pathak R, Arora S (2014). Level of Job Satisfaction among Hospital Employees. *International Journal Of Informative & Futuristic Research*,10,29-31;ISSN(online):2347-1697)
 20. Patavegar BN, Kapilashrami MC, Rasheed N, Pathak R (2014). Menstrual hygiene among adolescent school girls: an in-depth cross-sectional study in an urban community. *International Journal of Health Sciences and Research*,4,15-21; ISSN: 2249-9571. Impact factor 3.5.
 21. Ahuja P. Dharamveer N, Pathak R (2014). Level of job satisfaction among nursing staff in

public and private hospitals in Punjab. Asian Journal of Research in Business Economics and Management,4,152-164; ISSN, 2249-7307.

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22. Mohd Vaseem Ismail, M.K. Sharma, (2013). Some Multi-Convex Programming Problems Arising in multivariate Sampling, International Journal of Computer Applications, 61(21), 0975-8887.

[2012]

23. Mohd Vaseem Ismail, M.K. Sharma, (2012). Multivariate Stratified Random Sampling, Journal of IPEM. 6(1), 0974-8903.

- Monograph-0
- Chapters in Books - 0
- Edited Books -0
- Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers)

S.N.	Authors/editors (list all)	Title	ISBN	Year of publication	Publishers including city
01	Dr. Zakirhusain Shaikh	Master Companion: A Short Text In Community Medicine	9789374735770	2015	AITBS Publishers India, Delhi
02	Dr. Zakirhusain Shaikh	Master Updates 2015: Recent Advances In Community Medicine	9789380316604	2015	Ahuja Publishing House, Delhi
03	Mohd. Vaseem Ismail, QS Ahmad	Operations Research	9789381159651	2013	Luxmi Publication Pvt. Ltd. New Delhi India
04	Mohd. Vaseem Ismail, QS Ahmad	Pharmaceutical Biostatistics	8189747851	2011	Birla Publications Pvt. Ltd. New Delhi India

Citation And H-index: (Google Scholar)

Name of the Faculty	Citations	h-index
Prof. Rambha Pathak	135	7
Prof. I B Sareen	3	1
Dr. Sushovan Roy	23	2
Dr. Mohd Vaseem Ismail	4	1
Dr. Nazish Rasheed	19	2
Dr. Mamta	24	2
Dr. Farzana Islam	9	1
Dr. Zakirhusain Shaikh	0	0
Dr. Faheem Ahmed	0	0
Dr. Rashmi Agarwalla	04	1
Dr. Sanjay Gupta	0	0

	Dr. Varsha Singh	0	0																											
23.	Details of patents and income generated:	None																												
24.	Areas of consultancy and income generated:	Organized Training of Refugee Interpreters (Medical Service Providers) working with BOSCO India- UNHCR (United Nations High Commissioner for Refugees) A total of 30 sessions were undertaken, in a span of 10 days covering topics of common ailments and First-Aid. Total Income generated: Rs. 30,000/-																												
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	None																												
26.	Faculty serving in:																													
	(ix) National committees:																													
	<table border="1"> <thead> <tr> <th>S.N</th> <th>Faculty</th> <th>Life Membership/ Fellowship</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>Prof. Rambha Pathak</td> <td>IAPSM/L-3185 IPHA-L/2005/CHD/4158 IAAH/325/2015</td> </tr> <tr> <td>02</td> <td>Prof. I B Sareen</td> <td>IAPSM/L-0679 IPHA-/1997/236 FISCD ISMS – 960006/LM IAOH</td> </tr> <tr> <td>04</td> <td>Dr. Nazish</td> <td>IAPSM/L-2560 IPHA-L/2009/DEL/4874</td> </tr> <tr> <td>05</td> <td>Dr. Mamta</td> <td>IAPSM/L-2237 IPHA-L/2005/DEL/4275 IAAH-DL/327/2015</td> </tr> <tr> <td>06</td> <td>Dr. Farzana Islam</td> <td>IAPSM/L-1730 IPHA-2005/3894 IAAH/328/2015</td> </tr> <tr> <td>07</td> <td>Dr. Zakirhusain Shaikh</td> <td>IAAH/326/2015</td> </tr> <tr> <td>08</td> <td>Dr. Faheem Ahmed</td> <td>IAPSM/L-3499</td> </tr> <tr> <td>09</td> <td>Dr. Rashmi Agarwalla</td> <td>IAPSM/L-3185 IPHA-L/2011/ASS/5823 IAAH/325/2015</td> </tr> </tbody> </table>			S.N	Faculty	Life Membership/ Fellowship	01	Prof. Rambha Pathak	IAPSM/L-3185 IPHA-L/2005/CHD/4158 IAAH/325/2015	02	Prof. I B Sareen	IAPSM/L-0679 IPHA-/1997/236 FISCD ISMS – 960006/LM IAOH	04	Dr. Nazish	IAPSM/L-2560 IPHA-L/2009/DEL/4874	05	Dr. Mamta	IAPSM/L-2237 IPHA-L/2005/DEL/4275 IAAH-DL/327/2015	06	Dr. Farzana Islam	IAPSM/L-1730 IPHA-2005/3894 IAAH/328/2015	07	Dr. Zakirhusain Shaikh	IAAH/326/2015	08	Dr. Faheem Ahmed	IAPSM/L-3499	09	Dr. Rashmi Agarwalla	IAPSM/L-3185 IPHA-L/2011/ASS/5823 IAAH/325/2015
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	(x) International committees - None																													
	(xi) Editorial Boards of journals- None																													
	(xii) Any other (please specify)- None																													
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training																													

programs and similar programs):				
SN	Name of Faculty	Title of Programme	Institute where attend	Duration (Date)
1.	Dr. Rambha Pathak	Accelerating and synchronizing actions of Nourishing Bihar's Children	AIIMS Patna	02 days (08-09 October 2015)
2.	Dr. Rambha Pathak	Hands – on Workshop on Data Analysis	LHMC	2days (04-05 th /12/2015)
3.	Dr. Rambha Pathak	Basic Course Workshop in Medical Education Technologies	HIMSR	03days (16-18/04/2015)
4.	Dr. Rambha Pathak	Workshop on Clinical Research and Bioethics	HIMSR	01day (24/05/2015)
5.	Dr. Rambha Pathak	Development of Model Projects for Management Policy: Health Education, Service and Research	ICMR	02days (28-29/12/2013)
6.	Dr. Rambha Pathak	World Mental Health Week Celebration 2015	HIMSR	07 days (06-12/10/2015)
7.	Dr. Rambha Pathak	Workshop on Written Assessment Techniques	MEU, HIMSR	01 day (20/10/2015)
8.	Dr. Rambha Pathak	CME cum Workshop on “Contraception Update & PPIUCD Insertion Techniques”	HIMSR	01 day (17/10/2015)
9.	Dr. I.B. Sareen	World Mental Health Week Celebration 2015	HIMSR	07 days (06-12/10/2015)
10.	Dr. I.B. Sareen	Zonal Task Workshop on the Involvement of medical Colleges in RNTCP	DOTS, TB Officer	02days (14-15/09/2011)
11.	Dr. Sushovan Roy	World Mental Health Week 2015	HIMSR	07 days (06-12/10/2015)
12.	Dr. Sushovan Roy	Basic Course Workshop in Medical Education Technologies	HIMSR	03days (16-18/04/2015)
13.	Dr. Sushovan Roy	Workshop on Prevention and Control of Vector Borne Diseases	SDMC	01 Day (08/03/2015)
14.	Dr. Sushovan Roy	Workshop on Clinical Research and Bioethics	HIMSR	01 Day (24/02/2015)
15.	Dr. Mohd. Vaseem Ismail	XVI- Quality Improvement	DIPSAR	14 days (21-02/12/2011)

		Programme Sponsored by AICTE		
16.	Dr. Mohd. Vaseem Ismail	Two days' workshop on Recent Advancements In Molecular Modelling and Drug Design	Department of Pharmaceutical Chemistry, Jamia Hamdard	02days (21-22/11/2015)
17.	Dr. Mohd. Vaseem Ismail	Workshop on Patenting Process	Jamia Hamdard	01 day (22/11/2011)
18.	Dr. Nazish Rasheed	Basic Course Workshop in Medical Education Technologies	HIMSR	03days (16-18/04/2015)
19.	Dr. Mamta	Workshop on Clinical Research and Bioethics	HIMSR	01 Day (24/02/2015)
20.	Dr. Mamta	Postpartum contraception- A way to meet the unmet need	HIMSR	1 day (14.3.14)
21.	Dr. Zakirhusain Shaikh	Revised Basic Course Workshop in Medical Education Technologies	MAMC	03 days (22-24/09/2015)
22.	Dr. Zakirhusain Shaikh	Basic Course Workshop in Medical Education Technologies	HIMSR	03 days (16-18/04/2015)
23.	Dr. Zakirhusain Shaikh	Workshop on Clinical Research and Bioethics	HIMSR	01 day (24/02/2015)
24.	Dr. Rashmi Agarwalla	Hands –on Workshop on Data Analysis	Lady Harding Medical College, New Delhi	02 days (06-05/12/2015)
25.	Dr. Rashmi Agarwalla	CME cum Workshop on “Contraception Update & PPIUCD Insertion Techniques”	HIMSR	01 day (17/10/2015)
26.	Dr. Farzana Islam	CME cum Workshop on “Contraception Update & PPIUCD Insertion Techniques”	HIMSR	01 day (17/10/2015)
27.	Dr. Farzana Islam	Workshop on Clinical Research and Bioethics	HIMSR	1 day (24/02/2015)
28.	Dr. Faheem Ahmed	Zonal task force workshop for the involvement of medical colleges in RNTCP	King Georges medical university , Lucknow	02 days(18.11.15-19.11.15)
28	Student projects:	(STS-ICMR Project)		

	Percentage of students who have done in-house projects including inter-departmental projects: Percentage of students doing projects in collaboration with other universities/ industry/institute:	Menstrual hygiene management and school absenteeism among girls of Delhi Ms Aditi Vashist (MBBS 2013), Dr. Rambha Pathak																											
29	Awards /recognitions received at the national and international level by: <ul style="list-style-type: none"> • Faculty: <ul style="list-style-type: none"> ○ Dr. Rambha Pathak- Member, National Academy of Medical Sciences ○ Dr. I B Sareen – Fellow of Indian Public Health Association, Fellow of Indian Society for Malaria and Other Communicable Diseases • Doctoral/Post-doctoral fellows: NA • Students: Mr. Rohan Kapoor <ul style="list-style-type: none"> ○ Gold Medal in MEDSICON 2014, VMMC, Delhi ○ Gold Medal in Empower 2014, Stanley Medical College, Chennai ○ Young Achiever award, VAMSCON 2015, Delhi 																												
30	Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:																												
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31	Code of ethics for research followed by the departments:	Yes As per ICMR Guidelines																											
32	Student profile programme-wise:																												
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33	Diversity of students:	NA																											
34	How many students have cleared Civil Services and	NA																											

	Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:											
35	Student progression:	NA										
36	Diversity of staff:	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2" style="text-align: center;">Percentage of faculty who are graduates</td> </tr> <tr> <td style="text-align: center;">of the same university</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">from other universities within the State</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">from universities from other States</td> <td style="text-align: center;">10</td> </tr> <tr> <td style="text-align: center;">from universities outside the country</td> <td style="text-align: center;">0</td> </tr> </table>	Percentage of faculty who are graduates		of the same university	0	from other universities within the State	2	from universities from other States	10	from universities outside the country	0
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from universities outside the country	0											
37	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	None										
38	Present details of departmental infrastructural facilities with regard to	<ul style="list-style-type: none"> v. Library : 192 books vi. Internet facilities for staff and students: Yes, available through WiFi vii. Total number of classrooms: 1 Demonstration room, apart from 4 shared Lecture Theatres viii. Class rooms with ICT facility: 1+4 ix. Students' laboratories: 1 x. Research laboratories: Yes (one central Research Lab one Departmental Research Lab) 										
39	List of doctoral, post-doctoral students and Research Associates:	None										
40	Number of post graduate students getting financial assistance from the university.	NA										
41	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.	NA										
42	Does the department obtain feedback from:	<p>(i) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes, done by Medical Education Unit and Board of Studies. Department utilizes the feedback through brainstorming sessions.</p> <p>(ii) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes, done by Medical education Unit. The findings are shared with individual faculty members in a confidential manner by HOD and Dean. The insights from the faculty member, vis-à-vis the feedback they have received is also studied by the Medical Education Unit to enhance the process of feedback-evaluation.</p> <p>(iii) Alumni and employers on the programmes offered and how does</p>										

		the department utilize the feedback? NA
43	List the distinguished alumni of the department (maximum 10):	NA
44	Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts:	Special lectures in Clinical Meeting Prof. Rambha Pathak- Evidence based medicine – 18.08.2015
45	List the teaching methods adopted by the faculty for different programmes:	<ul style="list-style-type: none"> • Interactive lectures • Small group discussions/ Tutorials • Seminars • Student presentations • Laboratory Practical's • Demonstrations • Guided visits to institutes of public health importance
46	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?	<ul style="list-style-type: none"> • Through regular Case Discussions • Through Regular Assessment (Formative Assessment and Semester Exams) • Through Displayed Teaching Schedule before hand
47	Highlight the participation of students and faculty in extension activities.	NA
48.	Give details of “beyond syllabus scholarly activities” of the department.	<p>World Diabetes Day 2013 Community Medicine Department of Hamdard Institute of Medical Sciences and Research organized World Diabetes Day celebration on 13th November, 2013 at Rural Health Training Center, Madanpur Khadar. The activities included-</p> <ul style="list-style-type: none"> • Morning walk in the community • Health education talks • Skit on diabetes by MBBS students • Health camp for screening for diabetes <p>World TB Day 2014 Commemoration The departments of Community Medicine and Chest and TB organized a TB Seminar with title of TB in India: past, Present and Future on 25th Mach at HIMSR to commemorate the World TB Day. The activities consisted of</p> <ul style="list-style-type: none"> • e-poster competition amongst students • TB symposium <p>World Health Day 2014 It consisted of following activities-</p> <ul style="list-style-type: none"> • Medical quiz on vector-borne diseases amongst MBBS students • A health-talk on vector-borne diseases and its prevention at community level was delivered • Another health talk on Healthy heart and Diabetes was

		<p>delivered by Dean/ Principal, HIMSR</p> <ul style="list-style-type: none"> • An entertaining and educative skit on vector-borne diseases was presented by BSc Nursing students of Rufaida Nursing School, Jamia Hamdard • Poster exhibition with explanation was presented by students of MSc Nursing from Rufaida Nursing School, Jamia Hamdard <p>World No Tobacco Day 2014 The activities conducted included-</p> <ul style="list-style-type: none"> • Tobacco symposium • Nukkad Natak for hospital OPD patients • Walk for health • E-poster competition <p>World Heart Day 2014 celebration</p> <ul style="list-style-type: none"> • HIMSR, Jamia Hamdard celebrated World Heart Day on September 29th at Urban Health Center, Pul Prahladpur in support of the fight against cardiovascular disease and encouraged community to make heart healthy choices • Activities of the day included- Walk for health, Nukkad Natak, Health Talk, and a Free Heart Camp <p>World Health Day 2015 celebration</p> <ul style="list-style-type: none"> • Poster Competition for MBBS students on the World Health day theme of Food Safety on 6th April, 2015 at HIMSR • School Health Education programme involving health talks and skits by Medical and nursing students, at Rani Jhansi Sarvodaya Kanya Vidyala Railway Colony, Tughlakabad, New Delhi, on 7th April, 2015 • Student Seminar on the theme of Food Safety at HIMSR on 8th April, 2015 • Sensitization workshop for all the food handlers at Jamia Hamdard on 9th April, 2015 <p>World No Tobacco day 2015 celebration</p> <ul style="list-style-type: none"> • Community Awareness programme at RHTC, Madanpur Khadar on 30th May, 2015 • Health talk for Housekeeping and Security Staff at HIMSR on 1st June, 2015 <p>International Yoga Day celebration</p> <ul style="list-style-type: none"> • Yoga Symposium at HIMSR on 20th June, 2015 • Exhibition of various Yogic postures at HIMSR Foyer on 21st June, 2015 • Demonstration of Yogic Postures by experts at HIMSR Foyer on 21st June, 2015 • Online Essay Competition for MBBS Students on Yoga <p>National Nutrition Week (1st – 7th September, 2015)</p> <ul style="list-style-type: none"> • Health Talk, Health Camp and diet demonstration in collaboration with nursing students, at UHTC, Pul Prahladpur • Quiz session among health workers
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		<p>World Heart day celebration</p> <ul style="list-style-type: none"> • Debate Competition amongst medical students on the theme of risk factors for heart diseases on 29th September, 2015 • Guest Lecture on endovascular treatment by Prof. Sanjay Tyagi – 29.9.15
49	State whether the programme/department is accredited/graded by other agencies? If yes, give details:	NAAC
50	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.	Research and Publication Family health advisory programme
51	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:	<p>Strengths</p> <ul style="list-style-type: none"> ○ Proficient faculty with good academic record ○ Implementation of National health programme (RCH) through health centers ○ Publications in high impact journals ○ Two Peripheral health centers under the department helps us in providing comprehensive health care to underserved population of Delhi ○ Continuous revision of the curriculum of the subject by participatory approach to make it need based <p>Weaknesses</p> <ul style="list-style-type: none"> ○ Absence of Extramural funding ○ Rate of research work and publication is slow since most of the time is spent in establishment of institution and in other administrative work. <p>Opportunities</p> <ul style="list-style-type: none"> ○ Integrated teaching and learning method ○ Work with external agency <p>Challenges</p> <ul style="list-style-type: none"> ○ Implementation of major National health programme ○ Funds from external agency
52.	Future plans of the department:	<ul style="list-style-type: none"> ○ Development and establishment of postgraduate courses and research are under consideration ○ Implementation of Major National Health Programme by Government of India

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	DEPARTMENT OF DENTISTRY				
2.	Year of establishment:	2011				
3.	Is the Department part of a School/Faculty of the university?	Yes HIMSR, Jamia Hamdard				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	UG MBBS				
5.	Interdisciplinary programmes and departments involved:	BSc (College of Nursing), Jamia Hamdard				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	Nil				
7.	Details of programmes discontinued, if any, with reasons:	Nil				
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Annual, Semester as per MCI Guidelines				
9.	Participation of the department in the courses offered by other departments:	Teaching BSc Nursing Students (College of Nursing), Jamia Hamdard				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sancti oned	Fill ed	Actual (includin g CAS & MPS)	
		Professor	1	1	1	
		Associate Professors	1	1	1	
		Assistant Professors/ Lecturer	1	1	1	
		Others	---	---	---	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Dr. A.K. Kapoor	Professor	MDS	ORTHODONTICS	38 years	nil
	Dr. Nilima Sharma	Associate Profesor	MDS	PERIODONTICS	8years 4 months	nil
	Dr. Akbar Naqvi	Lecturer	MDS	PERIODONTICS	11 months	nil
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	NIL				

13.	Percentage of classes taken by temporary faculty – programme-wise information:	NA		
14.	Programme-wise Student Teacher Ratio:	PROGRAMME	Student teacher ratio	
		Clinical Teaching	3:1	
		Lecture	3:1	
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation	Sanctioned	Filled/ actual
		Nursing Attendant	1	01
16.	Research thrust areas as recognized by major funding agencies:	Effect of Tobacco on cardiovascular and dental health. Efficacy of natural products such as curcumin and piperine in treatment of precancerous conditions. Periodontal health status of construction site workers.		
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: NIL	Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure
				Grant received
18.	Inter-institutional collaborative projects and associated grants received:	NA		
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	NA		
20.	Research facility/centre with:	NIL		
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	None		
22.	Publications: (last 5 years):	04		
	<ul style="list-style-type: none"> • Number of paper published in peer reviewed journals(national/international): 4 • Monographs: NIL • Chapters in books: NIL • Edited books: NIL • Books with ISBN details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers):NIL <p>Publications:</p> <ol style="list-style-type: none"> 1. N Sharma, A Sharma, M Pujani, S Kohli. (2015) An unusual focus of extra pulmonary tuberculosis International Journal Of Advances In Medicine . 2(4): 429-432. Print ISSN 2349-3925 Online ISSN 2349-3933 2. N Sharma, A Sharma Buccal mucosal hypertrophy secondary to open bite.(2015) Contemporary 			

	<p>Clinical Dentistry 6 (2): 262-265. ISSN: 0976-237X</p> <p>3. S S Oberoi, N Sharma, V Mohanty, C M Marya, A Rekhi, A Oberoi (2014) Knowledge and Attitude of faculty members working in Dental Institutions towards the dental treatment of patients with HIV/AIDS. International Scholarly Research Notices. ISSN: 2356-7872</p> <p>4. S S Oberoi, C M Marya, N Sharma, V Mohanty, M Marwah and A Oberoi. Knowledge and Attitude of Indian clinical dental students towards the dental treatment of patients with HIV/AIDS. (2014) International Dental Journal. 64:324-332. ISSN: 1875-595X IF: 1.259</p> <p>Citation and H –Index: Google Scholar</p> <table border="1"> <thead> <tr> <th>Name of the Faculty</th> <th>Citations</th> <th>h-index</th> </tr> </thead> <tbody> <tr> <td>Dr. A.K.Kapoor</td> <td>0</td> <td>0</td> </tr> <tr> <td>Dr. Nilima Sharma</td> <td>1</td> <td>1</td> </tr> <tr> <td>Dr. Akbar Naqvi</td> <td>0</td> <td>0</td> </tr> </tbody> </table>				Name of the Faculty	Citations	h-index	Dr. A.K.Kapoor	0	0	Dr. Nilima Sharma	1	1	Dr. Akbar Naqvi	0	0
Name of the Faculty	Citations	h-index														
Dr. A.K.Kapoor	0	0														
Dr. Nilima Sharma	1	1														
Dr. Akbar Naqvi	0	0														
23.	Details of patents and income generated:	NIL														
24.	Areas of consultancy and income generated:	N/A														
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	NIL														
26.	<p>Faculty serving in: NIL</p> <p>(xiii) National committees: (xiv) International committees (xv) Editorial Boards of journals (xvi) any other (please specify)</p> <p><u>Membership of Professional Societies</u> Dr. Nilima Sharma (i) Fellow of College of Dental Practitioners (India)</p>															
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):															
	Name of faculty member	Title of programme	Institution where attended	Duration (dates)												
	Dr. Nilima Sharma	Workshop On Teaching Methodology	HIMSR	30 TH July												
	Dr. Nilima Sharma	Changing Dimensions In e Resources	India habitat centre	24 th September, 2012												
	Dr. Nilima Sharma	Basic Course Workshop In Medical Education Technologies	HIMSR	16 th , 17 th , 18 th April 2015												
	Dr. Nilima Sharma	Workshop On Written Assessment	HIMSR	20 th October 2015												

		Techniques					
28.	Student projects:			<ul style="list-style-type: none"> percentage of students who have done in-house projects including inter-departmental projects: NIL Percentage of students doing projects in collaboration with other universities/industry/institute : NIL 			
29.	Awards / recognitions received at the national and international level by :						
	Faculty:						
	S. No.	Faculty	Award/Regognition			Year	
	1.	Dr. Nilima Sharma	Special award of appreciation for oral hygiene day India celebration at the 40 th annual conference Indian Society of Periodontology , Hydearabad			2015	
	2.	Dr. Nilima Sharma	Special award of appreciation for oral hygiene day India celebration at the 39 th annual conference Indian Society of Periodontology , Jaipur			2014	
	3	Dr. Nilima Sharma	Special award of appreciation for oral hygiene day India celebration at the 38 th annual conference Indian Society of Periodontology , Kochi			2013	
30.	Seminars/ conferences /workshops organized and the source of funding(national/international)with details of outstanding participants , if any: NIL						
31.	Code of ethics for research followed by the departments:			(i)Jamia Hamdard Institution Ethical Committee Clearance, (ii)Registration of Clinical Trials With the Clinical Trial Registry of India			
32.	Student profile programme-wise: N/A						
	S. No.	Name of the Programme	Year	Application Received	Total No. of Student		Pass Percentage (%)
					Male	Female	
33.	Diversity of students: N/A						
	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries		
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:			NIL			
35.	Student progression: NA						
	Student progression			Percentage against enrolled			

	<table border="1"> <tr> <td>UG to PG</td> <td></td> </tr> <tr> <td>PG to M.Phil.</td> <td></td> </tr> <tr> <td>PG to Ph.D.</td> <td></td> </tr> <tr> <td>Ph.D. to Post-Doctoral</td> <td></td> </tr> <tr> <td>Employed</td> <td></td> </tr> <tr> <td> <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment </td> <td></td> </tr> <tr> <td>Entrepreneurs</td> <td>--</td> </tr> </table>	UG to PG		PG to M.Phil.		PG to Ph.D.		Ph.D. to Post-Doctoral		Employed		<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 		Entrepreneurs	--
UG to PG															
PG to M.Phil.															
PG to Ph.D.															
Ph.D. to Post-Doctoral															
Employed															
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 															
Entrepreneurs	--														
36.	Diversity of staff: <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>Percentage of faculty who are graduates</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>of the same university</td> <td>0%</td> </tr> <tr> <td>from other universities within the State</td> <td>0%</td> </tr> <tr> <td>from universities from other States</td> <td>100%</td> </tr> <tr> <td>from universities outside the country</td> <td>Nil</td> </tr> </tbody> </table>	Percentage of faculty who are graduates	%	of the same university	0%	from other universities within the State	0%	from universities from other States	100%	from universities outside the country	Nil				
Percentage of faculty who are graduates	%														
of the same university	0%														
from other universities within the State	0%														
from universities from other States	100%														
from universities outside the country	Nil														
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	NIL													
38.	Present details of departmental infrastructural facilities with regard to: <p>(i) Library:</p> <p>(ii) Internet facilities for staff and students</p> <p>(iii) Total number of class rooms:</p> <p>(iv) Class rooms with ICT facility:</p> <p>(v) Students' laboratories :</p> <p>(vi) Research laboratories :</p>	<p>Using HIMSR Central Library Facility Yes</p> <p>4 Lecture Theatres, 1 Demonstration room</p> <p>Yes</p> <p>Yes</p> <p>YES HIMSR Central Research Laboratory</p>													
39.	List of doctoral, post-doctoral students and Research Associates:	<p>(ii) from the host institution/university NIL</p>													
40.	Number of post graduate students getting financial assistance from the university.:	NIL													
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	NA													
42.	Does the department obtain feedback from: <p>(i) Faculty on curriculum as well as teaching-learning</p>	<p>YES</p> <p>Yes, incorporation of teaching methodologies</p>													

	<p>evaluation?if yes how does the department utilize the feedback?</p> <p>(ii) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</p> <p>(iii) Alumni and employers on the programmes offered and how does the department utilize the feedback?</p>	<p>suggested by faculty.</p> <p>Yes, Strengthening the modes of teaching as preferred by the students.</p> <p>No</p>
43.	List the distinguished alumni of the department (maximum 10): NIL	
44.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	NIL
45.	List the teaching methods adopted by the faculty for different programmes.:	<ul style="list-style-type: none"> • Chalk and Board. • Power Point Presentation • Interactive Teaching, Lectures, • Chair side Teaching, Case discussions
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	Clinical posting end viva voice.
47.	Highlight the participation of students and faculty in extension activities.	Organizing and conducting Dental Camps, Nukkad Nataks demonstrating common dental ailments, myths and fallacies associated with dental treatment. 24 th Jan 2016, 31 st July & 1 st august 2015, 15 th March 2015, 1 st August 2014, 13 th April 2014, 1 st august 2013
48.	Give details of “beyond syllabus scholarly activities” of the department.	Active participation in intercollege debate programmes
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details.:	Yes, MCI
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	Clinical meet presentations, Case discussions, Conferences
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	<p>Strengths</p> <ol style="list-style-type: none"> 1. Dedicated staff 2. Prompt clinical intervention 3. Less waiting time of patients 4. Appointment depending on patient’s convenience 5. Proper infection control <p>Weaknesses</p> <ol style="list-style-type: none"> 1. Lack of adequate number of dental chair 2. In the clinic xray facility not available

		<p>Opportunities</p> <ol style="list-style-type: none"> 1. Variety of clinical material 2. Interdisciplinary approach applied in treatment 3. Lab investigations easily done in the hospital set up. <p>Challenges</p> <ol style="list-style-type: none"> 1. Motivation of the lower socioeconomic strata to the importance of oral health and to undergo treatment.
52.	Future plans of the department.:	<ol style="list-style-type: none"> 1. Expansion of the department with installation of greater number of dental chairs. 2. Incorporation of dental implants in the treatment plan 3. establishment of in the clinic xray facility

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	DERMATOLOGY, VENEREOLOGY AND LEPROSY			
2.	Year of establishment:	2011			
3.	Is the Department part of a School/Faculty of the university?	Yes, HIMSR, Jamia Hamadard			
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	MBBS			
5.	Interdisciplinary programmes and departments involved:	-Department of Rehabilitation Sciences: <ul style="list-style-type: none"> • BOT • BPT 			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NIL			
7.	Details of programmes discontinued, if any, with reasons:	NIL			
8.	Examination System: Annual/Semester/Trimester/ Choice Based Credit System:	Professional examination system as per MCI guidelines			
9.	Participation of the department in the courses offered by other departments:	YES, Department of Rehabilitation Sciences:			
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)
		Professor	NIL	NIL	NIL
		Associate Professors	1	1	01
		Assistant Professors	2	2	02
		Senior Resident/ Demonstrators	1	1	1
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:				
	Name	Qualification	Designation	Specialization	No. of Years of Experience

						last 5 years
	AVINASH KUMAR	MBBS, MD, PhD, DDSc (UK)	Associate Professor	Dermatology , venereology, leprology	36 years (10.3 years)	Nil
	MUKESH MANJHI	MBBS, MD	Assistant Professor	Dermatology , venereology, leprology Hair transplantation, trichology, pediatric dermatology	6 years	Nil
	MANOJ KUMAR AGARWALA	MBBS, MD, Fellow Lasers & Aesthetic (Lucknow)	Assistant Professor	Dermatology , venereology, leprology - Vitiligo surgeries and Genetic skin diseases, DermatoEndocrinology	4 years 9 month	Nil
	MANISHA CHANDELA	M.D, DDVL	Senior Resident/ Demonstrator	Dermatology , venereology, leprology, Vitiligo surgeries, Lasers, Chemical peels	3.6years	Nil
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	NIL				
13.	Percentage of classes taken by temporary faculty – programme-wise information:	NIL,NA				
14.	Programme-wise Student Teacher Ratio:		Programme	Student teacher ratio		
			MBBS	3:1		
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation	Sanctioned	Filled/actual		
		Technical staff	1	1		
16.	Research thrust areas as recognized by major funding agencies:	iii. ANTIFUNGAL RESISTANCE iv. ANTIMICROBIAL RESISTANCE IN ACNE				
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants					

received project-wise.:																			
	Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure	Grant received															
	Nil	Nil	NA	NA															
18.	Inter-institutional collaborative projects and associated grants received:	NONE																	
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	NIL																	
20.	Research facility/centre with:	Nil																	
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	None																	
22.	Publications: (last 5 years):	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): None • Monographs : None • Edited Books: None • Chapters: None • Books : None • Citations and h index: <table border="1" data-bbox="422 1239 1510 1417"> <thead> <tr> <th><u>author</u></th> <th><u>citations</u></th> <th><u>h index</u></th> </tr> </thead> <tbody> <tr> <td><u>Dr Avinash Kumar</u></td> <td><u>0</u></td> <td><u>0</u></td> </tr> <tr> <td><u>Dr Mukesh Manjhi</u></td> <td><u>23</u></td> <td><u>2</u></td> </tr> <tr> <td><u>Dr Manoj Kumar Agarwala</u></td> <td><u>9</u></td> <td><u>2</u></td> </tr> <tr> <td><u>Dr Manisha Chandela</u></td> <td><u>0</u></td> <td><u>0</u></td> </tr> </tbody> </table>			<u>author</u>	<u>citations</u>	<u>h index</u>	<u>Dr Avinash Kumar</u>	<u>0</u>	<u>0</u>	<u>Dr Mukesh Manjhi</u>	<u>23</u>	<u>2</u>	<u>Dr Manoj Kumar Agarwala</u>	<u>9</u>	<u>2</u>	<u>Dr Manisha Chandela</u>	<u>0</u>	<u>0</u>
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<u>Dr Mukesh Manjhi</u>	<u>23</u>	<u>2</u>																	
<u>Dr Manoj Kumar Agarwala</u>	<u>9</u>	<u>2</u>																	
<u>Dr Manisha Chandela</u>	<u>0</u>	<u>0</u>																	
23.	Details of patents and income generated:	None																	
24.	Areas of consultancy and income generated:	NIL																	
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad:	NIL																	
26.	Faculty serving in:																		

(xvii) National committees:				
S.N	Faculty	Life Membership/ Fellowship		
01	Dr Avinash Kumar	ACSI-2005 IASSTD-LM-525		
02	Dr Mukesh Manjhi	NSI-042		
03	Dr Manoj Kumar Agarwala	CDS-LM IADVL-LM/TN/6908		
04	Dr.Manisha Chandela	CDS-LM		
<p>ACSI-Association of Cutaneous Surgeons of India IASSTD-Indian Association for Studies in Sexually Transmitted Diseases NSI-Nail Society of India CDSI-Cosmetic Dermatology Society of India IADVL-Indian Academy of Dermatology, Venereology and Leprology</p>				
(xviii) International committees				
S.N	Faculty	Membership/ Fellowship		
01	Dr Manoj Kumar Aggarwala	ISD-M		
ISD- International Society of Dermatology				
(xix) Editorial Boards of journals: NONE				
(xx) any other (please specify) NONE				
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):			
	Name of faculty member	Title of programme	Institution where attended	Duration (dates)
	DR MANOJ KUMAR AGARWALA	Faculty for the Capacity Building Program for Rural Medical Assistants (RMA) from Chhattisgarh	Rural Unit for Health and Social Affairs (RUHSA) department of CMC Vellore	09.02.2015 to 22.02.2015
28.	Student projects:	NIL AT THIS STAGE		
29.	Awards /recognitions received at the national and international level by:			
	<ul style="list-style-type: none"> Faculty 			
	S. No	Faculty	Award/Recognition	Year
	1	DR MANOJ KUMAR AGARWALA	1. IADVL Training Fellowships-2015 for Lasers and Aesthetics at Lucknow 2. 1 st prize in Quiz Program conducted by Department of Dermatology, Venereology and Leprosy, CMC Vellore during 1 st Annual CME: ‘An update in	2015

			<p>Dermatology for Postgraduates’ on 04th-05th October 2013</p> <p>2013</p> <p>3. Young Investigator Award” 2013 at 10th Annual Int'l PC Consortium (IPCC) Research Symposium, 14th-17th February 2013, Salt Lake City, Utah, USA</p> <p>4. Best e-poster titled on “Atrophie Blanche in Lymphoplasmacytic Lymphoma” at the 41st National Conference of Indian Association of Dermatologists, Venereologists & Leprologists, 25th-27th January 2013, Ahmedabad</p> <p>2013</p> <p>5. 1st prize in Dr. H.C. Mohanty quiz competition held on November 3, 2012 during the 36th National Conference of the Indian Association for the Study of Sexually Transmitted Diseases and AIDS, November 02nd -04th 2012, Kochi</p> <p>2012</p>		
30.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:				
	Title Seminars/Conferences/Workshops	Dates	No. of participants	Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme)	
	NIL				
31.	Code of ethics for research followed by the departments:	Yes, As per ICMR guidelines			
32.	Student profile programme-wise:				
	Name of the Programme	Applications received	Selected		Pass percentage
			Male	Female	
	MBBS(2012)	2997	36	64	96.34%
	MBBS(2013)	4332	64	36	NA
	MBBS(2014)	5698	51	49	NA
	MBBS(2015)	8000	60	40	NA
33.	Diversity of students: NA				

34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	NA										
35.	Student progression: NA											
36.	Diversity of staff:											
	<table border="1"> <thead> <tr> <th data-bbox="347 516 1094 550">Percentage of faculty who are graduates</th> <th data-bbox="1094 516 1495 550">%</th> </tr> </thead> <tbody> <tr> <td data-bbox="347 550 1094 583">of the same university</td> <td data-bbox="1094 550 1495 583">0</td> </tr> <tr> <td data-bbox="347 583 1094 617">from other universities within the State</td> <td data-bbox="1094 583 1495 617">33.5</td> </tr> <tr> <td data-bbox="347 617 1094 651">from universities from other States</td> <td data-bbox="1094 617 1495 651">66.5</td> </tr> <tr> <td data-bbox="347 651 1094 690">from universities outside the country</td> <td data-bbox="1094 651 1495 690">NIL</td> </tr> </tbody> </table>	Percentage of faculty who are graduates	%	of the same university	0	from other universities within the State	33.5	from universities from other States	66.5	from universities outside the country	NIL	
Percentage of faculty who are graduates	%											
of the same university	0											
from other universities within the State	33.5											
from universities from other States	66.5											
from universities outside the country	NIL											
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	Nil										
38.	Present details of departmental infrastructural facilities with regard to	<ul style="list-style-type: none"> a. Library - 80 b. internet facilities for staff and students: available c. total number of class rooms : 1 demonstration room & 4 shared LTs, d. class room with ICT facility: yes e. student lab: nil f. central research laboratory 										
39.	List of doctoral, post-doctoral students and Research Associates:	Nil										
40.	Number of post graduate students getting financial assistance from the university.:	NA										
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	NA										
42.	Does the department obtain feedback from: (i) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? (ii) Students on staff, curriculum and teaching-	Yes, done by Medical Education Unit and Board of Studies. Department utilizes the feedback through brainstorming sessions. Yes, done by Medical education Unit. The findings are shared with individual faculty members in a confidential manner by HOD and Dean. The insights from the faculty member, vis-à-vis the feedback they have received is also studied by the Medical Education Unit to enhance the process of feedback-evaluation.										

	<p>learning-evaluation and how does the department utilize the feedback? (iii) Alumni and employers on the programmes offered and how does the department utilize the feedback?</p>	NA
43.	<p>List the distinguished alumni of the department (maximum 10):</p> <p>Distinguished Alumni</p> <p>NA</p>	
44.	<p>Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:</p>	NIL
45.	<p>List the teaching methods adopted by the faculty for different programmes.:</p>	<ul style="list-style-type: none"> • Chalk and Board. • Power Point Presentation • OHP Presentation • Audio-Visual aids (videos on subject related topics) • Group Discussion Method • Interactive Teaching
46.	<p>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:</p>	<ul style="list-style-type: none"> • Regular Internal Assessment test • Regular interaction with students to discuss and review. • Regular department meetings of faculty
47.	<p>Highlight the participation of students and faculty in extension activities.</p>	Nil at present
48.	<p>Give details of “beyond syllabus scholarly activities” of the department.</p>	Nil at present
49.	<p>State whether the programme/department is accredited/graded by other agencies? If yes, give details.:</p>	MCI (Medical Council Of INDIA)
50.	<p>Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:</p>	Research & Publications
51.	<p>Detail five major Strengths, Weaknesses, Opportunities</p>	Strengths

	<p>and Challenges (SWOC) of the department.:</p>	<p>15. Qualified Faculty 16. Research Initiatives</p> <p>Weaknesses Growing department</p> <p>Opportunities 6. Interdisciplinary collaboration & teaching 7. Good patient turn over in OPD</p> <p>Challenges 10. Exposure to the upcoming dermato-surgical procedures 11. Constant updating in modern teaching methodologies</p>
<p>52.</p>	<p>Future plans of the department.:</p>	<p>8. Setting up special clinics for vitiligo, allergy, leprosy, psoriasis. 9. To start the post graduate programmes</p>

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	EAR NOSE AND THROAT				
2.	Year of establishment:	2011				
3.	Is the Department part of a School/Faculty of the university?	Yes, Faculty of Medicine, HIMSR				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	IV. MBBS				
5.	Interdisciplinary programmes and departments involved:	BPT, BOT, Nursing				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA				
7.	Details of programmes discontinued, if any, with reasons:	NA				
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	Annual and semester system as per MCI				
9.	Participation of the department in the courses offered by other departments:	Paramedical Sciences, Nursing, Rehabilitation				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor	01	01	01	
		Associate Professors	01	01	01	
		Assistant Professors	01	0	0	
		Others - Lecturer	Nil	02	02	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Dr Sudhir Bahadur	MBBS, MS, Ph.D	Professor	ENT	32 years	
	Dr Seema Monga	MBBS, MS	Assoc. Prof	ENT	7 years 2	

					months	
	Dr Arun Parkash Sharma	MBBS, MS	Lecturer	ENT	7 years	
	Dr Junaid Nasim Malik	MBBS, DNB	Lecturer	ENT	3 yrs 9 months	
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	NIL				
13.	Percentage of classes taken by temporary faculty – programme-wise information:	NA				
14.	Programme-wise Student Teacher Ratio:		Programme	Student teacher ratio		
			MBBS	3:1		
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation	Sanctioned	Filled/actual		
		Audiologist	01	01		
		Attendant	01	01		
16.	Research thrust areas as recognized by major funding agencies:	Allergic Rhinitis, Hypothyroidism in Head neck cancer, Tuberculosis in ENT				
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:	Nil				
18.	Inter-institutional collaborative projects and associated grants received:	Nil				
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	Nil				
20.	Research facility/centre with:	NA				
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	NA				
22.	Publications: (last 5 years):	<ol style="list-style-type: none"> 1. Number of papers published in peer reviewed journals (national / international): 6 2. Monographs:- Nil 3. Chapters in Books:- Nil 4. Edited Books:-Nil 5. Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers):- Nil 				

	<p>Publications: Year: 2015</p> <ol style="list-style-type: none"> 1. Malik JN, Jan S, Monga S, Bahadur S. Sinonasal tuberculosis: Report of three atypical cases. Indian journal tuberculosis 2015 (accepted) ISSN: 0019-5707 <p>Year: 2014</p> <ol style="list-style-type: none"> 2. Monga S, Malik JN, Sharma AP, Jan S. Acute tubercular abscess of the larynx: an unusual presentation. Acta Otorrinolaringológica Española. ISSN: 2173-5735 3. Rana S, Monga S, Khan S, Khetrapal S, Jetley S. Tubercular abscess of the lower lip: a rare case of mistaken identity. Our Dermatology Online. 2014; 5(2): 169-71. ISSN:2081-9390 (Print) <p>Year: 2013</p> <ol style="list-style-type: none"> 4. Monga S, Malik JN, Sharma AP, Jetley S. Sporadic Burkitt’s lymphoma of the parapharyngeal space in an immunocompetent adult Indian male. Indian Journal of Medical Specialities2013; 5(1). ISSN: 0976-2884 5. Monga S, Malik JN, Sharma, Sharma AP. Schwannoma Tongue. Journal of case reports 2013; 3(2); 220-222. ISSN No: 2231-6809 6. Monga S, Malik JN, Sharma AP, Jetley S .Diagnostic dilemma of polymorphous low grade adenocarcinoma: review and case report of hard palate. Journal of case reports2014; 4(1); 91-94. ISSN No: 2231-6809 <p><u>Book/ Chapter</u> Nil</p> <p>Citation And H-index: (Google Search)</p> <table border="1" data-bbox="337 1066 1481 1255"> <thead> <tr> <th>Name of the Faculty</th> <th>Citations</th> <th>h-index</th> </tr> </thead> <tbody> <tr> <td>Prof. Sudhir Bahadur</td> <td>653</td> <td>14</td> </tr> <tr> <td>Dr Seema Monga</td> <td>0</td> <td>0</td> </tr> <tr> <td>Dr Arun Parkash Sharma</td> <td>0</td> <td>0</td> </tr> <tr> <td>Dr Junaid Nasim Malik</td> <td>08</td> <td>01</td> </tr> </tbody> </table>	Name of the Faculty	Citations	h-index	Prof. Sudhir Bahadur	653	14	Dr Seema Monga	0	0	Dr Arun Parkash Sharma	0	0	Dr Junaid Nasim Malik	08	01
Name of the Faculty	Citations	h-index														
Prof. Sudhir Bahadur	653	14														
Dr Seema Monga	0	0														
Dr Arun Parkash Sharma	0	0														
Dr Junaid Nasim Malik	08	01														
23.	<p>Details of patents and income generated: None</p>															
24.	<p>Areas of consultancy and income generated: None</p>															
25.	<p>Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad: None</p>															
26.	<p>Faculty serving in:</p> <ul style="list-style-type: none"> (xxi) National committees: (xxii) International committees (xxiii) Editorial Boards of journals (xxiv) any other (please specify) <p><u>Life Member</u> : Dr Seema Monga- Association Of Otolaryngologists of India</p>															
27.	<p>Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs): Nil</p> <table border="1" data-bbox="365 1902 1481 1934"> <thead> <tr> <th>Name of faculty</th> <th>Title of programme</th> <th>Institution</th> <th>Duration (dates)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name of faculty	Title of programme	Institution	Duration (dates)											
Name of faculty	Title of programme	Institution	Duration (dates)													

	member		where attended
28.	Student projects:	One	
29.	Awards/recognitions received at the national and international level by: None		
30.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:		
	Title Seminars/Conferences/ Workshops	Dates	No. of participants
			Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme)
	WORKSHOPS		
	Teaching Workshop(CME) Head and Neck Oncology: LARYNX AND HYPOPHARYNX	15 th Nov' 2014	75 Dr Alok Thakar Dr B. K. Mohanti Dr Deepak Sareen Dr P K Julka Dr S. Hukku
	Teaching Workshop(CME) Head and Neck Oncology: CARCINOMA OF ORAL CAVITY AND OROPHARYNX	21 st March'2015	50 Dr Anil D'Cruz Dr D Ghosh Dr Deepak Sareen Dr. Ajit Nilkanttan
31.	Code of ethics for research followed by the departments:	Yes	
32.	Student profile programme-wise: 1: 3		
33.	Diversity of students: NA		
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	NA	
35.	Student progression: NA		
36.	Diversity of staff:		
	Percentage of faculty who are graduates		
	of the same university		
	from other universities within the State	25%	
	from universities from other States	75%	
	from universities outside the country		
37.	Number of faculty who		

	were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	
38.	Present details of departmental infrastructural facilities with regard to	(i) Library YES (ii) Internet facilities for staff and students YES (iii) Total number of class rooms – 4 Lecture theatres + Demo rooms (iv) Class rooms with ICT facility – Yes (v) Students’ laboratories- No (vi) Research laboratories YES
39.	List of doctoral, post-doctoral students and Research Associates:	None
40.	Number of post graduate students getting financial assistance from the university.:	None
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	Board of studies conducted
42.	Does the department obtain feedback from:	Yes
43.	List the distinguished alumni of the department (maximum 10):	NA
44.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	NA
45.	List the teaching methods adopted by the faculty for different programmes.:	Seminars, workshops, lectures
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	Periodic assessment
47.	Highlight the participation of students and faculty in extension activities.	Participated in Swach Bharat Abhiyaan (02 October & 14 November)
48.	Give details of “beyond syllabus scholarly activities” of the department.	None
49.	State whether the programme/department is accredited/graded by other	MCI

	agencies? If yes, give details.:	
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	Conducting journal clubs
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	<p>Strengths</p> <p>17. Outstanding Faculty 18. collaborative research 19. Publications in journals</p> <p>Weaknesses</p> <p>8. Lack of fund for research. 9. Lack of international exposure 10. No clerical staff</p> <p>Opportunities</p> <p>8. Interdisciplinary teaching and research 9. Staying in Delhi 10. Good opportunity for attending to rural areas</p> <p>Challenges</p> <p>12. Lack of fund for conducting International conferences</p>
52.	Future plans of the department.:	<p>10. Starting Laser assisted surgery in Head & neck oncology 11. Cochlear implant programme</p>

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	FORENSIC MEDICINE			
2.	Year of establishment:	2011			
3.	Is the Department part of a School/Faculty of the university?	Yes, HIMSR			
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	MBBS			
5.	Interdisciplinary programmes and departments involved:	NA			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA			
7.	Details of programmes discontinued, if any, with reasons:	NA			
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Professional exams are held as per MCI guidelines.			
9.	Participation of the department in the courses offered by other departments:	None			
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)
Professor		1	1	1	
Associate Professors		1	1	1	
Assistant Professors		0	0	0	
Others (Demonstrators)		2	2	2	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:				

	Name	Qualification	Designation	Specialization	Years of Experience	No. of Ph.D./M. Phil. students guided for the last 5 years
	Dr P C Dikshit	MBBS, MD	Professor & Head	Forensic Medicine	40	None
	Dr Amit Sharma	MBBS, MD	Associate Professor	Forensic Medicine	10	None
	Dr Shahina	MBBS MD	Demonstrator	Forensic Medicine	3	None
	Dr Zenis	MBBS	Demonstrator	Forensic Medicine	2	None
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		NIL			
13.	Percentage of classes taken by temporary faculty – programme-wise information:		NA			
14.	Programme-wise Student Teacher Ratio:		Programme	Student teacher ratio		
			MBBS	3:1		
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		Designation	Sanctioned	Filled/actual	
			Lab Attendant	2	2	
16.	Research thrust areas as recognized by major funding agencies:		<ol style="list-style-type: none"> 1. Toxicology; 2. Forensic psychiatry; 3. Serology. 			
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: NONE					
18.	Inter-institutional collaborative projects and associated grants received:		None			
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):		Nil			
20.	Research facility/centre with:		<ol style="list-style-type: none"> 1) Histopathology lab. 2) Anthropology lab. 3) Serology lab. 4) Undergraduate lab. 			
21.	Special research laboratories sponsored		None			

	by/created by industry or corporate bodies:					
22.	Publications: (last 5 years):	<p>1) Number of papers published in peer reviewed journals (national / international): 8 2) Monographs: Nil 3) Chapters in Books: Nil 4) Edited Books: Nil 5) Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers): 1</p> <p>Publications:</p> <ol style="list-style-type: none"> 1. Pasi S, Singh K, Pandey RK, Dikshit PC, Jiloha RC, Rao VR. Evaluation of psychiatric and genetic risk factors among primary relatives of suicide completers in delhi NCR region India. <i>Psychiatry research</i>.VOL 229 (3) OCT 2015:933-939. ISSN: 2. Sharma A. Rickshaw scarf strangulation. <i>Med Leg J</i>, June 2015 83: 109-10. Print ISSN: 0025-8172; Online ISSN: 2042-1834 1. Ozair F F, Jamshed N , Sharma A , Aggarwal P. Ethical issues in electronic health records: A general overview. <i>Perspectives in Clinical Research</i> 2015; 6 (2): 73-6. ISSN: 2229-3485. 2. Sharma A, Baluja Z. Therapeutic Effects of Glycine Max (Soybean): A Summary. <i>International Journal of Research in Pharmacy and Biosciences</i>.2015; 2: 22-7. P ISSN: 2394-5885; online ISSN: 2394-5893. 3. Dwivedi S, Sharma A, Baluja Z. Paan (piper betle) at food fest – the troika of occupational environmental and public health hazard. <i>Ijbpas</i>. 2014; 3(4):601-4. Issn no: 2277-4998 4. Sharma A. Progressive neuropathy after local application of traditional medicinal agent: A Case report. <i>American Journal of Advances in Medical Science</i>. 2014; 2(4): 60-62. eISSN: 2347 -2766 ; pISSN: 2454-9061 5. Sharma A. UPPER LIMB SEVERING CAUSED BY BULL ATTACK: A CASE REPORT. <i>International Journal of Medical Toxicology & Legal Medicine</i>.2013; 16(1): 8-9. ISSN 0972-0448. Online ISSN 0974-4614 6. Sharma A, Dikshit PC, Basran S S. Fatal uterine perforation by intrauterine contraceptive device – A case report and review of literature. <i>Medicolegal Update</i>.2012;12(1): 44-5. ISSN 0971-720X 7. Sharma A. Role of Telemedicine in medical informatics education. Basic concepts and course development. <i>Journal of Research in Medical Education & Ethics</i>. 2011;1 (2): 87-90. Print ISSN: 2231-671X Online ISSN: 2231-6728. <p>Publications in press:</p> <ol style="list-style-type: none"> 1. Dikshit PC. Epidemiology of burn fatalities in relation to various socio-economic factors/ Indian journal of forensic medicine and toxicology. 2. Dikshit PC. Forensic importance of bite marks: an overview/ medicolegal update. 3. Sharma A. Carbon monoxide poisoning in our homes- report of two survivors from north India/ medico-legal journal <p>Paper/ poster presented in conferences:</p> <table border="1" data-bbox="435 1791 1528 1923"> <tr> <td data-bbox="435 1791 691 1829">Faculty</td> <td data-bbox="691 1791 1528 1829">Paper/ poster presented in conferences:</td> </tr> <tr> <td data-bbox="435 1829 691 1923">Dr. P C Dikshit</td> <td data-bbox="691 1829 1528 1923"> 1) International Conference: 6TH INTERNATIONAL CONFERENCE. on Legal Medicine, Medical Negligence & Litigation in Medical Practice, Held at </td> </tr> </table>	Faculty	Paper/ poster presented in conferences:	Dr. P C Dikshit	1) International Conference: 6 TH INTERNATIONAL CONFERENCE. on Legal Medicine, Medical Negligence & Litigation in Medical Practice, Held at
Faculty	Paper/ poster presented in conferences:					
Dr. P C Dikshit	1) International Conference: 6 TH INTERNATIONAL CONFERENCE. on Legal Medicine, Medical Negligence & Litigation in Medical Practice, Held at					

			<p>Khajuraho from 26-28 Feb 2015.</p> <ol style="list-style-type: none"> a. Delivered the inaugural address. b. Presented paper on-: <ul style="list-style-type: none"> • Forensic importance of bite marks: An overview and • Epidemiology of poisoning cases in south east Delhi. <p>2) 5TH INTERNATIONAL CONFERENCE on Legal Medicine, Medical Negligence & Litigation in Medical Practice, Held at GOA from 25-27 Feb 2014.</p> <ol style="list-style-type: none"> a. Chaired a session on Law and Sexual Jurisprudence b. Presented a paper on- Multidimensional definition of genital injuries patterns in sexual assault cases. <p>2) National Conference:</p> <ol style="list-style-type: none"> I. Oral Presentation: Postmortem diagnosis in cases of sudden cardiac death in ISARCON 2015 organized by department of medical Biochemistry, HIMSR from 29th-31st Oct, 2015.
	Dr. Amit Sharma		<p>1) International Conference:</p> <ol style="list-style-type: none"> II. Poster Presentation: Forensic prospects of Next Generation Sequencing technology in 6th International conference on Legal Medicine, Medical Negligence & Litigation in Medical Practice, Held at Khajuraho from 26-28 Feb 2015. <p>2) National Conference:</p> <ol style="list-style-type: none"> III. Incidence of fatal Coup and Counter-coup head injuries in Road traffic accident related deaths. At Trauma 2013, held at AIIMS, New Delhi from 07th to 10th November, 2013. IV. Hypertension Paradox: Indian Perspective – The Way Out. At BPCON 2013, held at KGMU, Lucknow in November 2013. V. Cocoa: An Antihypertensive agent. At BPCON 2013, held at KGMU, Lucknow, in November 2013. VI. Oral presentation “Clinical and Forensic Implications of Parasomnias” In Forensic Medicon 2011 organized by Indian Academy of Forensic Medicine held in Nellore. VII. Role of clinical simulation in Trauma care education. At Trauma 2011 held at AIIMS, New Delhi from 09th to 13th November, 2011.

			<p>VIII. Implication and prevention of breach of confidentiality in UG teaching curriculum</p> <p>2. State Conference:</p> <p>i. Trends of poisoning cases in HIMSR & Associated HAH Centenary Hospital. At 8th Annual Conference of SIMLA held at GMC, Calicut, Kerala from 2nd to 4th September 2011.</p>			
<p>Books authored: Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers)</p>						
	S. No.	Author (list all)	Title	ISBN	Year of publication	Publishers including city
	1	Dr P C Dikshit	Textbook of Forensic Medicine & Toxicology	ISBN: 81-88867-96-9	2013	PEEPEE Publishers
23.	Details of patents and income generated:		Nil			
24.	Areas of consultancy and income generated:		Nil			
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad:		Nil			
26.	<p>Faculty serving in:</p> <p>(xxv) National committees: Nil (xxvi) International committees: Nil (xxvii) Editorial Boards of journals: 6 (xxviii) any other (please specify)</p>					
	s.no.	Faculty name	Journals name			
	1.	Dr. P.C Dikshit	1) Indian journal of forensic medicine and pathology. 2) Medicolegal update.			
	2.	Dr. Amit Sharma	1) Indian journal of forensic medicine and pathology. 2) Indian journal of medical and health sciences. 3) International weekly medical research journal 4) Austin journal of forensic science and criminology.			
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):					
	Name of faculty member	Title of programme	Institution where attended	Duration (dates)		
	Dr Amit Sharma	MCI teacher training, Basic Course workshop	Maulana Azad Medical College	16 th -18 th April, 2013		

28.	<p>Student projects: Percentage of students who have done in-house projects including inter-departmental projects.</p> <p>Percentage of students who have done projects in other Universities/Institutions</p>	<p>Nil</p> <p>Nil</p>							
29.	<p>Awards /recognitions received at the national and international level by:</p> <ul style="list-style-type: none"> • Faculty <p>Postdoc: PhD:</p>	<p>Dr Amit Sharma: First Prize in Poster presentation titled Forensic prospects of Next Generation Sequencing technology in 6th International conference on Legal Medicine, Medical Negligence & Litigation in Medical Practice, held at Khajuraho from 26-28 Feb 2015.</p> <p>None None</p>							
30.	<p>Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:</p>								
<table border="1"> <thead> <tr> <th data-bbox="347 919 760 1058">Title Seminars/Conferences/ Workshops</th> <th data-bbox="760 919 889 1058">Dates</th> <th data-bbox="889 919 1117 1058">No. of participants</th> <th colspan="2" data-bbox="1117 919 1503 1058">Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme)</th> </tr> </thead> </table>					Title Seminars/Conferences/ Workshops	Dates	No. of participants	Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme)	
Title Seminars/Conferences/ Workshops	Dates	No. of participants	Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme)						
<p style="text-align: center;">Seminars/Conferences</p>									
<table border="1"> <tbody> <tr> <td data-bbox="347 1192 760 1499"> <p>CME on Medico-Legal issues organized by Department of Forensic Medicine, HIMSR</p> </td> <td data-bbox="760 1192 889 1499"> <p>2nd May, 2013</p> </td> <td data-bbox="889 1192 1117 1499"> <p>87</p> </td> <td colspan="2" data-bbox="1117 1192 1503 1499"> <p>Dr S K Khanna, HOD, Forensic Medicine, MAMC, Delhi. Dr N K Aggrawal, HOD, Forensic Medicine, UCMS, Delhi Dr Anil Kumar, HOD, Forensic Medicine, VMMC & Safdarjung Hospital, Delhi.</p> </td> </tr> </tbody> </table>					<p>CME on Medico-Legal issues organized by Department of Forensic Medicine, HIMSR</p>	<p>2nd May, 2013</p>	<p>87</p>	<p>Dr S K Khanna, HOD, Forensic Medicine, MAMC, Delhi. Dr N K Aggrawal, HOD, Forensic Medicine, UCMS, Delhi Dr Anil Kumar, HOD, Forensic Medicine, VMMC & Safdarjung Hospital, Delhi.</p>	
<p>CME on Medico-Legal issues organized by Department of Forensic Medicine, HIMSR</p>	<p>2nd May, 2013</p>	<p>87</p>	<p>Dr S K Khanna, HOD, Forensic Medicine, MAMC, Delhi. Dr N K Aggrawal, HOD, Forensic Medicine, UCMS, Delhi Dr Anil Kumar, HOD, Forensic Medicine, VMMC & Safdarjung Hospital, Delhi.</p>						

	MBBS (2015)	8000	60	40	NA										
33.	Diversity of students:	NA													
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	NA													
35.	Student progression:	NA													
36.	Diversity of staff:	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Percentage of faculty who are graduates</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>of the same university</td> <td>Nil</td> </tr> <tr> <td>from other universities within the State</td> <td>50 %</td> </tr> <tr> <td>from universities from other States</td> <td>50 %</td> </tr> <tr> <td>from universities outside the country</td> <td>Nil</td> </tr> </tbody> </table>				Percentage of faculty who are graduates	%	of the same university	Nil	from other universities within the State	50 %	from universities from other States	50 %	from universities outside the country	Nil
Percentage of faculty who are graduates	%														
of the same university	Nil														
from other universities within the State	50 %														
from universities from other States	50 %														
from universities outside the country	Nil														
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	None													
38.	Present details of departmental infrastructural facilities with regard to	(i) Departmental Library : 80 books (ii) Internet facilities for staff and students: Yes/ WIFI (iii) Total number of class rooms: 4 Lecture Theatres (Shared). <div style="text-align: right;">One Demonstration room</div> (iv) Class rooms with ICT facility: 04 (iv) Students' laboratories: 01 (v) Anthropology lab (vi) Serology lab (vii) Histopathology lab (viii) Research laboratories: Central research Lab, HIMSR.													
39.	List of doctoral, post-doctoral students and Research Associates:	None													
40.	Number of post graduate students getting financial assistance from the university.	NA													
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.	NA													
42.	Does the department obtain feedback from:	i. Faculty on curriculum as well as teaching- learning- evaluation?													

		<ul style="list-style-type: none"> • If yes, how does the department utilize the feedback? • Yes, done by medical education unit and board of studies. • Department utilizes the feedback through brain storming sessions <p>ii. Student on staff, curriculum and teaching- learning- evaluation and how does the department utilize the feedback?</p> <ul style="list-style-type: none"> • Yes, done by medical education unit. The finding are shared with individual faculty member, vis-à-vis the feedback they have received is also studied by the medical education unit to enhance the process of feedback evaluation <p>iii. Alumni and employers on the programs offered and how does the department utilize feedback? NA</p>
43.	List the distinguished alumni of the department (maximum 10):	NA
44.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.	None
45.	List the teaching methods adopted by the faculty for different programmes.	<ul style="list-style-type: none"> • Chalk and Board. • Power Point Presentation • OHP Presentation • Audio-Visual aids (videos on subject related topics) • Group Discussion Method • Problem Based learning • Interactive Teaching
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?	<ul style="list-style-type: none"> • Regular Internal Assessment • Seminar sessions • Assignments • Regular interaction with students to discuss and review. • Regular department meetings of faculty • Students Feedback reports • Academic progress of students monitoring at department level • Review of course completion report at the end of semester
47.	Highlight the participation of students and faculty in extension activities.	NA
48.	Give details of “beyond syllabus scholarly activities” of the department.	NA
49.	State whether the	NAAC

	programme/department is accredited/graded by other agencies? If yes, give details.	
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.	Research And Publication
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.	<p>Strengths:</p> <ul style="list-style-type: none"> • Proficient faculty with good academic record. • Publication in high impact journals. • Continuous revision of the curriculum of the subject by participatory approach to make it need based. • Research projects innovative research. • Opportunities for collaborative research. <p>Weaknesses:</p> <ul style="list-style-type: none"> • Absence of extramural funding • Rate of research and publication is slow due to lack of postmortem facility. <p>Opportunities:</p> <ul style="list-style-type: none"> • Integrated teaching and learning method. <p>Challenges :</p> <ul style="list-style-type: none"> • Implementation of medico-legal work and autopsy.
52.	Future plans of the department.	<ol style="list-style-type: none"> 1. To start medico-legal postmortem work in the hospital. 2. To start post graduate courses (MD and Ph D.) in the subject.

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	OBSTETRICS & GYNECOLOGY			
2.	Year of establishment:	2011			
3.	Is the Department part of a School/Faculty of the university?	Yes			
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	MBBS			
5.	Interdisciplinary programmes and departments involved:	<ol style="list-style-type: none"> 1. BSc Nursing(School of Nursing ,Jamia hamdard) 2. MSc Nursing(School of Nursing ,Jamia hamdard) 3. BPT(Department of Rehab Sciences , Jamia Hamdard) 4. BOT(Department of Rehab Sciences , Jamia Hamdard) 			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA			
7.	Details of programmes discontinued, if any, with reasons:	NA			
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	As per Medical council of India			
9.	Participation of the department in the courses offered by other departments:	<ol style="list-style-type: none"> 1. BSc Nursing(School of Nursing ,Jamia hamdard) 2. MSc Nursing(School of Nursing ,Jamia hamdard) 3. BPT(Department of Rehab Sciences , Jamia Hamdard) 4. BOT(Department of Rehab Sciences , Jamia Hamdard) 			
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)
		Professor	1	1	1
		Associate Professors	1	2	2
		Assistant Professors	4	4	4
		Others	---	---	---
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:				
	Name	Qualification	Designation	Specialization	No. of Years of

					Experience	Students Guided for the last 5 years
	Dr Swaraj Batra	MS	Professor & Head	Obstetrics & Gynaecology	42	Nil
	Dr Aruna Nigam	MS	Associate Professor	Obstetrics & Gynaecology	12	Nil
	Dr Neha Gupta	MD	Associate Professor	Obstetrics & Gynaecology	9	Nil
	Dr Arifa A Elahi	DNB	Assistant Professor	Obstetrics & Gynaecology	8	Nil
	Dr Reena Jain	MD	Assistant Professor	Obstetrics & Gynaecology	5	Nil
	Dr Ayesha Ahmad	DNB	Assistant Professor	Obstetrics & Gynaecology	6	Nil
	Dr Sumedha Sharma	MS	Assistant Professor	Obstetrics & Gynaecology	6	Nil
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		NIL			
13.	Percentage of classes taken by temporary faculty – programme-wise information:		NA			
14.	Programme-wise Student Teacher Ratio:			Programme	Student teacher ratio	
				MBBS	3:1	
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		Designation	Sanctioned	Filled/actual	
			Technical Assistant	01	01	
			Social worker	02	02	
			Technician	01	01	
			Lab Attendants	02	02	
			Stenographer	01	01	
			Record Clerk	01	01	
			Store keeper	01	01	
			Others	02	02	
16.	Research thrust areas as recognized by major funding agencies:		<ul style="list-style-type: none"> • Basic Reproductive Biology • Contraception & Family Planning • Maternal Health 			

		<p>Basic Research Clinical Research Health Services & Operational Research Community based Research</p> <ul style="list-style-type: none"> • Child Health Community based & Operational Research Hospital based Research Basic Research Capacity building • Safe Abortions Services • Reproductive Tract Infections, Sexually Transmitted Diseases and Infertility • Adolescent Health 		
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:			
	Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure	Grant received
	Dr Neha Gupta	Correlation of persistent inflammatory Pap smear with HPV testing, VIA and colposcopy.	Jamia Hamdard/1year	60,000
18.	Inter-institutional collaborative projects and associated grants received:	Nil		
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	Nil		
20.	Research facility/centre with:	Nil		
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	Nil		

22.	Publications: (last 5 years):	
<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): 30 • Monographs • Chapters in Books:7 • Edited Books • Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers) 		
Publications		
<ol style="list-style-type: none"> 1. Nigam A, Ahmad A. (2015) Autoantibody associated congenial heart block: rare cause of persistent fetal bradycardia. <i>BMJ Case Rep.</i> May 22;2015. pii: bcr2015209655. doi: 10.1136/bcr-2015-209655.PMID:26002776. ISSN: 1757-790X 2. Nigam A, Saxena P, Acharya AS. (2015) HPV Vaccination and HPV DNA testing: Need of the hour. <i>Indian Journal of Medical Specialities</i> Vol 6:1-3 . ISSN: 0976-2884 3. Elahi AA, Nigam A, Pujani M, Batra S. (2015) Xanthogranuloma oophoritis mimicking malignancy: a diagnostic dilemma <i>BMJ Case Rep.</i> Jun 25;2015. pii: bcr2015210642. doi: 10.1136/bcr-2015-210642. PMID:26113594. ISSN: 1757-790X 4. Nigam A, Kumari A, Jain R, Batra S.(2015) Colistin neurotoxicity: revisited. <i>BMJ case reports</i> doi:10.1136/bcr-2015-210787. ISSN:1757-790X 5. Kumari A, Nigam A. (2015) Bariatric surgery: a boon needs special care during pregnancy. <i>Journal of Clinical and Diagnostic Research.</i> Vol-9(11): QE01-QE05DOI: 10.7860/JCDR/2015/14258.6802. Online : ISSN - 0973-709X , Print : 2249-782X 6. Nigam A, Ahmad A, Gupta N, Kumari A. Malpositioned IUCD- Menace of Post Partum IUCD Insertion. <i>BMJ Case Rep</i> 2015. doi:10.1136/bcr-2015-211424 . 1757-790X 7. Jain R, Batra S, Ahmad A, Elahi AA, Gupta M, Saith P. Low Grade Endometrial Stromal Sarcoma, a rare entity. <i>Iranian Journal of Medical Sciences.</i>2015;40(1) pISSN: 0253-0716, eISSN: 1735-3688 8. Jetley S, Khetrpal S, Ahmad A, Jairajpuri ZS. Atypical Proliferative Endometrioid Tumor of Ovary: Report of a Rare Case. <i>Journal of Post Graduate Medicine.</i> 2015;1:1-4 pISSN: 0022-3859, eISSN: 0972-2823 9. Eima Fatima, Arifa Anwar, Mridu Dudeja, Mohd. Akhtar, Abul Kalam Najmi 2015. Drug utilization pattern and adverse drug reaction monitoring in urinary tract infection patients in a tertiary care hospital .<i>Journal of drug delivery and Therapeutics</i>,2015,5/6;23-30. ISSN: 2250-1177 10. Nigam A, Ahmad A, Sharma A, Saith P, Batra S. (2015) Postpartum Intrauterine Device Refusal In Delhi: Reasons Analysed. <i>Journal of Obstetrics and Gynecology India</i> 2015;122(2)99. http://link.springer.com/article/10.1007/s13224-015-0714-9. ISSN: 0971-9202 (print version) ISSN: 0975-6434 11. Prakash A, Saxena P, Nigam A. 2015Clinical trials in India: the current scenario and a practical perspective. <i>Indian journal of Medical Specilaities</i> Vol 6:131-4. ISSN (P) 0976-2884 ISSN (E) 0976-2892 ISSN (L) 0976-28 12. Ahmad A, Batra S, Jain R, Nigam A. (2014) Restricted versus prolonged antibiotic usage in gynaecological practice. <i>International Research Journal of Medical Sciences</i> Vol 2(8),1-5, August (2014) ISSN 2320 –7353. 13. Nigam A, Saxena P, Acharya AS, Batra S. (2014) HPV vaccination in India: Critical appraisal. <i>ISRN Obstet Gynecol.</i> doi: 10.1155/2014/394595. eCollection 2014. Review. ISSN: 2356-7872 (Online) 14. Nigam A, Ahmad A, Batra S. (2014) Absent endometrium due to balanced translocation 		

[t(4;20)] presenting as primary amenorrhea. *Journal of Human Reproductive Sciences* 2014 Jan;7(1):63-65. doi: 10.4103/0974-1208.130867. (ISSN:0974-1208) □

15. Nigam A. (2014) Subcutaneous endometriosis: a rare cause of deep dyspareunia.. *BMJ Case Rep* 2014 Jan 6;2014(jan06_1). pii:bcr 2013202230. doi:10.1136/bcr-2013-202230. ISSN: 1757-790X
16. Nigam A, Kumar M, Gulati S. (2014) Fetal ascites and hydrometrocolpos due to persistent urogenital sinus and cloaca: a case report and review of literature. *BMJ Case Reports* Published 19 February 2014; doi:10.1136/bcr-2013-202231. ISSN: 1757-790X
17. Nigam A, Awasthi R, Barla J, Saxena P. (2014) Acardiac aneups. *BMJ Case Rep* Published online: 9th april 2014 doi:10.1136/ bcr-2013-202583 ISSN:1757-790X
18. Nigam A, Kumari A. (2014) Gossypiboma: a rare cause of chronic vaginal discharge after laparoscopic hysterectomy. *BMJ Case Rep.* 2014 Sep 30;2014. pii: bcr2014206635. doi: 10.1136/bcr-2014-206635. PMID:25270159. ISSN: 1757-790X
19. Nigam A, Saxena P, Barla J, Pathak P. (2014) Scar endometriosis: the menace of surgery. *BMJ Case Rep.* 2014 Oct 15;2014. pii: bcr2014206693. doi: 10.1136/bcr-2014-206693. ISSN: 1757-790X
20. Nigam A, Kumari A, Gupta N. Negative pregnancy test in a molar pregnancy: is it possible? *BMJ case reports* 2014 Nov 5;2014 doi 10.1136/bcr 2014-206483. ISSN: 1757-790X
21. Kaur S, Khan S, Nigam A. (2014) Hematological profile and pregnancy: a review. *International Journal of Advances in Medicine* 2014; 1(2): 68-70. [doi:10.5455/2349-3933.ijam20140804](https://doi.org/10.5455/2349-3933.ijam20140804). PRINT ISSN : 2349-3925
22. Hakim S, Ahmad A, Jain M, Anees A. (2014) Unilateral Functional Uterine Horn with Non Functioning Rudimentary Horn and Cervico vaginal Agenesis: Case Report. *Bangladesh Journal of Medical Sciences.* 2014;13(1): 101-04 pISSN: 2223-4721, eISSN: 2076-0299
23. □ Nigam A, Prakash A, Pathak P, Abbey P. (2013) Bilateral Psoas abscess mimicking as an acute abdomen. *BMJ Case Reports* Published 22 October. doi:10.1136/bcr-2013-200860. ISSN: 1757-790X
24. Ahmad A, Khan T, Dwivedi S, Kausar F. (2013) Introducing Medical Humanities- Use of Humour for Teaching Ethics: A Pilot study at Hamdard Institute of Medical Sciences and Research. *International Journal of User driven healthcare*;3(4):30-36 pISSN: 2156-1818, eISSN: 2156-180X, DOI: 10.4018
25. Ahmad A. (2013) Damburst of Emotion. *International Journal of User driven healthcare.* Vol 3(4):81-83 pISSN: 2156-1818, eISSN: 2156-180X, DOI: 10.4018
26. Khan S, Hassan MJ, Jetley S, Jairajpuri Z, Ahmad A. (2013) Endometrial Ossification Following Repeated Spontaneous Abortions. *Iranian Journal of Pathology.* VOL8 (2): 127 – 130 pISSN: 1735-5303, eISSN: 2345-3656
27. Prakash A, Saxena P, Nigam A. 2013 *Disease remains unconquered, its name reminisces a 'feel bad' atmosphere- 'mal' 'aria'.* *Indian journal of Medical Specilaities*;4(1):1-4 ISSN (P) 0976-2884 ISSN (E) 0976-2892 ISSN (L) 0976-28
28. Saxena P, Prakash A, Acharaya AS, Nigam A. 2013 Selecting a study design for research. *Indian journal of Medical Specilaities* vol 4(2):330-33 <http://dx.doi.org/10.7713/ijms.2013.0033> ISSN (P) 0976-2884 ISSN (E) 0976-2892 ISSN (L) 0976-28
29. Acharaya AS, Prakash A, Saxena P, Nigam A. (2013) Sampling: Why and How of it? *Indian journal of Medical Specilaities* vol 4(2):334-39 ISSN (P) 0976-2884 ISSN (E) 0976-2892 ISSN (L) 0976-28
30. Ahmad A, Zia S, Khan T. Busting Myths: A Profile of Sexual Assault Cases. *Journal of Medical College Chandigarh.* 2012;2(2):32-34

<p>Edited Books: Nil Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers)</p>																				
S.	Authors/editors (list all)	Title	ISBN	Year of publi cation	Publisher city															
<p>Book/ Chapter :7</p> <p style="text-align: center;">BOOKS</p> <ol style="list-style-type: none"> Batra S, Gupta M. (2015) Thyroid disorders in pregnancy. Obstetrics and Gynaecology: a case based approach. Three life Media publishers. editors Indrani ganguly and Harsha Khullar.;180-92. ISBN No: 978-93-83989-10-2 Nigam A. Rh negative pregnancy. (2015) Management of High Risk pregnancy A practical approach. Second edition. Page 255-272 Publisher Jaypee brothers medical publisher. ISBN: 9789352500468 Batra S, Singh S, Jain R. (2015) Venous thromboembolism in pregnancy. Management of high risk pregnancy – a practical approach. Second edition. Publisher Jaypee brothers medical publisher. ISBN: 9789352500468 Swaraj Batra & S Singh. (2014). Rectovaginal and urethrovaginal fistula repair. Operative Obstetrics and Gynaecology, 2nd edition, Editors Narendra malhotra, Randhir Puri, Jaideep Malhotra. pages 369-79. ISBN: 978-93-5152-161-7 Saxena P, Nigam A. (2015) Endocrine Disorders of female gonads. API text book of Medicine, 10th edition, by Dr Y P Munjal pages 645-55 ISBN: 9789351524151 Prakash A, Saxena P, Nigam A. (2014) Hypertension and the Pregnant mother. Medicine update vol 24 (2 volumes, 1st edition). Editor: Dr Shashank R Joshi ;25: 854-59 ISBN: 978-163102597-6 Nigam A. (2015) Approach to a woman presenting with urinary complaints in puerperium. Clinical methods in obstetrics and gynecology by Dr Manju Puri. 1sr Edition: 204-8. ISBN, 9789351528456. <p>Citation And H-index: (Google Search)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Name of the Faculty</th> <th style="width: 30%;">Citations</th> <th style="width: 30%;">h-index</th> </tr> </thead> <tbody> <tr> <td>Dr Swaraj Batra</td> <td style="text-align: center;">782</td> <td style="text-align: center;">17</td> </tr> <tr> <td>Dr Aruna Nigam</td> <td style="text-align: center;">193</td> <td style="text-align: center;">8</td> </tr> <tr> <td>Dr Neha Gupta</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>						Name of the Faculty	Citations	h-index	Dr Swaraj Batra	782	17	Dr Aruna Nigam	193	8	Dr Neha Gupta	0	0			
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23.	Details of patents and income generated:	Nil																		
24.	Areas of consultancy and income generated:	Nil																		
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	Nil																		

26.	<p>Faculty serving in:</p> <p>(xxix) National committees: (xxx) International committees (xxxi) Editorial Boards of journals (xxxii) any other (please specify)</p> <p>Dr Swaraj Batra Patron and Founder President of ISCCP</p> <p>Dr Aruna Nigam Life member of NARCHI Life Member of Indian Society for Atherosclerosis Research (ISAR) Life Member of Gynaecology endocrinology society of India (GESI) Executive member ISCCP Joint secretary Delhi Diabetic forum Assistant Editor, Indian Journal of Medical Specialties</p> <p>Dr Neha Gupta Life member of NARCHI</p> <p>Dr Arifa Anwar Elahi Life member of NARCHI</p>																										
27.	<p>Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Name of faculty member</th> <th style="width: 30%;">Title of programme (WORKSHOP)</th> <th style="width: 25%;">Institution where attended</th> <th style="width: 20%;">Duration (dates)</th> </tr> </thead> <tbody> <tr> <td>Dr S Batra</td> <td> <ul style="list-style-type: none"> • Colposcopy & pre-cancerous lesions of cervix </td> <td>MAMC, New Delhi</td> <td>14 Sept 2012</td> </tr> <tr> <td></td> <td> <ul style="list-style-type: none"> • RCOG Colposcopy Course & Hands on workshop </td> <td>Fortis Memorial hospital ,Gurgaon</td> <td>28 & 29th August 2013</td> </tr> <tr> <td></td> <td> <ul style="list-style-type: none"> • Gyne Onco Surgery, AICC RCOG </td> <td>Fortis Memorial, Gurgaon</td> <td>2 Sept,2013</td> </tr> <tr> <td></td> <td> <ul style="list-style-type: none"> • Demystifying Colposcopy & hands on workshop </td> <td>Santosh Medical College , Ghaziabad</td> <td>27 Oct 2013</td> </tr> <tr> <td></td> <td> <ul style="list-style-type: none"> • Energy sources & endoscopy </td> <td>LHMC, New Delhi</td> <td>16th Nov 2013</td> </tr> </tbody> </table>			Name of faculty member	Title of programme (WORKSHOP)	Institution where attended	Duration (dates)	Dr S Batra	<ul style="list-style-type: none"> • Colposcopy & pre-cancerous lesions of cervix 	MAMC, New Delhi	14 Sept 2012		<ul style="list-style-type: none"> • RCOG Colposcopy Course & Hands on workshop 	Fortis Memorial hospital ,Gurgaon	28 & 29th August 2013		<ul style="list-style-type: none"> • Gyne Onco Surgery, AICC RCOG 	Fortis Memorial, Gurgaon	2 Sept,2013		<ul style="list-style-type: none"> • Demystifying Colposcopy & hands on workshop 	Santosh Medical College , Ghaziabad	27 Oct 2013		<ul style="list-style-type: none"> • Energy sources & endoscopy 	LHMC, New Delhi	16 th Nov 2013
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		<ul style="list-style-type: none"> • Gynae Endoscopic Surgery 	India Habitat Centre	3 & 4 th August, 2014
		<ul style="list-style-type: none"> • AOGIN workshop on HPV infections & related cancers 	CMC Vellore	27 -29 th Aug, 2015
	Dr Aruna Nigam	<ul style="list-style-type: none"> • Skills in research paper writing 	CSOI, Chanakyapuri, New Delhi	7 July 2013
		<ul style="list-style-type: none"> • Good clinical practices & clinical trial regulations 	LHMC	20 Dec 2013
		<ul style="list-style-type: none"> • Urogynecology & Reconstructive pelvic surgery 	Chennai	20-23 rd Jan 2014
		<ul style="list-style-type: none"> • GESICON 2014 	AIIMS, New Delhi	25 th April 2014
		<ul style="list-style-type: none"> • Best Practices for determining causality assessment for adverse events occurring during clinical trial participation 	Harvard University, Gurgaon	12 th Feb 2015
		<ul style="list-style-type: none"> • Basic course workshop in medical education technologies 	MAMC	16-18 th April 2015
		<ul style="list-style-type: none"> • Revised basic course workshop in MET 	MAMC	22-24 th Sept 2015
	Dr Neha Gupta	<ul style="list-style-type: none"> • Clinical Research & Bioethics 	HIMSR, New Delhi	24 th Feb 2015

		<ul style="list-style-type: none"> • Fellowship in Minimal access surgery 	World Laparoscopy hospital ,Gurgaon	1-15 th May 2015
		<ul style="list-style-type: none"> • Contraception Update & PPIUCD Insertion Technique 	HIMSR, New Delhi	17 th Oct 2015
		<ul style="list-style-type: none"> • Written assessment techniques 	HIMSR, New Delhi	20 th Oct 2015
		<ul style="list-style-type: none"> • Urogynaecology, Pelvic floor repair & NDVH 	GSVM,Kanpur	27 th Nov 2015
	Dr Arifa A Elahi	<ul style="list-style-type: none"> • Assisted Reproduction 	IVF Centre , MAMC, New Delhi	12,13 th Feb 2011
		<ul style="list-style-type: none"> • Robotics in Gynecology 	Sir Ganga Ram Hospital, New Delhi	10 th Dec 2014
		<ul style="list-style-type: none"> • Postpartum Contraception: a way to meet unmet need 	HIMSR, New Delhi	14 th March 2014
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	Dr Ayesha Ahmad	<ul style="list-style-type: none"> • Safe Motherhood 	Max Hospital, Saket , New Delhi	16 th Nov 2012
	Dr Reena Jain	<ul style="list-style-type: none"> • Teaching methodology 	Jamia Hamdard, New Delhi	30 July 2012
		<ul style="list-style-type: none"> • Postpartum Contraception: a way to meet unmet need 	HIMSR, New Delhi	14 march 2014
		<ul style="list-style-type: none"> • Advanced Gynaecological Endoscopic training 	Jeewanmala Hospital	
		<ul style="list-style-type: none"> • Leadership & personality enrichment Programme 	Jamia Hamdard, New Delhi	26,27 Sept 2014
		<ul style="list-style-type: none"> • Robotics in Gynaecology 	SGRH, New Delhi	10 th Dec 2014
28.	Student projects:	ICMR-STS Research Award 2015_ Dr Pritha Umesh under Dr S Batra		

<p>29.</p>	<p>Awards /recognitions received at the national and international level by:</p> <ul style="list-style-type: none"> Faculty <table border="1" data-bbox="370 348 1471 621"> <thead> <tr> <th>S. No</th> <th>Faculty</th> <th>Award/Recognition</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Dr Aruna Nigam</td> <td> <ul style="list-style-type: none"> Member of National Academy of Medical Sciences (MNAMS) Fellowship of Indian College of Obstetrician and Gynaecologists (FICOG) </td> <td>2015</td> </tr> <tr> <td>2</td> <td>Dr Neha Gupta</td> <td> <ul style="list-style-type: none"> Fellowship in Minimal Access Surgery(FMAS) </td> <td>2015</td> </tr> </tbody> </table> <p>Doctoral/Post doctoral fellows –NIL</p> <p>Students – nil</p>					S. No	Faculty	Award/Recognition	Year	1	Dr Aruna Nigam	<ul style="list-style-type: none"> Member of National Academy of Medical Sciences (MNAMS) Fellowship of Indian College of Obstetrician and Gynaecologists (FICOG) 	2015	2	Dr Neha Gupta	<ul style="list-style-type: none"> Fellowship in Minimal Access Surgery(FMAS) 	2015																				
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<p>30.</p>	<p>Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:</p> <table border="1" data-bbox="347 856 1503 1470"> <thead> <tr> <th>Title Seminars/Conferences/ Workshops</th> <th>Dates</th> <th>No. of participant</th> <th>Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme</th> </tr> </thead> <tbody> <tr> <td>CME cum workshop Postpartum contraception: a way to meet the unmet need</td> <td>14th March, 2014</td> <td>100</td> <td>Dr Vijay Zutshi Prof & head of unit (OBG) ,VMMC</td> </tr> <tr> <td>Clinical research and bioethics</td> <td>24th Feb, 2015</td> <td>60</td> <td>DR R.M.Pandey(HOD Biostats,AIIMS) Dr Sumit Malhotra(Prof,AIIMS)</td> </tr> <tr> <td>Diagnosis and Management of Cervical Intraepithelial Lesions</td> <td>7th March, 2015</td> <td>90</td> <td>Dr Vijay Zutshi (Prof. OBG, VMMC); Dr Gauri Gandhi (Prof OBG,MAMC)</td> </tr> <tr> <td>CME cum workshop on ‘contraception update and PPIUCD insertion technique</td> <td>17th September, 2015</td> <td>160</td> <td>Dr Abha Singh(HOD,LHMC); Dr Raksha Arora (HOD ,Santosh medical college)</td> </tr> </tbody> </table>					Title Seminars/Conferences/ Workshops	Dates	No. of participant	Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme	CME cum workshop Postpartum contraception: a way to meet the unmet need	14 th March, 2014	100	Dr Vijay Zutshi Prof & head of unit (OBG) ,VMMC	Clinical research and bioethics	24 th Feb, 2015	60	DR R.M.Pandey(HOD Biostats,AIIMS) Dr Sumit Malhotra(Prof,AIIMS)	Diagnosis and Management of Cervical Intraepithelial Lesions	7 th March, 2015	90	Dr Vijay Zutshi (Prof. OBG, VMMC); Dr Gauri Gandhi (Prof OBG,MAMC)	CME cum workshop on ‘contraception update and PPIUCD insertion technique	17 th September, 2015	160	Dr Abha Singh(HOD,LHMC); Dr Raksha Arora (HOD ,Santosh medical college)												
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CME cum workshop on ‘contraception update and PPIUCD insertion technique	17 th September, 2015	160	Dr Abha Singh(HOD,LHMC); Dr Raksha Arora (HOD ,Santosh medical college)																																		
<p>31.</p>	<p>Code of ethics for research followed by the departments:</p>	<p>Two committees (iii) IAEC (iv) Ethics Committee</p>																																			
<p>32.</p>	<p>Student profile programme-wise:</p> <table border="1" data-bbox="347 1642 1503 1942"> <thead> <tr> <th rowspan="2">Name of the Programme</th> <th rowspan="2">Year</th> <th rowspan="2">Application Received</th> <th colspan="2">Total No. of Student</th> <th rowspan="2">Pass Percentage (%)</th> </tr> <tr> <th>Male</th> <th>Female</th> </tr> </thead> <tbody> <tr> <td></td> <td>2012</td> <td>2997</td> <td>36</td> <td>64</td> <td>94</td> </tr> <tr> <td></td> <td>2013</td> <td>4332</td> <td>64</td> <td>36</td> <td>98</td> </tr> <tr> <td></td> <td>2014</td> <td>5698</td> <td>51</td> <td>49</td> <td></td> </tr> <tr> <td></td> <td>2015</td> <td>8000</td> <td>60</td> <td>40</td> <td></td> </tr> </tbody> </table>					Name of the Programme	Year	Application Received	Total No. of Student		Pass Percentage (%)	Male	Female		2012	2997	36	64	94		2013	4332	64	36	98		2014	5698	51	49			2015	8000	60	40	
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	2014	5698	51	49																																	
	2015	8000	60	40																																	

33.	Diversity of students: NA				
	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:		Nil		
35.	Student progression:				
	Student progression				
	UG to PG				
	PG to M.Phil.				
	PG to Ph.D.				
	Ph.D. to Post-Doctoral				
	Employed				
	<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 				
	Entrepreneurs		--		
36.	Diversity of staff:				
	Percentage of faculty who are graduates		%		
	of the same university		0		
	from other universities within the State		42		
	from universities from other States		58		
	from universities outside the country		0		
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:		Nil		
38.	Present details of departmental infrastructural facilities with regard to		(i) Library :YES, 102 books (ii) Internet facilities for staff and students :YES (iii) Total number of class rooms: 4 lecture theater + 3 demo room (iv) Class rooms with ICT facility: Yes,4 class rooms (v) Students' laboratories: Central research lab HIMSR (vi) Research laboratories: Common lab at HIMSR		
39.	List of doctoral, post-doctoral students and Research Associates:		(i) from the host institution/university : Nil (ii) from other institutions/universities :Nil		

40.	Number of post graduate students getting financial assistance from the university:	Nil								
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:	Yes, Board of studies in place for the department.								
42.	Does the department obtain feedback from:	Yes.								
43.	List the distinguished alumni of the department (maximum 10):NA									
	Distinguished Alumni									
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Name</th> <th style="width: 15%;">Course</th> <th style="width: 15%;">Batch</th> <th style="width: 37%;">Present position and affiliation</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Name	Course	Batch	Present position and affiliation					
Name	Course	Batch	Present position and affiliation							
44.	Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.:	Organized guest lecture on Robotic Surgery by Dr Khurshid Guru, Director of Robotic Surgery, RPCI, New York								
45.	List the teaching methods adopted by the faculty for different programmes.:	<ul style="list-style-type: none"> • Chalk and Board. • Power Point Presentation • OHP Presentation • Audio-Visual aids (videos on subject related topics) • Group Discussion Method • Problem Based learning • Interactive Teaching 								
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	<ul style="list-style-type: none"> • Regular Internal Assessment • Seminar sessions • Assignments • Semester Based Credit System • Regular interaction with students to discuss and review. • Regular department meetings of faculty • Students Feedback reports • Academic progress of students monitoring at department level • Review of course completion report at the end of semester 								
47.	Highlight the participation of students and faculty in extension activities.	Public forums Role play Counselling Nukkad Natak Poster presentations								

48.	Give details of “beyond syllabus scholarly activities” of the department.	ICMR studentship Paper presented by MBBS 4 th semester student Diksha Gaur in state conference.
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details.:	Yes, MCI
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	NA
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	<p>Strengths</p> <ol style="list-style-type: none"> 1. Dedicated Faculty with vast experience from government hospitals 2. Excellent surgical expertise in Gynae-oncology 3. Clinical Research activities 4. Facilities for state of art Labor room & all conventional surgeries 5. Vast experience of organizing conferences, workshops, examinership, experts for selection of faculty in other institutions. <p>Weaknesses</p> <ol style="list-style-type: none"> 1. Department in making, Young 2. Lack of government funding for research projects <p>Opportunities</p> <ol style="list-style-type: none"> 1. New avenues for interdepartmental clinical research 2. Scope for research in teaching methodologies 3. Collaboration with institutions abroad for training of young faculty for learning latest surgical techniques <p>Challenges</p> <ol style="list-style-type: none"> 13. Monitory support for extra mural research projects 14. Updating skills and knowledge of faculty for maintaining teaching standards. 15. Effective utilization of feedback from students and faculty for moulding the curriculum. 16. Encourage students to study well for university as well as other competitive exams.
52.	Future plans of the department:	<ol style="list-style-type: none"> 12. To start Post graduation in Obstetrics & Gynecology, 13. Collaboration with ISCCP to establish a colposcopy training center at HIMSR.

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	MEDICINE & TB CHEST				
2.	Year of establishment:	2011				
3.	Is the Department part of a School/Faculty of the university?	Yes, HIMSR, Jamia Hamdard				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	UG - MBBS				
5.	Interdisciplinary programmes and departments involved:	1. Physiotherapy (Masters and Bachelors) 2. Occupational Therapy (Masters and Bachelors) 3. Para Medical Sciences (BCLT, ETCT, Dip. In Dialysis, Bachelor in Dialysis) 4. Physiotherapy (Masters and Bachelors)				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NIL				
7.	Details of programmes discontinued, if any, with reasons:	NIL				
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Semester/Annual -As per MCI guidelines				
9.	Participation of the department in the courses offered by other departments:	1. Pharmacy 2. Nursing 3. Unani Medicine 4. Para medical sciences				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
Professor		2	4	4		
Associate Professors		3	2	2		
Assistant Professors		5	4	4		
Others		-	-	-		
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Prof.	MBBS,MD,	Professor	Internal Medicine	37 yrs	2 students

	Shridhar Dwivedi	Ph.D				
	Prof. Bhawani Singh	MBBS, MD	Professor	Internal Medicine and TB & Chest	33 yrs	NA
	Prof. Sunil Kohli	MBBS, MD	Professor	Internal Medicine	28 yrs	NA
	Dr. Smita	MBBS, MD (Medicine)	Professor	Internal Medicine	10 yrs 6 months	NA
	Dr. Prem Kapur	MBBS, MD (Medicine)	Assoc. Prof.	Internal Medicine	33 yrs	2 students
	Dr. Anwar Habib	MBBS, MD (Medicine)	Assoc. Prof.	Internal Medicine	18 yrs	NA
	Dr. Vineet	MBBS, MD (Medicine)	Asstt. Prof.	Internal Medicine	5 and 1/2 yrs	NA
	Dr. Jyotsana	MBBS, MD (Medicine)	Asstt. Prof.	Internal Medicine	5 yrs 11 months	NA
	Dr. Mushtaq A.	MBBS, MD (Medicine)	Lecturer	Internal Medicine	12 yrs	NA
	Dr. Sumeera Banday	MBBS, MD (Medicine)	Lecturer	MBBS, MD (TB & Chest)	4 yrs	NA
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	NIL				
13.	Percentage of classes taken by temporary faculty – programme-wise information:	NA				
14.	Programme-wise Student Teacher Ratio:		Programme	Student teacher ratio		
			MBBS	3:1		
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation	Sanctioned	Filled/actual		
		ECG/ Technician	01	01		
		Technical Asstt./Technician	03	03		
		Lab Attendant	04	01		
		Store Keeper	01	01		
		Steno Typist	01	01		
		Record Clerk	02	01		
		TB and Chest diseases help visitor	2	01		
		Psychiatric social worker	2	01		
16.	Research thrust areas as recognized by major funding agencies:	1. Communicable Diseases-HIV/AIDS –Management Strategies -Tuberculosis- Early Diagnosis 2. Non Communicable Diseases – Diabetes mellitus-Newer Treatment Modalities - NAFLD – Newer Treatment				

		Strategies - Asthma ,COPD Management		
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: NA			
	Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure	Grant received
18.	Inter-institutional collaborative projects and associated grants received:		NA	
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):		NA	
20.	Research facility/centre with:		Wards/Central Research Laboratory of the University,	
21.	Special research laboratories sponsored by/created by industry or corporate bodies:		None	
22.	Publications: (last 5 years):			
	<ol style="list-style-type: none"> 1. Number of papers published in peer reviewed journals (national / international): Twenty four 2. Monographs NA 3. Chapters in Books NA 4. Edited Books :NA 5. Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers) NA <p>Publications:</p> <p>[2015]</p> <ol style="list-style-type: none"> 1. Shukla SK, Sharma SB, Singh U.R., Ahmad S., Dwivedi S. 2015, Terminalia arjuna (Roxb) Wight & Arn augments cardioprotection via antioxidant and antiapoptotic cascade in isoproterenol induced cardiotoxicity in rats, Indian J. Experimental Biology, 53 (12): 810-18.0975-1009 (Online); 0019-5189 (Print). (IF-0.835). 2. Kapur P. Jain V., Bedi S. Kaur H., 2015, Study of Clinico-Laboratory Profile of Dengue Fever from a south Delhi hospital, JAPI, vol.63. ISSN, 0004-5772 3. Habib A., Aslam M., Uwais M., Khan S.A., 2015, Life threatening arrhythmia secondary to hyperkalemia in a patient with chronic kidney disease, International Journal of Advances in Pharmacy medicine and Bio Allied Sciences .: 3(1). ISSN 2348 - 2109 4. Habib A. and Ahmad R., Pharmacotherapy of comorbid conditions in patients on Haemodialysis, European Journal of Biomedical and Pharmaceutical Sciences, 2015, Vol.2, Issue – 5, 286-297. ISSN 2349 – 8870 5. Ahmad M., Malik P.K., Hassan S., Dwivedi S., 2015, Journal of Health Research and Reviews, Ascariasis presenting as hematemesis in a young boy, Vol.2, (1) 37-38. Print - 			

2394-2010, Online - 2394-2029

6. Malik P.K., **Ahmad M.**, Rani A. Dwivedi S.2015, The Men who picked the truant notes in heart sounds, *Chronicales of medicine*, vol.1, (4) 305-308. **ISSN:** Print -2349-0977, Online - 2349-4387

[2014]

7. **Kapur P.**, Das AK, Dudeja R., Balantidium m.2014, coli liver abscess: first case report from India. *J Parasit Dis* DOI 10.1007/s 12639-014-0464-0. **ISSN**Print - 0971-7196, Online - 0975-0703
8. Ashraf J, Najmi AK, **Kapur P.**, Aqil M. 2014, Prescribing pattern of oral hypoglycemic drugs involving DPP-IV inhibition inhibition, *European Journal of Biomedical and Pharmaceutical sciences*, Vol.1, issue 1, 36-47., **ISSN** - 2349-8870
9. Alam MS, Aqil M., Qadry SAS, **Kapur P.**, Pillai KK, Utilization Pattern of Oral Hypoglycemic Agents for Diabetes Mellitus Type 2 Patients Attending Out Patient Department at a University Hospital in New Delhi: *Pharmacology & Pharmacy* 2014, 5, 636-645. **ISSN Print:** 2157-9423, **ISSN Online:** 2157-9431. (IF-0.68)
10. **Kapur P.**, Ekbal R, Dubey K, Pillay KK. 2014, Comparative Efficacy of Long Acting Beta 2 Agonist-Indacaterol with a long Acting Muscarinic Antagonist-Tiotropium in Patients of COPD, *JAPI*, vol.62, 103-104. **ISSN**, 0004-5772
11. Nusrat B, Ali R., Siddiqui N. and **Habib A.**, Some Heterocyclics with anti convulsant properties; *Bulletin of Pharmaceutical Research* 2014; 4 (1): 21 – 36. **ISSN** 2249 – 9245, 2249-6041. (IF-1.23)
12. Ashraf M.U., Aslam M, Ajmal M.R., **Habib A**, 2014, Int. Jr. of Advances in Pharmacy Medicine and Bio Allied Sciences, Relationship of Serum Homocysteine Levels with Cardiac Troponin and Ejection Fraction in Patients admitted with acute coronary syndrome. 2.3,9-12. **ISSN**- 2348-2109-23
13. Qyamuddin M., Iqbal M., **Habib A.**, Akhtar M., Amad S.J., Khan S.A. 2014, Treatment modalities in Irritable Bowel Syndrome in a Tertiary Care Hospital in North India, *International Journal of Pharma Research and Health Sciences*, Vol.2(6), page 413-419. **ISSN** 2348 – 6465. (IF-0.107)
14. Khawaja FI, **Ahmad MM**. 2014, Pancreas divisum and dominant dorsal duct syndrome: a brief review. *JK-Practitioner* ; 19 (1-2):1-10. **ISSN:**0971-8834

[2013]

15. K Sabina, Jetly S, Rana S, **Kapur P.**,2013, Rhinomaxillary/ Mucormycosis in a Diabetic female. Critical role of if early diagnosis. *Journal of Craniomaxillary disease*: 2(i) 91-3. **ISSN:** Print -2278-9588, Online - 2319-6548
16. Jetly S, K Sabina, Rana S, Zeeba J, Hassan MJ, **Kapur P.**, 2013, Bone marrow negative visceral leishmaniasis in an adolescent male. Don't stop looking. A case report. *Iranian Journal of Parasitology*; 8(i) 182-5. **ISSN** No. 1735-7020 (IF- 0.857)
17. Ahmad MA, **Kapur P.**, Khanam K, Akhtar M, Khan GH, Anwar MJ, Vohora D. 2013, Comparative effect of antihypertensive therapy on blood glucose level in hypertensive patients in Indian population. *Drug Research*; 63:1-5. **ISSN** No. 0004-4172 (IF- 0.701)
18. Ahmad MA, **Kapur P.**, Khanam K, Akhtar M, Khan GH, Anwar MJ, Vohora D. Comparative effect of beta blockers and angiotensin receptor blockers on blood glucose level in hypertensive patient in university hospital. *Journal of drug delivery & Therapeutics* 2013, 3(2), 62-65. . **ISSN** No. 2250-1177 (IF- 0.675)
19. Khan AA, Umar Jahangir MD, **Kapur P.**, Efficacy of a classical AntiObesity Unani Pharmacopial formulation in *International Journal of Analytical, Pharmaceutical and Biomedical Sciences*, 2013, Vol.2 July-Sept. 20-22 . **ISSN** No. 2278-0246 (IF- 0.555)
20. Mohd. A, Prakash M.S., Ahmed K.S., **Habib A.**, Das A, Mehrotra G., Therapeutic Role of Nimodipine in acute Ischemic Stroke. *Journal of Pharmaceutical and biomedical sciences*

	<p>2013 August; (33) : 1577-1581.ISSN 2230 – 7885. (IF-2.4)</p> <p>[2012]</p> <p>21. Aggarwal R. Aggarwal M, Dwivedi S. 2012, Pulmonary hypoplasia and juvenile rheumatoid arthritis: A novel association, Indian Journal of Rheumatology.vol.7 (4) 243-244. ISSN No. 0973-3698.</p> <p>22. Task Force-<i>Experts</i>:S.K Sharma¹; Rajesh Puri²; Ajay Jain³; M.P Sharma⁴; Anita Sharma⁵; Shravan Bohra⁶; Y.K Gupta¹; Anoop Saraya¹; S Dwivedi⁷; K.C. Gupta⁸; Mahadeo Prasad⁹; Janardhan Pandey¹⁰; Netar Prakash Dohroo¹¹; Neeraj Tandon¹²; Sesikeran¹³, A.K Dorle¹⁴; Nikhil Tandon¹, S. S. Handa¹⁵; Co-ordinating Unit- <i>ICMR</i>: G.S Toteja¹², Spriha Rao¹², K. Satyanarayana¹², V.M. Katoch¹²2012, Assessment of effects on health due to consumption of bitter bottle gourd (<i>Lagenariasiceraria</i>) juice, Indian J Med Research, 135:49-55. ISSN: Print -0971-5916, Online - 0975-9174 (IF-1.396)</p> <p>23. Dwivedi S, Aggarwal A, Singh S, Sharma. 2012, Familial xanthelasma with dyslipidemia: just another family trait? North American Journal of Medical Sciences.;4:238-40.ISSN: Print -2250-1541, Online - 1947-2714</p> <p>24. Dwivedi S, Aggarwal R., 2012, Modified shoe for adjusting hard stuffy and smeltysole : An uncommon accompaniment of hypothyroidism, J Mid. Life health, 3(1), 45-46. ISSN: Print -0976-7800, Online - 0976-7819</p> <p><u>Citation And H-index: (Google Search)</u></p> <table border="1"> <thead> <tr> <th>Name of the Faculty</th> <th>Citations</th> <th>h-index</th> </tr> </thead> <tbody> <tr> <td>DrB.Singh</td> <td>146</td> <td>06</td> </tr> <tr> <td>DrS.Kohli</td> <td>140</td> <td>05</td> </tr> <tr> <td>Dr. PremKapur</td> <td>117</td> <td>07</td> </tr> </tbody> </table>	Name of the Faculty	Citations	h-index	DrB.Singh	146	06	DrS.Kohli	140	05	Dr. PremKapur	117	07
Name of the Faculty	Citations	h-index											
DrB.Singh	146	06											
DrS.Kohli	140	05											
Dr. PremKapur	117	07											
23. Details of patents and income generated:	None												
24. Areas of consultancy and income generated:	None												
25. Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	NA												
26.	<p>Faculty serving in:</p> <p>(xxxiii) National committees:</p> <ol style="list-style-type: none"> 1. Prof. S.Dwivedi - Chairman of the Board of Governors in DIPSRU by the Hon L. G. Delhi 1. Dr. P. Kapur - Chairman of Institutional Ethics Committee of Regional Research Institute of Unani Medicine, Department of AYUSH (Ministry of Health & Family Welfare) , Govt Of India <p>(xxxiv) International committees</p> <p>(xxxv) Editorial Boards of journals</p> <p>(xxxvi) any other (please specify)</p> <ol style="list-style-type: none"> 1. Expert member of Board of Studies (Department of Medicine) SMS&R, Sharda Hospital,Sharda University 2. Expert member of Board of Management, Jamia Hamdard 3. Trainer of Unani Physicians of Hamdard Labs at Jamia Hamdard <p>(v)Membership of Professional Societies:</p> <p>Prof. S.Dwivedi : 1.Fellowship of Cardiological Society of India</p>												

	2. Fellowship of Indian Academy of Clinical Medicine 3. Fellowship of Indian Society of Hypertension 4. Fellowship of International Academy of Cardiovascular Sciences 5. Fellowship of National Academy of Medical Sciences Prof. B.Singh -Fellowship of Indian College of Physicians Membership of Editorial Boards of Journals Member of Government Bodies Other responsibilities					
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs): NA					
	Name of faculty member	Title of programme	Institution where attended	Duration (dates)		
28.	Student projects:		<ul style="list-style-type: none"> ICMR research project (STS) – MsAarzo (1styr), A study on HOMA-IR in young adult 			
29.	Awards /recognitions received at the national and international level by: list attached					
	<ul style="list-style-type: none"> Faculty 					
	S. No	Faculty	Award/Recognition		Year	
	1	Prof S Dwivedi	Dr. P.J..Mehta Oration by The Association of Physicians of India		2011	
	2	Dr. PremKapur	Best paper award presentation at APICON, Gurgaon, Haryana		2015	
30.	Seminars/Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any:					
	Title Seminars/Conference s/ Workshops	Dates	No. of participants	Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme)		
	ISARCON	29 th October to 31 st October 2015	210	DrJayashreeBhattacharjee. Dr Shantanu Sengupta. Dr B.V.SAI Chandran. DrRaiAjit K Srivastava. DrGundu H R Rao. DrSampathParthasarathy		
31.	Code of ethics for research followed by the departments:	Two committee 1. IAEC				
32.	Student profile programme-wise: NA					
	S.L	Name of the Programme	Year	Application Received	Total No. of Student	Pass Percentage

					Male	Female	(%)
		MBBS	2012	2997	36	64	94
			2013	4332	64	36	98
			2014	5698	51	49	
			2015	8000	60	40	
33.	Diversity of students:NA						
	Name of the Programme	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries			
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:		NA				
35.	Student progression: NA						
	Student progression				Percentage against enrolled		
	UG to PG						
	PG to M.Phil.						
	PG to Ph.D.						
	Ph.D. to Post-Doctoral						
	Employed						
	<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 						
	Entrepreneurs				--		
36.	Diversity of staff:						
	Percentage of faculty who are graduates				%		
	of the same university				0		
	from other universities within the State				50%		
	from universities from other States				50%		
	from universities outside the country				0		
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:		NA				
38.	Present details of departmental infrastructural facilities with regard to		(i) Library : Departmental Library with over 70 books (ii) Internet facilities for staff and students : Medical college & Hospital has facility of Wifi (iii) Total number of class rooms: 03 + review club room (iv) Class rooms with ICT facility: 03 + review club room				

		(v) Students' laboratories : Wards (vi) Research laboratories : Wards
39.	List of doctoral, post-doctoral students and Research Associates:	(iii) from the host institution/university NA
40.	Number of post graduate students getting financial assistance from the university.:	NA
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	NA
42.	Does the department obtain feedback from:	Yes Feedback form by students
43.	List the distinguished alumni of the department (maximum 10): NA	
44.	Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.:	Seminars & Tutorial 1. Ischeamic Heart Disease – Prof. Vimal Mehta, G.B.Pant Hospital 2. Malaria Recent Advances- Prof. Naresh Gupta, Maulana Azad Medical College 3. HIV Current Scenario – Prof. B.B.Riwari, PGIMER &Dr RML Hospital, N.Delhi
45.	List the teaching methods adopted by the faculty for different programmes.:	1. Didactic lectures 2. Seminars 3. Tutorials 4. Bed side teaching. 5. CME
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	Regular theory and practical examination after each semester / professional
47.	Highlight the participation of students and faculty in extension activities.	Summer/dissertation Training Seminars Technical/Article Writing Participated in a. Swachh Bharat Abhiyaanon 02 October 2015 b. Walk on world diabetes day 14 Nov 2015
48.	Give details of “beyond syllabus scholarly activities” of the department.	Participation of student in : • Clinical Society Meeting • Research Society Meetings • Seminars by students on various topics: Ischeamic Heart Disease Malaria Recent Advances HIV Current Scenario • Aarzoo (1 st yr)-Short Term Studentship (STS) by ICMR

		<p>A study on HOMA-IR in young adult</p> <ul style="list-style-type: none"> • E - poster competition on World Tuberculosis Day on 24th March 2014 • Seminar on world diabetes day 14 Nov 2015
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details.:	MCI
50.	Briefly highlight the contributions of the department in generating new knowledge,	Teaching of under graduate students of MBBS the art and practice of Medicine
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	<p>a. Strengths</p> <ol style="list-style-type: none"> 1. Strong dedicated faculty 2. Well trained residents senior & junior 3. Large clinical material both outpatient as well as in patients 4. Regular bedside teaching in the wards <p>b. Weaknesses</p> <ol style="list-style-type: none"> 1. Formative stage of the Institution 2. Research activity 3. Rapid turnover of faculty members <p>c. Opportunities</p> <ol style="list-style-type: none"> 1. Developing infrastructure 2. Providing appropriate patient care and teaching 3. Starting of specialty clinics <p>d. Challenges</p> <ol style="list-style-type: none"> 1. Extending awareness in the community 2. To be counted the best department in the Institute
52.	Future plans of the department:	Starting of Post Graduate course in the Department

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	MICROBIOLOGY	
2.	Year of establishment:	2011	
3.	Is the Department part of a School/Faculty of the university?	Yes department is a part of the HIMSR, Jamia Hamdard University.	
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	<ol style="list-style-type: none"> 1. MBBS 2. Ph.D. (Microbiology) 3. Msc -Medical Microbiology 	
5.	Interdisciplinary programmes and departments involved:	Programmes	Department
		<ol style="list-style-type: none"> 1. BSc. Medical Laboratory Techniques, 2. BSc Cardiology Laboratory Techniques, 3. BSc. Operation Theatre Techniques, 4. BSc. Optometry Techniques, 5. BSc. Dialysis Techniques, 6. BSc. Emergency Trauma Care Techniques, 7. BSc. Medical Record & Health Information Management 8. BSc. Medical Imaging Techniques 9. Diploma X-ray & ECG 10. Diploma Operation Theatre Techniques 11. Diploma Dialysis Techniques 12. Diploma Medical Record & Health Information Techniques 	Department of Paramedical Sciences
		<ol style="list-style-type: none"> 13. BSc. Physiotherapy Techniques 14. BSc. Occupation Therapy 	Department of Rehabilitation Sciences
		<ol style="list-style-type: none"> 15. BSc. Nursing 16. Post Basic Nursing 17. DGNM 	Department of nursing
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA	
7.	Details of programmes discontinued, if any, with reasons:	NA	
8.	Examination System: Annual/Semester/Trimester	Semester and annual as per MCI	

	/Choice Based Credit System:					
9.	Participation of the department in the courses offered by other departments:	1. Department of Paramedical Sciences 2. Department of Rehabilitation Sciences 3. Department of nursing				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor	1	1	1	
		Associate Professors	1	1	1	
		Asst. Professors	2	2	2	
		Demonstrators	3	3	3	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil students guided for the last 5 years
	Prof. Mridu Dudeja	MBBS, MD MBA	Professor & HOD	Microbiology	16 Year, 5 M	MD Unani Medicine-1 M Pharm- 3
	Dr. Rachna Tewari	MBBS, MD	Associate Professor	Microbiology	7 Year, 4 M	NIL
	Dr. Mehvash Haider	MBBS, MD	Assistant Professor	Microbiology	5 Year, 4 M	NIL
	Dr. Azra S Hasan	MBBS, MD	Assistant Professor	Microbiology	5 Year, 2 M	NIL
	Dr. Saba Alam	MBBS	Demonstrator	Microbiology	5 Year	NIL
	Mrs. Shyamasree Nandy	MSc. Medical Microbiology	Demonstrator	Microbiology	4 Year, 11 M	NIL
	Mr. Ayan K Das	MSc. Medical Microbiology	Demonstrator	Microbiology	4 Year, 11 M	NIL
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	NIL				
13.	Percentage of classes taken by temporary faculty – programme-wise information:	NA				
14.	Programme-wise Student Teacher Ratio:	Programmes			Student teacher ratio	

		MBBS	3 : 1
		MSc	0.57/1
		PhD	1:1
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation	Sanctioned	Filled/actual
	Technician	09	09
	Attendant	01	01
	Administration Staff	01	01
16. Research thrust areas as recognized by major funding agencies:	a) Tuberculosis b) Dengue c) Drug resistance d) Hepatitis B c) Hepatitis C d) Diarrhoeal Diseases		
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:	NIL		
18. Inter-institutional collaborative projects and associated grants received:	NIL		
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	NIL		
20. Research facility/centre with: state recognition national recognition international recognition	NIL		
21. Special research laboratories sponsored by/created by industry or corporate bodies:	None		
22. Publications: (last 5 years):	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): 20 • Monographs • Chapters in Books: • Edited Books • Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers) 		
Publications:			

1. Das A K, Nandy S, Dudeja M. (2015) Prevalence of aac(6')-Ie-aph(2'')-Ia gene and drug resistance pattern of Enterococcus isolated in a tertiary care hospital. International Journal of Community Medicine and Public Health. 2(4): 520-525. ISSN : 2394-6032 **Impact Factor-Index Copernicus value ICV 2014:83.51**
2. Nandy S., Das A. K., Dudeja, M., Tiwari, R.Haider M, Hassan A. (2015) Prevalence of Metallo beta lactamase in clinical isolates of Pseudomonas aeruginosa from a tertiary care hospital of South Delhi. International Journal of Community Medicine and Public Health. 2(4): 566-569. ISSN : 2394-6032 **Impact Factor-Index Copernicus value ICV 2014:83.51**
3. Tewari R, Jamal S, Dudeja M. (2015) Antimicrobial resistance pattern of Salmonella entericaservars in Southern Delhi. International Journal of Community Medicine and Public Health. 2(3): 254-258. ISSN : 2394-6032 **Impact Factor-Index Copernicus value ICV 2014:83.51**
4. Banoo S, Alam M.S, Javed K, Dudeja M, Das A.K, Dhulap A. (2015) Synthesis antimicrobial and molecular docking studies of some pyrazolines and ishaazolines derivatives. European Journal of Medicinal Chemistry. 95:96-103. ISSN: 0223-5234 **Impact factor: 3.447**
5. Fatima E, Anwar A, Dudeja M, Akhtar M, Najmi AK. (2015) Drug utilization pattern and adverse drug reaction monitoring in urinary tract infection patients in a tertiary care hospital. Journal of Drug Delivery & Therapeutics. 5(6):23-30. ISSN: 2321-7162 **Impact Factor-3.2**
6. Tewari R, Jamal S, Dudeja M. (2015) Mobiles and pens of hospital staff, patients and visitors found to carry MRSA. National Journal of Laboratory Medicine. 4(4):19-23. ISSN-2277-8551
7. Kapur P, Das A K, Kapur P R, Dudeja M (2014) Balantidium coli liver abscess: first case report from India. Journal of Parasitic Diseases. DOI 10.1007/s12639-014-0464-0. ISSN: 0975-0703
8. Tewari R, Dudeja M, Das A K, & Nandy S. (2014) Isolation of Aeromonas salmonicida from human blood sample- A case report. Journal of clinical and diagnostic research. 8(2):139-140. ISSN-9073-709X **Impact factor-0.23**
9. Haider M, Rizvi M, Fatima N, Shukla I, Malik A.(2014) Necessity of detection of ESB, Amp C and MBL in Gram negative bacteria isolated from clinical specimens. Muller Journal of Medical Science and Research. 5(1):23-28. ISSN: Print -0975-9727
10. Hussain J H, Loomba P S, Jaggi T, Haider M, Banerjee P, Mishra B, Dogra V. (2014) Aspergillus flavus endocarditis: a case report. DHR International Journal of Medical Sciences (DHR-IJMS) 5(2): 79-82. ISSN: 2278-831X **Impact Factor-0.422**
11. Tewari, R., Dudeja, M., Das, A. K., & Nandy, S. (2013). Kocuria Kristinae in Catheter Associated Urinary Tract Infection: A Case Report. Journal of Clinical and Diagnostic Research, 7(8), 1692. ISSN-9073-709X **Impact factor-0.23**
12. Das A K, Nandy S, Dudeja M, Tewari R, & Alam S.(2013) The Incidence of Nocardiosis at Pulmonary and Extra–Pulmonary Sites. Journal of Clinical and Diagnostic Research. 7(7), 1427. ISSN-9073-709X **Impact factor-0.23**
13. Nandy, S., Dudeja, M., & Das A K, A.Tewari R. (2013) Community Acquired Bacteremia by Sphingomonas Paucimobilis. Journal of Clinical and Diagnostic Research. 7(12):2947 ISSN-9073-709X **Impact factor-0.23**
14. Nandy, S., Das, A. K., Dudeja, M., Tiwari, R., & Alam, S. (2013) Brevundimonas Vesicularis Bacteremia in a Neonate: A Rare Case Report. National Journal of Integrated Research in Medicine, 4(8):312-315. ISSN: 2230 – 9969 **Scientific Journal Impact Factor = 2.507**
15. Haider M, Banerjee P, Jaggi T, Husain J, Mishra B, Thakur A, Dogra V, Loomba P.(2013) Post-operative sinus formation due to Mycobacterium abscessus: A Case report. Indian Journal of Tuberculosis. 60: 177-179. ISSN: 0019-5707
16. Haider M, Sharma A, Dogra V, Mishra B (2013). Isospora spp. in chronic diarrhoea: A Case report. Journal of Pharmacy and Bioallied Sciences, 5(4):327-328. ISSN: Print -0976-4879

	<p>17. Banerjee P, Haider M, Trehan V, Mishra B, Thakur A, Dogra V, et al.(2013) Cryptococcus laurentiiFungemia. Indian Journal of Medical Microbiology; 31(1):75–7. ISSN: Print -0255-0857 Impact factor- 0.882</p> <p>18. Venugopal V, Haider M.(2013) First case report of acute hemorrhagic leucoencephalitis following Plasmodium vivax infection. Indian Journal of Medical Microbiology; 31(1):79–81. ISSN: Print -0255-0857 Impact factor- 0.882</p> <p>19. Dudeja M, Nandy S, Das A.K, Alam S, Tewari R.(2012) Prevalence of intestinal parasites in slum areas of southern Delhi.. International Journal of Microbiology Research; 4(8):312-315. ISSN : 0975-5276 Impact factor Index Copernicus Value (ICV) : 7.25 (2012)</p> <p><u>Book/ Chapter</u></p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Authors/editors (list all)</th> <th>Title</th> <th>ISBN</th> <th>Year of publication</th> <th>Publishers including city</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Dr. Azra S Hasan</td> <td>Clinical Learning e-book</td> <td>E9788131235645</td> <td>2014</td> <td>Elsevier Publication</td> </tr> </tbody> </table> <p>Citation And H-index: (Google Search)</p> <table border="1"> <thead> <tr> <th>Name of the Faculty</th> <th>Citations</th> <th>h-index</th> </tr> </thead> <tbody> <tr> <td>Prof. Mridu Dudeja</td> <td>19</td> <td>3</td> </tr> <tr> <td>Dr. Rachna Tewari</td> <td>71</td> <td>2</td> </tr> <tr> <td>Dr Azra Hasan</td> <td>157</td> <td>6</td> </tr> <tr> <td>Dr Mehvash Haider</td> <td>34</td> <td>3</td> </tr> <tr> <td>Dr Saba Alam</td> <td>4</td> <td>1</td> </tr> <tr> <td>Shyamasree Nandy</td> <td>18</td> <td>3</td> </tr> <tr> <td>Ayan Kumar Das</td> <td>19</td> <td>3</td> </tr> </tbody> </table>	Sl. No.	Authors/editors (list all)	Title	ISBN	Year of publication	Publishers including city	1.	Dr. Azra S Hasan	Clinical Learning e-book	E9788131235645	2014	Elsevier Publication	Name of the Faculty	Citations	h-index	Prof. Mridu Dudeja	19	3	Dr. Rachna Tewari	71	2	Dr Azra Hasan	157	6	Dr Mehvash Haider	34	3	Dr Saba Alam	4	1	Shyamasree Nandy	18	3	Ayan Kumar Das	19	3
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Ayan Kumar Das	19	3																																			
23.	Details of patents and income generated:	NIL																																			
24.	Areas of consultancy and income generated:	NIL																																			
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	NIL																																			
26.	<p>Faculty serving in:</p> <p>(xxxvii) National committees:</p> <p>(xxxviii) International committees</p> <p>(xxxix) Editorial Boards of journals</p> <p>(xl) any other (please specify)</p> <p><u>Dr. Mridu Dudeja:</u></p> <p>i. Member -Task Force, MOHFW (Ministry of Health and family welfare)</p> <p>ii. Member- IAMM(Indian association of Medical Microbiology)</p> <p>iii. Assessor-NABL (National Accreditation Board for testing and calibration laboratories)</p> <p><u>Dr. Mehvash Haider:</u></p> <p>i. Member-IAMM (Indian association of Medical Microbiology)</p> <p>ii. Member- HISI- (Hospital Infection Society India)</p> <p><u>Dr. Azra S Hasan:</u></p> <p>i. Member-IAMM- (Indian association of Medical Microbiology)</p> <p>ii. Member MEU (Medical Education Unit-MCI approved)</p>																																				

<p>27.</p>	<p>Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):</p>				
	<p>S. N.</p>	<p>Name of faculty member</p>	<p>Title of programme</p>	<p>Institution where attended</p>	<p>Duration (dates)</p>
	<p>1.</p>	<p>Dr. Mridu Dudeja Dr Rachna Tewari Dr Saba Alam Shymasree nandy Ayan Das</p>	<p>Workshop on "Diagnostic Microbiology: Newer Trends and Advances"</p>	<p>Jamia Hamdard</p>	<p>21st Dec, 2013</p>
	<p>2.</p>	<p>Dr. Mridu Dudeja</p>	<p>NABL & ISO Certification</p>	<p>Gurgaon</p>	<p>12th -13th Jan, 2013</p>
	<p>3.</p>	<p>Dr. Mridu Dudeja</p>	<p>Dignity in Mental Health Creating Awareness</p>	<p>JH</p>	<p>6-12 Oct, 2015</p>
	<p>4.</p>	<p>Dr. Mridu Dudeja</p>	<p>Workshop, Participated in workshop on written Assessment Techniques organized by MEU</p>	<p>JH</p>	<p>20th Oct, 2015</p>
<p>28.</p>	<p>Student projects:</p>		<ul style="list-style-type: none"> Percentage of students who have done intra-departmental projects. Parasitology model building Project- 100% percentage of students doing projects in collaboration with other universities/ industry/institute : 1 Project ICMR (STS) 		
<p>29.</p>	<p>Awards /recognitions received at the national and international level by:</p> <ul style="list-style-type: none"> Faculty <p>Dr. Mridu Dudeja Gold Medal (FMS) 2012</p>				
<p>30.</p>	<p>Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:</p>				
	<p>Title Seminars/Conferences/ Workshops</p>	<p>Dates</p>	<p>No. of participants</p>	<p>Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme)</p>	<p>Source of Funding</p>
	<p>Seminar “Fight the bite reloaded”</p>	<p>27th Oct, 2015</p>	<p>120</p>	<p>Dr. Navin Khanna Dr. Raman Sadana – Apollo Indraprasta</p>	<p>JH</p>
	<p>Symposium to celebrate Global Hand washing day</p>	<p>5th May,2015</p>	<p>100</p>	<p>Dr. Sumi, Associate Prof., ESI Dr. B. Tarai, Consultant Max Saket</p>	<p>JH</p>
	<p>National CME and Workshop on Diagnostic Microbiology: Newer Trends and Advances</p>	<p>21st December 2013</p>	<p>30</p>	<p>Dr V M Katoch-DG,ICMR Dr. Shashi khare- Director NCDC Dr. Anita Chakravarti-</p>	<p>ICMR</p>

				Director prof- MAMC Dr. Beena Uppal- Director prof- MAMC Dr. Atul kumar Johri Dr. V G Ramachandran- Prof- UCMS Dr. Bansidhar Tarai- Sr Consultant Max Dr. V K sharma Dr. Jagdish Chander- Prof GMC chnadigarh Dr. Usha K Baveja- Prof (Medanta) Dr. Charoo Hans- Prof Head, RML hospital Dr Anuradha Chowdhary Dr. Navin Kumar	
	CME Crimean Congo haemorrhagic fever	24th FEB,2011	150	Dr. V M Katoch- DG, ICMR Dr. V G Ramachandran – Prof. UCMS Dr. N P Singh Dr. A Prakash Dr. S Agarwal	ICMR
	Symposium World AIDS Awareness Day	1 st Dec, 2011	70	Prof. CS Pandav Prof. Jugal Kishor Prof. VG Ramachandran – Prof. UCMS Prof. Anuradha Prof. S N Bhattacharya Dr. S Sinha Dr. Sarmmad Hanif	ICMR
31.	Code of ethics for research followed by the departments:	Institutional review Board of Jamia Hamdard			
32.	Student profile programme-wise:				
	Name of the Programme (refer to question/point no. 4)	Applications received	Selected		Pass percentage
			Male	Female	
	MBBS-2012	2997	36	64	89%
	MBBS-2013	4332	64	36	93.2%
	MBBS-2014	5698	51	49	-
	MBBS-2015	8000	60	40	-
	M.Sc-2015	32	1	3	-
	PhD	5	2	0	-
33.	Diversity of students:				

	Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries										
	MBBS	NA	NA	NA	NA										
	MSc	1	1	2	-										
	PhD			1	-										
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	NIL													
35.	Student progression: NA														
36.	Diversity of staff:	<table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2">Percentage of faculty who are graduates</th> </tr> </thead> <tbody> <tr> <td>of the same university</td> <td>NIL</td> </tr> <tr> <td>from other universities within the State</td> <td>1</td> </tr> <tr> <td>from universities from other States</td> <td>6</td> </tr> <tr> <td>from universities outside the country</td> <td>NIL</td> </tr> </tbody> </table>				Percentage of faculty who are graduates		of the same university	NIL	from other universities within the State	1	from universities from other States	6	from universities outside the country	NIL
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of the same university	NIL														
from other universities within the State	1														
from universities from other States	6														
from universities outside the country	NIL														
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	NIL													
38.	Present details of departmental infrastructural facilities with regard to	1) Library:134 books 2) Internet facilities for staff and student: yes, wifi 3) Total no of class room: 4 lecture hall +1 demo room 4) Class room with ICT facility: ALL 5) Students laboratories: 1 6) Research lab: 1													
39.	List of doctoral, post-doctoral students and Research Associates:	NA													
40.	Number of post graduate students getting financial assistance from the university:	NIL													
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:	Yes. Board of studies BOS- MSc PhD- 29/05/2013 BOS-MBBS- 29/12/2011													
42.	Does the department obtain feedback from:	i) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? : Yes, the feedback is used to make necessary changes in curriculum and teaching learning activity (ii) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? : Yes, to													

		improve Methodology of Teaching, Curriculum & assessment and amendments as per the effective feedback
43.	List the distinguished alumni of the department (maximum 10): NA	
44.	Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts:	<ul style="list-style-type: none"> • Hand Hygiene Day, 5th May 2015 • Dengue Symposia “Fight the bite- Reloaded” in collaboration with Microbiology JH 27th Oct, 2015 • Dengue Symposia 1th Oct, 2013 • World AIDS Day- 2013 Symposium • World AIDS Day- 2011 Symposium, Organized with the fund support from ICMR & JH to spread awareness among youth. • Symposium on Crimean Congo Hemorrhagic Fever Organized with the help of ICMR on 24th February 2011, HIMSR, Jamia Hamdard
45.	List the teaching methods adopted by the faculty for different programmes:	<ol style="list-style-type: none"> 1. Lectures 2. Tutorials 3. Flipped classrooms 4. Practicals 5. E books: www.clinicallearning.com 6. Role play by faculty
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored:	Student feedback, assessment results, Quiz, presentations
47.	Highlight the participation of students and faculty in extension activities.	<ol style="list-style-type: none"> 1. Role play for Dengue awareness- 27th Oct 2014 2. Role play for hand hygiene awareness- 5th may 2015 3. Role play for HIV awareness 1 Dec 2012 4. Editorial board Hamdardian magazine 5. Organizing Committee ISARCON
48.	Give details of “beyond syllabus scholarly activities” of the department.	<ol style="list-style-type: none"> 1. Pamphlet made for Dengue awareness-27th Oct 2014 2. Pamphlet made for HIV awareness – 1 Dec 2011 3. Speaker in antibiotic stewardship symposium to create awareness among students- Dr Mridu Dudeja -16-21 Nov 2015 4. Hands on training on BMW for students – Dr Azra-5th may 2015 5. STS Project(ICMR)- Dr Mehvash haider 6. Research cell and RPAC member
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details:	MCI (Department), EQAS (External Quality Assurance System-Lab)

50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	Research involving various infectious diseases using clinical samples coming to the microbiology department to generate information and knowledge about current trend of diseases and to evaluate newer techniques of laboratory diagnosis methodologies.
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	<p>Strengths</p> <ol style="list-style-type: none"> 1. MCI accredited Under Graduate teaching facility with competent & experience faculty available. 2. 7 labs parting to various divisions of Microbiology available. 3. Round the check hospital Lab service available. 4. New Molecular services are being established. <p>Weaknesses: Less exposure to international collaboration</p> <p>Opportunities: 1. Post-graduation medical courses 2. Collaboration with other universities/ institutes</p> <p>Challenges</p> <ol style="list-style-type: none"> 17. To maintain standard in the competitive environment
52.	Future plans of the department.	<ol style="list-style-type: none"> 1. Introduction of Post graduate course and its accreditation by MCI. 2. Opening of accredited “Integrated Counselling and Testing Center” for HIV, AID. 3. RNTCP accredited lab for diagnosis of TB and making available DST Service for TB & MTDR TB

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	OPHTHALMOLOGY				
2.	Year of establishment:	2011				
3.	Is the Department part of a School/Faculty of the university?	Yes, Hamdard Institute of Medical Sciences & Research				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	MBBS				
5.	Interdisciplinary programmes and departments involved:	B.Sc. Optometry, Department of Paramedical Sciences				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	Nil				
7.	Details of programmes discontinued, if any, with reasons:	Nil				
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	Professional Examinations, as per Medical Council of India Guidelines				
9.	Participation of the department in the courses offered by other departments:	B.Sc. Optometry of Department of Paramedical sciences B. Sc Physiotherapy Techniques, Department of Rehabilitation & Allied Health Sciences				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor	01	00	01	
		Associate Professors	01	01	01	
		Assistant Professors	01	01	01	
		Senior Residents	01	02	02	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Dr. Hina Kauser	MBBS, MS	Associate Professor	Ophthalmology	14	-
	Dr Taskin Khan	MBBS, MS	Assistant Professor	Ophthalmology	19	-

	Dr. Sadaf Abbasi	MBBS	Senior Resident	Ophthalmology	03	-
	Dr. Arshi	MBBS	Senior Resident	Ophthalmology	03	-
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		NIL			
13.	Percentage of classes taken by temporary faculty – programme-wise information:		NA			
14.	Programme-wise Student Teacher Ratio:		Programme		Student teacher ratio	
			MBBS		3:1	
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		Designation		Sanctioned	Filled/actual
			OPTOMETRIST		01	01
16.	Research thrust areas as recognized by major funding agencies:		<ul style="list-style-type: none"> • Childhood Blindness with stress on prevention and management • Glaucoma with emphasis on early diagnosis and treatment • Diabetic retinopathy with stress on epidemiological studies • Control of preventable blindness especially cataract 			
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: NIL					
	Name of the faculty	Title of the Ongoing project		National/International funding agencies/Tenure	Grant received	
18.	Inter-institutional collaborative projects and associated grants received:		NIL			
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):		Nil			
20.	Research facility/centre with:		Nil			
21.	Special research laboratories sponsored by/created by industry or corporate bodies:		None			
22.	Publications: (last 5 years):					

		<ul style="list-style-type: none"> Number of papers published in peer reviewed journals (national / international): 08 <p>Publications:</p> <ol style="list-style-type: none"> Kauser H., Jain P, Sharma S, Aneja S. (2015) Complete Bilateral Ophthalmoplegia with Unilateral Facial Palsy in a Child with Anti-GQ1b Syndrome. Indian J Pediatr. Vol. 82 (2): 192-194. ISSN: 0019-5456 (Print) 0973-7693 (Online)IF 0.867 Khan T. (2015) Is There a Critical Period for Amblyopia Therapy? Results of a Study on Older Anisometropic Amblyopes. Journal of Clinical and Diagnostic Research.Vol.9(8): NC01-NC04 ISSN 0973-709X; IF 0.23 Kauser H., Qadir M. (2014) Tobacco Smoking: A Preventable Risk Factor of Various Eye Diseases. Sch. J. App. Med. Sci. Vol.2(3B):976-978 ISSN 2320-6691 Kauser H. (2014) Mirror Image Anisohypermetropia with Unnoticed Amblyopia in a Sister and Two Brothers. International Journal of Recent Trends in Science and Technology. Vol. 10(1): 130-132 ISSN:2277-2812 IF 1.4 Kauser H., Anwar W., Qadir M. (2014) Acute Angle Closure Glaucoma Can Be a Cause of Red Painful Eye in a High Myope: A Rare Combination. Med Pulse – International Medical Journal. Vol. 1(1): 25-26 ISSN2348-2516 Kauser H., Anwar W., Rashid O. (2014). Orbital Oculomotor Nerve Schwannoma Extending to Cavernous Sinus- Rare Case of Proptosis. Journal of Ophthalmic & Vision Research. Vol. 9 (4): 514-516 PMC 4329715 Kauser H., Qadir M. (2014). Ocular Side Effect of Tinidazole - A Rare Case Report. Journal of Family Medicine and Primary Care. Vol.3 (4) : 467-469 ISSN: Print -2249-4863, Online - 2278-7135 Khan T. (2013) <i>Burkholderia cepacia</i>: Rare Cause of Postsurgical Acute Endophthalmitis JCRS Online Case Reports; Vol.1 :(e1–e2) ISSN2214-1677 <ul style="list-style-type: none"> Monographs: Nil Chapters in Books: Nil Edited Books: Nil Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers) NA Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) <ul style="list-style-type: none"> Citation Index – range/average Nil SNIP-NIL SJR-NIL Impact Factor – range/average 0-2.5 h-index -Nil
23.	Details of patents and income generated:	NIL
24.	Areas of consultancy and income generated:	NIL
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	NIL
26.	Faculty serving in: (xli) National committees: Nil	

	(xlii) International committees: Nil (xliii) Editorial Boards of journals: Nil (xliv) any other (please specify): Nil			
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):			
	Name of faculty member	Title of programme	Institution where attended	Duration (dates)
	Dr. Hina Kauser	Workshop on written Assessment Techniques	HIMSR, Jamia Hamdard	20 th Oct, 2015
	DR.TASKIN KHAN	Basic Course workshop in Medical Education Technologies	MAMC, NEW DELHI	16 th – 18 th April, 2015
		Workshop on Clinical Research and Bioethics	HIMSR, Jamia Hamdard	24 th Feb, 2015
		Workshop on written Assessment Techniques	HIMSR, Jamia Hamdard	20 th Oct, 2015
		4 th National Symposium on Recent advances in analytical Sciences and application	Jamia Hamdard	Feb, 9-10, 2015
		Workshop in Avoidance & Management of cataract surgery complications	I-care Hospital NOIDA	30 th March, 2014
		Course on comprehensive Disaster Risk management Framework	Global Facility for disaster risk Reduction and Recovery & NIDM	15 th July- 23 rd August, 2013
		Workshop on Diagnostic Microbiology: Newer Trends and Advances	Department of Microbiology, HIMSR, JH, New Delhi	21 st Dec, 2013
		Workshop on Basic Life Support “ Skill to help save lives “ organized by American Heart Association	HIMSR, Jamia Hamdard	7 th Feb, 2012
Workshop on Teaching methodology		HIMSR, Jamia Hamdard	30 th July, 2012	

		Symposium on Role of medical colleges in making schools/ university tobacco free campus	Department of Medicine, HIMSR, Jamia Hamdard	30 th July, 2011																
		Symposium on HIV/AIDS Awareness among youth of JH	Department of Microbiology, HIMSR, JH,	31 st – 1 st Nov, 2011																
	Dr. Sadaf Abbasi	Neuro-ophthalmology course for post graduates,	Department of Ophthalmology, SGPGI, Lucknow UP	2014																
		AIOS Post graduate course in ophthalmology	Advanced eye Centre PGI, Chandigarh	2014																
28.	Student projects:	<ul style="list-style-type: none"> percentage of students who have done projects in other Universities/Institutions <p style="text-align: center;">NIL</p>																		
29.	Awards /recognitions received at the national and international level by: <ul style="list-style-type: none"> Faculty <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">S. No</th> <th style="width: 20%;">Faculty</th> <th style="width: 60%;">Award/Recognition</th> <th style="width: 10%;">Year</th> </tr> </thead> <tbody> <tr> <td rowspan="2" style="text-align: center;">1</td> <td rowspan="2" style="text-align: center;">Dr. Taskin Khan</td> <td>Fellowship in Phacoemulsification Techniques, I-care Hospital, NOIDA, UP</td> <td style="text-align: center;">2012</td> </tr> <tr> <td>Certificate on successfully completing a course in comprehensive Disaster Risk management Framework, Global Facility for disaster risk Reduction and Recovery & National Institute of Disaster Management, New Delhi</td> <td style="text-align: center;">2013</td> </tr> <tr> <td rowspan="2" style="text-align: center;">2</td> <td rowspan="2" style="text-align: center;">Dr. Sadaf Abbasi</td> <td>Award paper presentation at DOS Annual conference on ‘ Macular findings in Retinitis Pigmentosa’</td> <td style="text-align: center;">2014</td> </tr> <tr> <td>Award paper presentation in UP state conference, Noida on ‘ Role of Neoadjuvant Chemotherapy in case of Retinoblastoma’</td> <td style="text-align: center;">2014</td> </tr> </tbody> </table> <p>Post doc: NA</p> <p>PhD: NA</p>				S. No	Faculty	Award/Recognition	Year	1	Dr. Taskin Khan	Fellowship in Phacoemulsification Techniques, I-care Hospital, NOIDA, UP	2012	Certificate on successfully completing a course in comprehensive Disaster Risk management Framework, Global Facility for disaster risk Reduction and Recovery & National Institute of Disaster Management, New Delhi	2013	2	Dr. Sadaf Abbasi	Award paper presentation at DOS Annual conference on ‘ Macular findings in Retinitis Pigmentosa’	2014	Award paper presentation in UP state conference, Noida on ‘ Role of Neoadjuvant Chemotherapy in case of Retinoblastoma’	2014
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30.	Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:																			

	Title Seminars/Conferences/ Workshops	Dates	No. of participants	Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme)			
	Seminars/Conferences NIL						
	Workshops						
	Workshop on Contact Lens, Bausch & Lomb Master Mind Plus, Bausch & Lomb International University & Department of Ophthalmology, Jamia Hamdard	Oct-Dec, 2015	08	Mr Kem Raj Ms Kritika			
31.	Code of ethics for research followed by the departments:	As per Indian Council of Medical Research					
32.	Student profile programme-wise:						
	S.L	Name of the Programme	Year	Application Received	Total No. of Student		Pass Percentage (%)
					Male	Female	
	1.	MBBS	2012	2997	36	64	NA
			2013	4332	64	36	NA
			2014	5698	51	49	NA
			2015	8000	60	40	NA
33.	Diversity of students:						
	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries		
	MBBS	NA					
	B. Sc Optometry	2015	40%	60%	1%		
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	NA					
35.	Student progression: NA						
	Student progression			Percentage against enrolled			
	UG to PG						
	PG to M.Phil.						

	PG to Ph.D.											
	Ph.D. to Post-Doctoral											
	Employed											
	<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 											
	Entrepreneurs	--										
36.	Diversity of staffs											
	<table border="1"> <thead> <tr> <th>Percentage of faculty who are graduates</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>of the same university</td> <td>Nil</td> </tr> <tr> <td>from other universities within the State</td> <td>Nil</td> </tr> <tr> <td>from universities from other States</td> <td>100</td> </tr> <tr> <td>from universities outside the country</td> <td>Nil</td> </tr> </tbody> </table>	Percentage of faculty who are graduates	%	of the same university	Nil	from other universities within the State	Nil	from universities from other States	100	from universities outside the country	Nil	
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from universities from other States	100											
from universities outside the country	Nil											
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	None										
38.	Present details of departmental infrastructural facilities with regard to	Infrastructure as per MCI recommendations Lecture Theaters: 04 (common) Demonstration Rooms :02 OPDs: 04 Procedure room:01 Instrument room:01 Dark room:01 Refraction room:01 Operation theater: 01 Minor OT-01(common with ENT)										
39.	List of doctoral, post-doctoral students and Research Associates:	(iv) from the host institution/university None										
40.	Number of post graduate students getting financial assistance from the university:	NA										
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:	NA										
42.	Does the department obtain feedback from:	Yes, from faculty as well as students through Medical Education Unit of HIMSR for MBBS program										
43.	List the distinguished alumni of the department (maximum 10):	NA										
44.	Give details of student enrichment programmes (special lectures/workshops/seminar)	<ul style="list-style-type: none"> • Master mind Plus, Workshop on Contact Lens, organized by the department of Ophthalmology in collaboration with Bausch & Lomb International University, 6 Lectures from Oct-Dec, 2015 										

	<p>involving external experts:</p>	<ul style="list-style-type: none"> • Participated in Optometry Explorer, 5th – 6th Dec, 2015, AIIMS, New Delhi • Participated and won awards in Optometry Quiz, Debate, in World Sight Day Celebrations 2015 at AIIMS, New Delhi • World Glaucoma Week celebrations, 9th to 14th March 2015, a held at HAHC Hospital, Urban & Rural Health Training Centers of Hamdard Institute of Medical Sciences & Research, Jamia Hamdard. • Health camp by the Dept. of Dentistry and Ophthalmology in association with Women CAN, on 15th March 2015, at Batla House, New Delhi • Diabetes day and eye check up camp at RHTC, Madanpur Khadar, organized by the Department of Community Medicine & Ophthalmology, 15th November 2014 • World AIDS Day- 2011, Organized by the department of Paramedical sciences along with the Department of Microbiology
<p>45.</p>	<p>List the teaching methods adopted by the faculty for different programmes:</p>	<ol style="list-style-type: none"> 7. Interactive classroom teaching using chalk & board, power point presentations & other audio-visual aids 8. Group Discussions 9. Problem based teaching 10. Smart Class Rooms 11. Projects 12. Special classes for foreign students and slow learners whenever required 13. Educational visits to factories, Conferences, Workshops, Health camps 14. Skill teaching / training in real life hospital settings and on models
<p>46.</p>	<p>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?</p>	<ol style="list-style-type: none"> 1. Through regular evaluation in the form of case discussions 2. Evaluation of Internal Assessment of students 3. Formative assessment and Semester Examinations 4. Pass percentage 5. By feedback from teachers & students 6. By conducting seminars, health camps 7. By evaluating project work and assignments
<p>47.</p>	<p>Highlight the participation of students and faculty in extension activities.</p>	<ul style="list-style-type: none"> • Health Camps • Community services, screening camps • Seminars • Literary activities- contributing in College magazine • Participation in sports and Cultural activities of the university • Inter-institutional participation in sports and Cultural activities • Participated in Optometry Explorer, 5th – 6th Dec, 2015, AIIMS, New Delhi • Participated and won awards in Optometry Quiz, Debate, in World Sight Day Celebrations 2015 at AIIMS, New Delhi • World Glaucoma Week celebrations, 9th to 14th March 2015, a held at HAHC Hospital, Urban & Rural Health Training Centers of Hamdard Institute of Medical Sciences & Research, Jamia Hamdard.

		<ul style="list-style-type: none"> • Health camp by the Dept. of Dentistry and Ophthalmology in association with Women CAN, on 15th March 2015, at Batla House, New Delhi • Dental and Eye Camp at Sewa Bharti Madhav Seva Kendra, Trilokpuri New Delhi on 24thth January 2016 organised by Woman CAN an NGO <p>Dr Hina Kauser</p> <ul style="list-style-type: none"> • Coordinator Optometry Program, Department of Paramedical Sciences, HIMSR <p>Dr. Taskin Khan</p> <ul style="list-style-type: none"> • Member, Editorial board of ‘Hamdardian’, college magazine • Member, Disciplinary committee of HIMSR • Coordinator Optometry Program, Department of Paramedical Sciences, HIMSR • Coordinator Disaster Management Program, Department of Paramedical Sciences, HIMSR <p>Ms Zainab, B. Sc Optometry</p> <ul style="list-style-type: none"> • Member, Editorial board of ‘Hamdardian’, college magazine
48.	Give details of “beyond syllabus scholarly activities” of the department.	<ul style="list-style-type: none"> • Seminars • Workshops • Master mind Plus, Workshop on Contact Lens, organized by the department of Ophthalmology in collaboration with Bausch & Lomb International University, 6 Lectures from Oct-Dec, 2015 • Projects • Factory visits
49.	State whether the programme/department is accredited/ graded by other agencies? If yes, give details:	<p>Yes, University is accredited by NAAC Faculty is accredited by Medical Council of India, New Delhi</p>
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied:	<ul style="list-style-type: none"> • Projects helping the students in understanding research methodology • Development of communication skills • Practical skill based learning in real hospital and field settings • Internship program for B. Sc Optometry students & Top Talent Scheme to provide earning while learning in HAHC Hospital • Teaching medical ethics • Community services to help develop compassion, empathy & sensitize students towards problems related to health care delivery system of the country and their solutions
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	<p>Strengths</p> <ol style="list-style-type: none"> 1. Excellent & experienced faculty to train medical & paramedical students to make an impact on Health Care

		<p>System of the country</p> <ol style="list-style-type: none"> 2. Design of the training program is skill- based and as per medical council of India regulations to be effective in imparting National Health Programs 3. Practical training is given in real life settings in hospitals as well as field <p>Weaknesses</p> <ol style="list-style-type: none"> 1.Subspecialities are limited 2.Lack of research oriented program <p>Opportunities</p> <ol style="list-style-type: none"> 11. Collaboration for interdisciplinary research 12. Postgraduate program in Optometry 13. Faculty and student exchange program Nationally and Internationally in Optometry 14. Job oriented program both in health sector and teaching and research <p>Challenges</p> <ol style="list-style-type: none"> 18. To impart ever expanding scientific knowledge to our students effectively 19. To constantly update syllabi and curriculum as per the advancements made in the field so that the students remain competent & acceptable Nationally and Internationally
<p>52.</p>	<p>Future plans of the department:</p>	<ol style="list-style-type: none"> 14. Development of Posterior segment wing 15. Collaboration with Eye Bank for Cornea harvesting 16. Development of research lab facility in the department 17. Development of Mechanical Optics Lab in collaboration with the department of Paramedical sciences

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	ORTHOPAEDICS				
2.	Year of establishment:	2011				
3.	Is the Department part of a School/Faculty of the university?	Hamdard Institute of Medical Sciences & Research , Jamia Hamdard New Delhi				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	MBBS				
5.	Interdisciplinary programmes and departments involved:	Department of Rehabilitation sciences <ul style="list-style-type: none"> • BPT • MPT • MOT 				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA				
7.	Details of programmes discontinued, if any, with reasons:	NA				
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Professional Examination system as per MCI guidelines				
9.	Participation of the department in the courses offered by other departments:	Yes with Department of Rehabilitation sciences				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor	2	2	2	
		Associate Professors	1	1	1	
		Assistant Professors	2	2	2	
		Others (Senior resident)	3	3	3	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
		MS(Ortho.),	Professor	Orthopaedics	36	Nil

	1 . Dr. Shishir Rastogi	DNB(PMR)				
	2. Dr Sandeep Kumar	M.S.	Professor	Orthopaedics	12	Nil
	3. Dr Javed Jameel	M.S.	Associate Professor	Orthopaedics	10	Nil
	4. Dr Sukhvinder Singh	M.S.	Assistant Professor	Orthopaedics	8	Nil
	5. Dr Mohd. Muzaffar Mujahid	DNB Ortho	Lecturer	Orthopaedics	10	Nil
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	NIL				
13.	Percentage of classes taken by temporary faculty – programme-wise information:	Nil				
14.	Programme-wise Student Teacher Ratio:		Programme	Student teacher ratio		
			M.B.B.S.	3:1		
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation	Sanctioned	Filled/actual		
		Office Attendant	01	01		
		OPD Attendant	01	01		
16.	Research thrust areas as recognized by major funding agencies:	<ul style="list-style-type: none"> • Bone Banking • Research on Role of Stem Cell in Orthopaedics, Osteoporosis, Rickets 				
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: NIL					
	Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure	Grant received		
18.	Inter-institutional collaborative projects and associated grants received:	NIL				
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	NIL				
20.	Research facility/centre with:	NIL				
21.	Special research	NIL				

	laboratories sponsored by/created by industry or corporate bodies:													
22.	Publications: (last 5 years):	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): • Monographs NIL • Chapters in Books: NIL • Edited Books NIL • Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers) <ol style="list-style-type: none"> 1. Sandeep Kumar¹, Zuheb Ahmed Siddiqui², Shweta Kumar², Surabhi Vyas³(2015)Hoffa Fracture Rehabilitation Saudi Journal of Sports Medicine;vol.15,issue 3:291-294 ISSN 1319-6308 IF 0.00 2. Sukhvinder Singh Basran, Sandeep Kumar, Javed Jameel, Imran Sajid (2015) Carpal tunnel syndrome: A rare manifestation of distal radius osteoid osteoma Journal of Clinical Orthopaedics and Trauma; Vol 6 (3);190-94 ISSN 0976-5662 IF 0.229 3. Amit Agarwal, Harish Chandra, Anubhav Agarwal, Namit Singhal Sandeep Kumar (Jan.- Mar. 2015) Anterior versus posterior fixation in thoracic tubercular spine Journal of US China Medical Science Volume 12, Number 1, ISSN:1548-6648 4. Mukta Pujani , Shalini Bahadur , Zeeba S Jairajpuri , Sujata Jetley, Javed Jameel (01/2015), Giant Cell Tumor Bone in an Elderly Male- an Unusual Case Misdiagnosed on MRI as a Malignant Sarcoma Indian Journal of Surgical Oncology ; DOI: 10.1007/s13193-015-0408-x ISSN 0975-7651 IF 0.00 5. Imran sajid, Sandeep Kumar, Javed jameel, Sukhvinder singh , Ashok Kumar(Mar. 2014) Orthopedic Surgeon and Scientific Publications: Understanding the Symbiosis IOSR Journal of Dental and Medical Sciences Volume 13, Issue 3 Ver. III., PP 34-42 ISSN 2279-0853 IF 1.486 6. Jameel J, Kumar S (2014) Delayed presentation of Morel-Lavallée lesion;Saudi Med J Vol. 35 (7): 750-52 7. Amit Sharma, Sukhvinder Singh Basran, Zenis Baluja (Sep-Dec 2014) Reasons of not consuming milk by medical students journal of health research and reviews vol 1, Issue 3, ISSN 2394-2010 IF 0.00 8. Published Book 												
		<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Authors/editors (list all)</th> <th>Title</th> <th>ISBN</th> <th>Year of publication</th> <th>Publishers including city</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Dr Imran/ Dr.Sukhvinder</td> <td>Know your Orthopaedics</td> <td>987-93-85247-31-6</td> <td>2015</td> <td>Education publishing Delhi</td> </tr> </tbody> </table>	Sl. No.	Authors/editors (list all)	Title	ISBN	Year of publication	Publishers including city	1	Dr Imran/ Dr.Sukhvinder	Know your Orthopaedics	987-93-85247-31-6	2015	Education publishing Delhi
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		<p>Citation And H-index: (Google Search)</p> <table border="1"> <thead> <tr> <th>Name of the Faculty</th> <th>Citations</th> <th>h-index</th> </tr> </thead> <tbody> <tr> <td>Prof. Sandeep Kumar</td> <td>1</td> <td>1</td> </tr> <tr> <td>Dr. Javed Jameel</td> <td>2</td> <td>2</td> </tr> <tr> <td>Dr. Sukhvinder Singh</td> <td>1</td> <td>1</td> </tr> </tbody> </table>	Name of the Faculty	Citations	h-index	Prof. Sandeep Kumar	1	1	Dr. Javed Jameel	2	2	Dr. Sukhvinder Singh	1	1
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Dr. Sukhvinder Singh	1	1												

	Basran																			
	Dr.Mohd Muzaffar Mujahid	0	0																	
23.	Details of patents and income generated:	NII																		
24.	Areas of consultancy and income generated:	NII																		
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	NIL																		
26.	Faculty serving in: NIL (xlv) National committees: NIL <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">S.N</th> <th style="width: 40%;">Faculty</th> <th style="width: 50%;">Life Membership</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>Prof. Shishir Rastogi</td> <td>IOA- LM521</td> </tr> <tr> <td>02</td> <td>Prof. Sandeep Kumar</td> <td>IOA- LM5171</td> </tr> <tr> <td>03</td> <td>Dr Javed Jameel</td> <td>IOA- LM8203</td> </tr> <tr> <td>04</td> <td>Dr Sukhvinder Singh Basran</td> <td>IOA- LM9048 ISKSAA- LM 245</td> </tr> </tbody> </table> (xlvi) International committees : NIL (xlvii) Editorial Boards of journals: NIL (xlviii) any other (please specify): NIL				S.N	Faculty	Life Membership	01	Prof. Shishir Rastogi	IOA- LM521	02	Prof. Sandeep Kumar	IOA- LM5171	03	Dr Javed Jameel	IOA- LM8203	04	Dr Sukhvinder Singh Basran	IOA- LM9048 ISKSAA- LM 245	
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		Jamia Hamdard	26-27 Sep. 2014																	
Dr Javed Jameel	Teaching Methodology	HAHC Jamia Hamdard	16.4.15 to 18-4-15																	
28.	Student projects:	<ul style="list-style-type: none"> percentage of students who have done in-house projects including inter-departmental projects - NIL percentage of students doing projects in collaboration with other universities/ industry/institute - NIL 																		

29.	<p>Awards /recognitions received at the national and international level by: - NIL</p> <ul style="list-style-type: none"> • Faculty <table border="1" data-bbox="358 384 1533 489"> <thead> <tr> <th>S. No</th> <th>Faculty</th> <th>Award/Recognition</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>						S. No	Faculty	Award/Recognition	Year																											
S. No	Faculty	Award/Recognition	Year																																		
30.	<p>Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any: - NIL</p> <ul style="list-style-type: none"> • Faculty • Doctoral/post doctoral fellows • Students 																																				
31.	Code of ethics for research followed by the departments:	Yes As per ICMR Guidelines																																			
32.	<p>Student profile programme-wise: NA</p> <table border="1" data-bbox="321 894 1554 1203"> <thead> <tr> <th rowspan="2">S . L</th> <th rowspan="2">Name of the Programme</th> <th rowspan="2">Year</th> <th rowspan="2">Application Received</th> <th colspan="2">Total No. of Student</th> <th rowspan="2">Pass Percentage (%)</th> </tr> <tr> <th>Male</th> <th>Female</th> </tr> </thead> <tbody> <tr> <td rowspan="4"></td> <td rowspan="4">M.B.B.S.</td> <td>2012</td> <td>2997</td> <td>36</td> <td>64</td> <td>N.A.</td> </tr> <tr> <td>2013</td> <td>4332</td> <td>64</td> <td>36</td> <td>N.A.</td> </tr> <tr> <td>2014</td> <td>5698</td> <td>51</td> <td>49</td> <td>N.A.</td> </tr> <tr> <td>2015</td> <td>8000</td> <td>60</td> <td>40</td> <td>N.A.</td> </tr> </tbody> </table>						S . L	Name of the Programme	Year	Application Received	Total No. of Student		Pass Percentage (%)	Male	Female		M.B.B.S.	2012	2997	36	64	N.A.	2013	4332	64	36	N.A.	2014	5698	51	49	N.A.	2015	8000	60	40	N.A.
S . L	Name of the Programme	Year	Application Received	Total No. of Student		Pass Percentage (%)																															
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	M.B.B.S.	2012	2997	36	64	N.A.																															
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		2015	8000	60	40	N.A.																															
33.	Diversity of students:	N.A.																																			
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	N.A.																																			
35.	<p>Student progression: NA</p> <table border="1" data-bbox="386 1541 1492 1860"> <thead> <tr> <th>Student progression</th> <th>Percentage against enrolled</th> </tr> </thead> <tbody> <tr> <td>UG to PG</td> <td> </td> </tr> <tr> <td>PG to M.Phil.</td> <td> </td> </tr> <tr> <td>PG to Ph.D.</td> <td> </td> </tr> <tr> <td>Ph.D. to Post-Doctoral</td> <td> </td> </tr> <tr> <td>Employed</td> <td> </td> </tr> <tr> <td> • Campus selection</td> <td> </td> </tr> <tr> <td> • Other than campus recruitment</td> <td> </td> </tr> <tr> <td>Entrepreneurs</td> <td>--</td> </tr> </tbody> </table>						Student progression	Percentage against enrolled	UG to PG		PG to M.Phil.		PG to Ph.D.		Ph.D. to Post-Doctoral		Employed		• Campus selection		• Other than campus recruitment		Entrepreneurs	--													
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Ph.D. to Post-Doctoral																																					
Employed																																					
• Campus selection																																					
• Other than campus recruitment																																					
Entrepreneurs	--																																				

36.	Diversity of staff:	
	Percentage of faculty who are graduates	
	of the same university	0
	from other universities within the State	10%
	from universities from other States	90%
	from universities outside the country	0
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	N.A.
38.	Present details of departmental infrastructural facilities with regard to	<ul style="list-style-type: none"> i. Library : 50 Books ii. Internet facilities for staff and students : Yes, available through WiFi iii. Total number of classrooms 1 demonstration room, apart from 4 shared lecture Theatres iv. Class rooms with ICT facility: 1+4 v. Students' laboratories: 1 vi. Research laboratories: Yes (one central Research Lab one Departmental Research Lab)
39.	List of doctoral, post-doctoral students and Research Associates:	<p>N.A.</p> <ul style="list-style-type: none"> (v) from the host institution/university (vi) from other institutions/universities
40.	Number of post graduate students getting financial assistance from the university.:	Nil
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	NA
42.	Does the department obtain feedback from: faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? (ii) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? (iii) alumni and employers on the programmes offered	N.A.

	and how does the department utilize the feedback?					
43.	List the distinguished alumni of the department (maximum 10): NA Distinguished Alumni <table border="1" style="margin-left: 40px;"><thead><tr><th>Name</th><th>Course</th><th>Batch</th><th>Present position and affiliation</th></tr></thead></table>	Name	Course	Batch	Present position and affiliation	
Name	Course	Batch	Present position and affiliation			
44.	Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.:	NIL				
45.	List the teaching methods adopted by the faculty for different programmes.:	<ul style="list-style-type: none"> • Interactive lectures • Small group discussions/ Tutorials • Seminars • Clinical case presentations • Demonstrations 				
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	<ul style="list-style-type: none"> • Through regular Case Discussions • Through Regular Assessment (Formative Assessment and Semester Exams) Through Displayed Teaching Schedule before hand 				
47.	Highlight the participation of students and faculty in extension activities.	N.A.				
48.	Give details of “beyond syllabus scholarly activities” of the department.	N.A.				
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details.:	NAAC				
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	Research and Publication				
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	Strengths <ol style="list-style-type: none"> 1. Good and trained faculty 2. Excellent infrastructure 3. Sufficient clinical exposure for MBBS students 4. Rehabilitation support for the patient 				

		<p>5. Surgeries of all types of Orthopaedics patients</p> <p>Weaknesses</p> <ol style="list-style-type: none"> 1.Lack of mediclaim empanelment 2. Post graduate course not yet started 3.Inadequate public awareness about department <p>Opportunities</p> <ol style="list-style-type: none"> 1.Being a university setup, interdisciplinary research is possible 2.Opportunity to learn from very experienced staff from various prestigious institute 3.Scope to develop the hospital to advanced joint replacement centre 4.Opportunity to establish regeneration medicine unit as nanotechnology lab is present <p>Challenges</p> <ol style="list-style-type: none"> 1. Challenge to make people aware of the hospital services 2.To get mediclaim empanelment of hospital 3.Balancing declining reimbursement with raising practice and surgery cost 4.Dealing with patients with unrealistic expectations 5.To provide cost effective , high quality orthopaedic care
<p>52.</p>	<p>Future plans of the department.:</p>	<p>-To establish bone banking unit</p> <p>-To develop state of art Stem cell therapy unit</p>

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	PARAMEDICAL SCIENCES			
2.	Year of establishment:	2001			
3.	Is the Department part of a School/Faculty of the university?	Yes, Department is a part of the HIMSR			
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	<p>UG:-</p> <p>4. BSc. Medical Laboratory Techniques, 5. BSc Cardiology Laboratory Techniques, 6. BSc. Operation Theatre Techniques, 7. BSc. Optometry Techniques, 8. BSc. Dialysis Techniques, 9. BSc. Emergency Trauma Care Techniques, 10. BSc. Medical Record & Health Information Management 11. BSc. Medical Imaging Techniques</p> <p>Diploma Courses:-</p> <p>1. Diploma X-ray & ECG Techniques 2. Diploma Operation Theatre Techniques 3. Diploma Dialysis Techniques 4. Diploma Medical Record & Health Information Techniques</p>			
5.	Interdisciplinary programmes and departments involved:	N. A.			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	MAX Health care			
7.	Details of programmes discontinued, if any, with reasons:	Nil			
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Semester			
9.	Participation of the department in the courses offered by other departments:	N.A.			
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)
		Professor	01	01	01
		Associate Professors	01	01	01
		Assistant Professors	01	01	01
		Others	---	---	02

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
Prof. Mridu Dudeja	MBBS, MD, MBA	Professor & HOD	Microbiology	16 Year, 5 M	Guided MD, MSc.
Dr. M. Iqbal Alam	Ph.D	Associate Prof.	CVS, Drug Discovery	26 Years	NIL
Dr. Taskin Khan	MD	Assistant Prof.	Ophthalmology	4 Years	NIL
Dr. Saltanat Jamal	MBBS	Lecturer	Maternal & Child Health	4 Years	NIL
Mr. Mohan Lal Bhagwat	M.Sc.	Lecturer	Medical Imaging Technology	6 Years	NIL

Co-ordinator from HIMSR

Name	Designation	Affiliation
Dr. Rachna Tewari	Associate Professor	HIMSR
Dr. Zeeba S. Jairajpuri	Associate Professor	HIMSR
Dr. Kahkashan	Assistant Professor	HIMSR
Dr. Azra S Hasan	Assistant Professor	HIMSR
Dr. Musharraf Hussain	Associate Professor	HIMSR
Dr. Javed Jamil	Assistant Professor	HIMSR
Dr. Abhinav Jain	Assistant Professor	HIMSR
Dr. Hina Kausar	Assistant Professor	HIMSR
Dr. Mushtaq Ahmad	Assistant Professor	HIMSR
Dr. Anwar Habib	Associate Professor,	HIMSR
Dr. Anjali Kochhar	Associate Professor	HIMSR
Dr. Kanika Chauhan	Assistant Professor	HIMSR
Dr. Saba Alam	Demonstrator	HIMSR
Dr. Safia Rana	Lecturer	HIMSR
Dr. P. M. Sharma	Demonstrator	HIMSR
Dr. Fauzia	Demonstrator	HIMSR
Dr. Amit Sharma	Assistant Professor	HIMSR
Dr. Zenis Baluja	Demonstrator	HIMSR

12. List of senior Visiting

Name	Designation	Affiliation
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	Fellows, adjunct faculty, emeritus professors:	Dr. Pramela Bhalla	Visiting Faculty	HIMSR
		Dr. Nuzhat Fahim	Visiting Faculty	HIMSR
		Dr. Sameena Bano	Visiting Faculty	Chemistry Dept.
		Mr. Rehbar Islam	Visiting Faculty	Computer Sciences
		Ms. Iffat Naseem	Visiting Faculty	Management
		Ms. Meenakshi	Visiting Faculty	HIMSR
		Mr Sakhi John	Visiting Faculty	HIMSR
		Ms. Seema Amin	Visiting Faculty	F/o Sciences
		Ms. Quarratul	Visiting Faculty	F/o Sciences
13.	Percentage of classes taken by temporary faculty – programme-wise information:	Name of the Programme	% of Class Taken by Temporary faculty	
		BMLT	NIL	
		BCLT	NIL	
		BOTT	20%	
		BOPT	NIL	
		BDT	20%	
		BETCT	25%	
		BMR & HIM	NIL	
		BMIT	NIL	
		DXE	NIL	
		DOTT	20%	
		DDT	20%	
		DMR & HIM	25%	
14.	Programme-wise Student Teacher Ratio:	UG & Diploma Course (Total 12 Course) : 15:1		
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation	Sanctioned	Filled/actual
		Technical Assistant	00	00
		Lab Attendant	01	01
		Office Assistant	01	01
		Office Attendant	02	02
16.	Research thrust areas as recognized by major funding agencies:	N. A.		
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:	NIL		
18.	Inter-institutional collaborative projects and associated grants received:	NIL		
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	NIL		
20.	Research facility/centre with:	N.A.		

21.	Special research laboratories sponsored by/created by industry or corporate bodies:	N. A.
22.	Publications: (last 5 years):	<p>1. Number of papers published in peer reviewed journals (national / international): 19</p> <p>2. Monographs: None</p> <p>3. Chapters in Books: 3</p> <p>4. Edited Books : None</p> <p>5. Books with ISBN with details of publishers: None</p> <p>6. Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)□</p> <p>7. Citation Index – range / average : Tabulated below</p> <p>8. SNIP : Tabulated below</p> <p>9. SJR : Tabulated below</p> <p>10. Impact Factor Range: Average:</p> <p>11. <i>h</i>-index: Tabulated below</p> <p>Publications</p> <p>[2015]</p> <ol style="list-style-type: none"> 1. Fatima E, Anwar A, Dudeja M., Akhtar M, Najmi Abul Kalam, (2015) Drug Utilization Pattern and adverse drug reaction monitoring in urinary tract infection patients in a tertiary care hospital. Journal of Drug Delivery and Therapeutics 5(6) 23-30 [IF:0.366] 2. Tewari R, Jamal S, Dudeja M. (2015) Mobiles and pens of hospital staff, patients and visitors found to carry MRSA.. NJLM; 4(4):19-23 [IF: ISSN:0975-0703]. 3. Alam, M.I., Alam, Mohammed Aftab, Alam, Ozair., Nargotra, Amit., Taneja, S.C and Koul, S., (2015) Molecular modeling and snake venom PLA2 inhibition by phenolic compounds: structure-activity relationship. In press Eur. Journal Med Chemistry (Impact factor 3.44) 4. Das A K, Nandy S, Dudeja M. (2015) Prevalence of aac(6')-Ie-aph(2'')-Ia gene and drug resistance pattern of Enterococcus isolated in a tertiary care hospital. Int J Community Med Public Health. ; 2(4): 520-525 ISSN: 2394-6032 [IF: ICV 2014:83.5]. 5. Nandy S., Das A. K., Dudeja, M., Tiwari, R.Haider M, Hassan A. (2015) Prevalence of Metallo beta lactamase in clinical isolates of Pseudomonas aeruginosa from a tertiary care hospital of South Delhi. Int J Community Med Public Health. ; 2(4): 566-569 ISSN: 2394-6032 [IF: CV 2014:83.5]. 6. Tewari R, Jamal S, Dudeja M. (2015) Antimicrobial resistance pattern of Salmonella enterica servars in Southern Delhi. Int J Community Med Public Health. ; 2(3): 254-258 ISSN : 2394-6032 [IF: ICV 2014:83.5]. 7. Banoo S, Alam M.S, Javed K, Dudeja M, Das A.K, Dhulap A. (2015) Synthesis biological evaluation and molecular docking of some substituted pyrazolines and isoxazolines as potential antimicrobial agents. European J Medicinal Chemistry.;95:96-103 [IF: 3.447].

8. Tewari R, Jamal S, Dudeja M, (2015) Title- Antimicrobial resistance pattern of Salmonella enterica serovars in south delhi. *Int J Community Medicine public health*,;2(3)254-258 [IF: ICV 2014:83.5].
9. Khan. T (2015). Is there a critical period for amblyopia therapy, Results of a study on older anisometropic amblyopes. *Journal of clinical & Diagnostic research*. Vol. 9(8): MC01-MC04 [IF: 0.23].
- [2014]
10. Kapur.P, Das A K, Kapur P R, Dudeja M. Balantidium coli liver abscess: first case report from India. *Journal of Parasitic Diseases*. 2014.DOI 10.1007/s12639-014-0464-0 [ISSN 0975-0703].
11. Tewari, R., Dudeja, M., Das, A. K., & Nandy, S.. Isolation of Aeromonas salmonicida from human blood sample- A case report.2014.JCDR. 8(2):139-140 [IF: 0.23].
12. Alam, M.I (2014) Inhibition of toxic effects of viper and cobra venom by Indian medicinal plants **Pharmacology and Pharmacy**. 5, 828-837 [IF:0.68].
13. Jamal S, Bhalla P. Review article- Labour analgesia need of the hour. *Tropical clinics of Obstetrics and gynecology* Vol1,No2, April-june 2014 e5 [IF: 0].

[2013]

14. Tewari, R., Dudeja, M., Das, A. K., & Nandy, S. (2013). Kocuria Kristinae in Catheter Associated Urinary Tract Infection: A Case Report. *Journal of clinical and diagnostic research*:2013 JCDR, 7(8), 1692 [IF: 0.23].
15. Das, A. K., Nandy, S., Dudeja, M., Tewari, R., & Alam, S. The Incidence of Nocardiosis at Pulmonary and Extra–Pulmonary Sites. *Journal of clinical and diagnostic research*: 2013 JCDR, 7(7), 1427 ISSN 9073-709X [IF:0.23].
16. Nandy, S., Dudeja, M., & Das A K, A.Tewari R. Community Acquired Bacteremia by Sphingomonas Paucimobilis. 2013. JCDR. 7(12):2947 ISSN 9073-709X [IF: 0.23].
17. Nandy, S., Das, A. K., Dudeja, M., Tiwari, R., & Alam, S. Brevundimonas Vesicularis Bacteremia in a Neonate: A Rare Case Report. 2013. *National Journal of Integrated Research in Medicine*, 4(8):312-315 [IF: 2.507].
18. Khan. T (2013). Burkholderia cepacia: Rare cause of post-surgical acute endophthalmitis. *Journal of cataract & Refractive surgery online case reports* 1:e1-e2 [IF:].

[2012]

19. Dudeja M, Nandy S, Das A.K, Alam S, Tewari R. Prevalence of intestinal parasites in slum areas of southern Delhi. 2012. *International journal of Microbiology Research*; 4(8):312-315 [ICV: 7.25 (2012)].

Sl. No.	Authors/editors (list all)	Title	ISBN	Year of publication	Publishers including city
2.	Dr Pramila bhalla	Text Book For Operation Room Technicians 2nd Edition	978-93-80316-32-1	2014	Publisher Ahuja Book COMPANY ARYAGANG, New Delhi

3.	Dr Pramila bhalla	ओपरेशन थियटर कार्य प्रणाली	9789३8 0316-4 4	2016	Publisher Ahuja Book COMPANY ARYAGANG, New Delhi
4.	Mr. Mohan Lal Bhagwat	Contributor Radiographic Positioning	978- 93747356 7-1	2016	AITBS

Citation and *h*-index: (Scopus Data)

Name of the Faculty	Citations	<i>h</i> -index
Dr. Mridu Dudeja	19	3
Dr M.I Alam	535	8
Dr Saltanat Jamal	0	0
Mohanlal Bhaqwat	0	0

Citation and *h*-index: (Google Scholar Data)

Name of the Faculty	Citations	<i>h</i> -index

23	Details of patents and income generated:	Nil									
24.	Areas of consultancy and income generated:	Trained Apollo Technical Staff (Rs. 3, 60,000/-) in Operation Theatre Techniques.									
25	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	N. A.									
26	Faculty serving in: (xlix) National committees: None										
	<table border="1"> <thead> <tr> <th>Dr. Mridu Dudeja</th> <th>Role</th> <th>National Committee</th> </tr> </thead> <tbody> <tr> <td></td> <td>Member Task Force</td> <td>MOHFW</td> </tr> <tr> <td>Dr. M. Iqbal Alam</td> <td>Member Expert Group</td> <td>ICMR</td> </tr> </tbody> </table>		Dr. Mridu Dudeja	Role	National Committee		Member Task Force	MOHFW	Dr. M. Iqbal Alam	Member Expert Group	ICMR
Dr. Mridu Dudeja	Role	National Committee									
	Member Task Force	MOHFW									
Dr. M. Iqbal Alam	Member Expert Group	ICMR									
	(i) International committees: NIL										
	(ii) Editorial Boards of journals										

27	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):			
Name of faculty member	Title of programme	Institution where attended	Duration (dates)	
Dr. Mridu Dudeja	Workshop, Participated in workshop on written Assessment Techniques organized by MEU	JH	20 th Oct, 2015	
Dr. Mridu Dudeja	NABL	St. John's Medical College, Bangalore	2 ND – 6 TH May, 2011	
Dr. M I Alam	Workshop on Clinical Research and Bioethics	HIMSR, Jamia Hamdard	24 th Feb, 2015	
Dr. M I Alam	4 th Bioinformatics Conference Cum Workshop on Application of Bioinformatics in Drug Discovery and Development	Department of Biochemistry & Pharmaceutical Chemistry, Jamia Hamdard	19 th -20 th Oct, 2012	
Dr. M I Alam	Novel Practical's for Physiology teaching	Department of Physiology, AIIMS	22 nd Sep, 2012	
Dr. Saltanat Jamal	Workshop on basic life support conducted by AHA	Jamia Hamdard	Feb, 2012	
Dr. Taskin Khan	Workshop on Clinical Research and Bioethics	HIMSR, JH	24 th Feb, 2015	
Dr. Taskin Khan	Basic Course workshop in Medical Education Technologies	MAMC, NEW DELHI	16 th – 18 th April, 2015	
Dr. Taskin Khan	Workshop on written Assessment Techniques,	HIMSR, JH	20 th Oct, 2015	
Dr. Taskin Khan	Comprehensive Disaster Risk Management Framework	GFDRR	15 th – 23 rd August, 2013	
Dr. Taskin Khan	Workshop on Teaching methodology	HIMSR, JH	30 th July, 2012	
Dr. Taskin Khan	Workshop on Basic Life Support “ Skill to help save lives “ organized by AHA,	HIMSR , JH	7 th Feb, 2012	
Dr. Taskin Khan	Phacoemulsification with PC IOL Implantation	ICARE EYE Hospital NOIDA	1 st – 30 th April, 2012	
Dr. Taskin Khan	Certificate of	I-care NOIDA	30 th March, 2014	

		Training on skill drill workshop in Avoidance & Mane peril of complications thing Surgery			
	Mr. Mohan Lal Bhagwat	Workshop on Basic Life Support “Skill to Help Save Lives”	HIMSR	7 th Feb, 2012	
	Mr. Mohan Lal Bhagwat	Radiation Safety & Quality Assurance in Diagnostic Radiology	BARC, Mumbai	Sep 24 – 28, 2012	
	Mr. Mohan Lal Bhagwat	Comprehensive Disaster Risk Management Framework	GFDRR	15 th – 23 rd August, 2013	
28	Student projects:	<ul style="list-style-type: none"> • percentage of students who have done in-house projects including inter-departmental projects 100% • percentage of students who have done projects in other Universities/Institutions NIL 			
29	Awards /recognitions received at the national and international level by:	<p>Dr. M Iqbal Alam, 2013: 1st prize Awarded in poster presentation in Indo-US Symposium on Botanical Drug development</p> <p>Mr. Mohan Lal Bhagwat, 2012: Certificate of Appreciation “5th SAARC Congress of Radiology”</p> <p>Dr. Taskin Khan, 2015: Certificate of Appreciation “66th Annual Conference of DOS” 2015</p>			
	Designation	Name of Award	Recipient		
	Associate Professor	1 st prize Awarded in poster presentation in Indo-US Symposium on Botanical Drug development	Dr. M. Iqbal Alam		
	Demonstrator	Certificate of Appreciation “5 th SAARC Congress of Radiology” 2012	Mr. Mohan Lal Bhagwat		
	Assistant Professor	Certificate of Appreciation “66 th Annual Conference of DOS” 2015	Dr. Taskin Khan		
30	Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:				
	Serial No.	Title Seminars/ Conferences/	Dates	No. of Participants	Outstanding participants (keynote, speakers, eminent

		Workshops			scientist/academicians)	
Symposium						
1.	Symposium on World AIDS Awareness Day	1 st Dec, 2015			ICMR	
Workshops						
1.	Workshop on Contact Lens Bausch & Lomb Mastermind Plus, Bausch & Lomb International University	OCT-Dec, 2015			JH	
2.	Workshop on Basic Life Support “Skill to Help Save Lives”	7 th Feb, 2012			JH	
3.	Manzar Cultural Fest	24-26 th Sep, 2013			JH	
31	Code of ethics for research followed by the departments:	Yes				
32	Student profile programme-wise:					
	Name of the Programme (refer to question/point no. 4)	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
	BMLT	621	71	56	100%	100%
	BCLT	350	20	38	100%	100%
	BOTT	203	43	12	100%	100%
	BOPT	306	26	53	100%	100%
	BDT	280	43	23	100%	100%
	BETC T	250	21	20	100%	100%
	BMR & HIM	130	11	11	100%	100%
	BMIT	338	62	31	100%	100%
	DXE	140	25	04	100%	100%
	DOTT	153	22	00	100%	100%
	DDT	140	23	03	100%	100%

		DMR & HIM	60	18	07	100%	100%	
33	Diversity of students:							
	Name of the Programme (refer to question/point no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries			
	BMLT	NIL	38%	60%	2%			
	BMIT	NIL	50%	50%	NIL			
	BOPT	NIL	40%	60%	1%			
34	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:		NIL					
35	Student progression:		Student Progression		Percentage against enrolled			
			PG to M.Phil.		N. A.			
			PG to Ph.D.		N. A.			
			Ph.D. to Postdoctoral		NIL			
			Employed					
			<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 		80%			
36	Diversity of staff:		Percentage of faculty who are graduates					
			Of the same University		NIL			
			From other universities within the state					
			From universities other States					
			From universities outside the country		NIL			
37	Number of faculty who		None					

	were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:																																													
38	Present details of departmental infrastructural facilities with regard to	<p>a) Library : Central Library Jamia Hamdard</p> <p>b) Internet facilities for staff and students Wifi</p> <p>c) Total number of class rooms : 07</p> <p>d) Class rooms with ICT facility : 07</p> <p>e) Students' laboratories : 07 (Shared Basis)</p> <p>f) Research laboratories : 01</p>																																												
39	List of doctoral, post-doctoral students and Research Associates:	NIL																																												
40	Number of post graduate students getting financial assistance from the university:	N.A.																																												
41	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	Yes, Need Assessment Based on MOHFW'S gap assessment																																												
42	Does the department obtain feedback from:	<p>Yes, The faculty feedback was utilized for incorporating changes in the curriculum</p> <p>Yes, The student's feedback was utilized for the necessary amendments made in curriculum & faculty. Accordingly paid internship program for two top students in each specialty introduced.</p>																																												
43	List the distinguished alumni of the department (maximum 10):	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Name</th> <th>Course</th> <th>Present position and affiliation</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Ms. Uzma</td> <td>BMLT</td> <td>Jr. Technician HAHC Hospital</td> </tr> <tr> <td>2.</td> <td>Mr. Amir</td> <td>BMLT</td> <td>Jr. Technician HAHC Hospital</td> </tr> <tr> <td>3.</td> <td>Ms. Rabia</td> <td>BMLT</td> <td>Jr. Technician HAHC Hospital</td> </tr> <tr> <td>4.</td> <td>Ms. Saba</td> <td>BMLT</td> <td>Jr. Technician HAHC Hospital</td> </tr> <tr> <td>5.</td> <td>Ms. Arshi</td> <td>BMLT</td> <td>Jr. Technician HAHC Hospital</td> </tr> <tr> <td>6.</td> <td>Ms. Sheeba</td> <td>BMLT</td> <td>Jr. Technician HAHC Hospital</td> </tr> <tr> <td>7.</td> <td>Mr. Ibran</td> <td>BMLT</td> <td>Jr. Technician HAHC Hospital</td> </tr> <tr> <td>8.</td> <td>Ms. Farha Bi</td> <td>BMLT</td> <td>Jr. Technician HAHC Hospital</td> </tr> <tr> <td>9.</td> <td></td> <td></td> <td></td> </tr> <tr> <td>10.</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	S. No.	Name	Course	Present position and affiliation	1.	Ms. Uzma	BMLT	Jr. Technician HAHC Hospital	2.	Mr. Amir	BMLT	Jr. Technician HAHC Hospital	3.	Ms. Rabia	BMLT	Jr. Technician HAHC Hospital	4.	Ms. Saba	BMLT	Jr. Technician HAHC Hospital	5.	Ms. Arshi	BMLT	Jr. Technician HAHC Hospital	6.	Ms. Sheeba	BMLT	Jr. Technician HAHC Hospital	7.	Mr. Ibran	BMLT	Jr. Technician HAHC Hospital	8.	Ms. Farha Bi	BMLT	Jr. Technician HAHC Hospital	9.				10.			
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44	Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.:	<ol style="list-style-type: none"> 1. Bausch & Lomb University master mind plus contact lens course in collaboration with JH Oct-Dec, 2015. 2. Hand Hygiene Day, 5th May 2015 3. Dengue Symposia “Fight the bite- Reloaded” in collaboration with Microbiology JH 27th Oct, 2015 4. Dengue Symposia 27th Oct, 2014 5. CME and workshop on "Diagnostic Microbiology: Newer Trends and Advances", on 21st December 2013 at HIMSR, Jamia Hamdard. 6. World AIDS Day- 2011 Symposium, Organized with the fund support from ICMR & JH to spread awareness among youth.
45	List the teaching methods adopted by the faculty for different programmes.:	<ol style="list-style-type: none"> 15. Interactive teaching sessions 16. Group Discussion 17. Special classes for foreign students 18. Problem oriented teaching Classes 19. Special classes for slow learner students 20. Providing CDs, Reference books, Review articles reports. 21. Assigning short desertion topics 22. Skill teaching / training in real life settings and on mannequins 23. On line digital modules
46	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	<ol style="list-style-type: none"> 8. By Continuous/periodic evaluation 9. By feedback forms from teachers , students and from alumni 10. By Submission Assignment on important topics of the subjects 11. By conducting Students seminars and workshops on basic and advanced technologies and providing awareness regarding current global health concerns. 12. By distributing project work to different groups of students—Including Data survey, & case studies,
47	Highlight the participation of students and faculty in extension activities:	<ul style="list-style-type: none"> • Participation in Swach Bharat Abhiyan • Participation in Health camps • Participation in Blood donation Camps • Participation in Manzar, NERDZ, • Participation in NCC and NSS
48	Give details of “beyond syllabus scholarly activities” of the department:	NIL
49	State whether the programme/department is accredited/graded by other agencies? If yes, give details:	N.A.
50	Briefly highlight the contributions of the department in generating new knowledge, basic or applied:	<ol style="list-style-type: none"> a. Generating applied knowledge through dissertations, hands on practice & training in real hospital settings. b. Worked in basic & collaboration with Apollo Hospital within the state, especially on a partnership or a fee for service basis. c. Internship program to provide skill based training to the students & Top Talent Scheme to provide employability to trained students in HAHC Hospital. d. Expand the mission of the Continuing Education to help translate

		<p>progress in the development of competent workforce for advanced Health Care System.</p> <p>e. Established a High Tech Lab for the quality training of paramedical students.</p> <p>f. Providing Top Talent Students after their graduation in different departments in hospital Labs, Operation Theatre, Community Medicine etc.</p>
51	<p>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:</p>	<p>Strengths</p> <ol style="list-style-type: none"> 1. Skill and competency based approach in curricula design 2. Strong fundamentals to train paramedical students in a specialized manner by enhancing their skills & competencies for making a decisive impact on the quality of Health Care. 3. Catering to the dynamic health care requirement by aligning to health care industry and high standard practices. 4. Students are trained to enhance their specialized knowledge and skills related to job requirement in different specialties of health care. 5. We are able to provide quality improvement in higher education in health care. 6. Trainings are imparted in real life settings and we are able to develop interdisciplinary as well as inter institutional training programs . <p>Weaknesses</p> <p>Sharing of infrastructure and resources</p> <p>Opportunities</p> <ol style="list-style-type: none"> 1. Potential for new courses from emerging technologies in health care 2. Competitive advantage as compared to other degree courses as these courses can enhance a students potential by increasing both knowledge & skill competencies. 3. Internationalization of education by aligning different aspects of education like curriculum, students and faculty exchange at international level. 4. Jobs opportunities in Health Care Sector & Management 5. Job opportunities in Teaching and Research <p>Challenges</p> <ol style="list-style-type: none"> 1. While preserving the strength of paramedical education system which is an integrated system of teaching and hands on training in hospital facilities, it is challenging to move towards a holistic independent approach 2. Growth and resources need to increase at the same rate 3. Difficulty with start-up funding may impair attraction of best scientists
52	<p>Future plans of the department:</p>	<ol style="list-style-type: none"> 4. We aim to transform the lives of individuals and communities by nurturing & fostering knowledge and skills in the workforce required at the health care delivery system. 5. The focus is on improving the healthcare institute – healthcare industry interaction by undertaking collaborative projects, consultancy & training activities.

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	PATHOLOGY				
2.	Year of establishment:	2011				
3.	Is the Department part of a School/Faculty of the university?	Yes, Hamdard Institute of Medical Sciences and Research (HIMSR)				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	MBBS				
5.	Interdisciplinary programmes and departments involved:	i. BMLT- Department of Paramedical Sciences ii. BPT, MPT- Department of Rehabilitation Sciences iii. B.Sc Nursing- Faculty of Nursing				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	BMLT practical training of Institute of Paramedical Technology, Chattarpur, New Delhi				
7.	Details of programmes discontinued, if any, with reasons:	None				
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	Professional examination system as per MCI guidelines				
9.	Participation of the department in the courses offered by other departments:	i. Department of Paramedical Sciences ii. Department of Rehabilitation Sciences iii. Faculty of Nursing				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor	01	01	01	
		Associate Professors	02	02	02	
		Assistant Professors	03	03	03	
		Others (Demonstrators)	04	04	04	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 5 years
	Prof Sujata Jetley	MBBS,MD	Professor	Pathology	25 years 09 months	2

	Dr Zeeba S Jairajpuri	MBBS,MD	Associate Professor	Pathology	15 years	-															
	ina Khan	MBBS,MD	Associate Professor	Pathology	13 years 06 months																
	Mohd Jaseem Hassan	MBBS,MD	Assistant Professor	Pathology	09 years 11 months																
	a Rana	MBBS,MD	Assistant Professor	Pathology	12 years 01 month																
	an Khetrupal	MBBS,MD	Assistant Professor	Pathology	06 years 03 months																
	ima Madaan	MBBS,MD	Demonstrat or	Pathology	09 years 07 months																
	Dr Nehal Ahmad	MBBS,MD	Demonstrat or	Pathology	04 years 03 months																
	ana NS	MBBS,MD	Demonstrat or	Pathology	03 years 10 months																
	Dr Aarti Gogia	MBBS,MD	Demonstrat or	Pathology	03 years 04 months																
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	CME in Transfusion Medicine (08 th July, 2013).																			
		<table border="1"> <thead> <tr> <th>Name</th> <th>Designation</th> <th>Affiliation</th> </tr> </thead> <tbody> <tr> <td>Dr (Brig) Anil Khetrupal</td> <td>Head consultant</td> <td>Artemis Hospital, Gurgaon</td> </tr> <tr> <td>Dr Narsingh Verma</td> <td>Professor</td> <td>KGMU, Lucknow</td> </tr> </tbody> </table>					Name	Designation	Affiliation	Dr (Brig) Anil Khetrupal	Head consultant	Artemis Hospital, Gurgaon	Dr Narsingh Verma	Professor	KGMU, Lucknow						
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Dr Narsingh Verma	Professor	KGMU, Lucknow																			
13.	Percentage of classes taken by temporary faculty – programme-wise information:	NA																			
14.	Programme-wise Student Teacher Ratio:		Programme	Student teacher ratio																	
			MBBS	3:1																	
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	<table border="1"> <thead> <tr> <th>Designation</th> <th>Sanctioned</th> <th>Filled/actual</th> </tr> </thead> <tbody> <tr> <td>Lab technician</td> <td>02</td> <td>02</td> </tr> <tr> <td>Lab attendant</td> <td>02</td> <td>02</td> </tr> <tr> <td>Office attendant</td> <td>01</td> <td>01</td> </tr> <tr> <td>Store keeper</td> <td>01</td> <td>01</td> </tr> </tbody> </table>					Designation	Sanctioned	Filled/actual	Lab technician	02	02	Lab attendant	02	02	Office attendant	01	01	Store keeper	01	01
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16.	Research thrust areas as recognized by major funding agencies:	<table border="1"> <thead> <tr> <th>Title</th> </tr> </thead> <tbody> <tr> <td>1. Growth Factors and Apoptotic markers seen in endometrium in cases of Abnormal Uterine Bleeding.</td> </tr> <tr> <td>2. Risk factors in oral carcinoma and the relationship between tumor thickness and regional nodal involvement</td> </tr> <tr> <td>3. Clinico- Pathological Profile of Dermal Amyloidosis.</td> </tr> <tr> <td>4. Cyto-Epidemiological Study in Reproductive Tract Infection.</td> </tr> <tr> <td>5. Oral Cytology Grading System.</td> </tr> <tr> <td>6. Endoscopic biopsies in Gastritis.</td> </tr> <tr> <td>7. Hematological profile during uncomplicated normal</td> </tr> </tbody> </table>					Title	1. Growth Factors and Apoptotic markers seen in endometrium in cases of Abnormal Uterine Bleeding.	2. Risk factors in oral carcinoma and the relationship between tumor thickness and regional nodal involvement	3. Clinico- Pathological Profile of Dermal Amyloidosis.	4. Cyto-Epidemiological Study in Reproductive Tract Infection.	5. Oral Cytology Grading System.	6. Endoscopic biopsies in Gastritis.	7. Hematological profile during uncomplicated normal							
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			pregnancy. 8. Preputial pathology in circumcision. 9. Nuclear Morphometry in cytological diagnosis of breast tumors.
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: None		
18.	Inter-institutional collaborative projects and associated grants received:	None	
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	NA	
20.	Research facility/centre with:	Nil	
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	None	
22.	Publications: (last 5 years):		
	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): 67 • Monographs • Chapters in Books: • Edited Books • Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers) <p>Publications:</p> <p>[2015]</p> <ol style="list-style-type: none"> 1. Jetley Sujata.(2015) Exotic associations & presentations of an age old disease : Spectrum of tuberculosis in a developing country. Abstract of conference proceedings- 4th International Conference & Exhibition on Pathology July 13- 15, 2015 New Orleans, USA. J Clin Exp Pathol; 5(3): 75. ISSN: 2161-0681 2. Jetley S, Jairajpuri ZS, Hassan MJ, Madaan G, Jain R. (2015)Primary Endometrial Squamous Cell Carcinoma In Situ Report of a rare disease. Sultan Qaboos University Med J, November, Vol. 15, Iss. 4, pp. e559–562, Epub. 23 Nov 15 ISSN: 2075-051X 3. Pujani M, Khan S, Jetley S. (2015) Epidermal cyst in the breast: A common entity at an uncommon location. Breast Disease; 35: 267-9. ISSN online: 1558-1551 ISSN print: 0888-6008 4. Pujani M, Khan S, Hassan MJ, Jetley S, Raina PK. (2015) Coexistence of metastatic breast carcinoma and primary tuberculosis in axillary lymph nodes- a report of a rare case Breast Disease; 35(3): 195-8. ISSN online: 1558-1551 ISSN print: 0888-6008 5. Rana S, Farooqui MR, Rana S, Anees A, Ahmad Z, Jairajpuri ZS. (2015) The role of laboratory 		

	<p>investigations in evaluating abdominal tuberculosis. <i>J Fam Community Med</i>;22:152-7. ISSN:Print 2230-8229, Online-2229-340X</p> <p>6. Jairajpuri, D.S., Fatima, S. and Jairajpuri, Z.S. (2015) Glycation Induced Physicochemical Changes in Low-Density Lipoprotein and Its Role in Promoting Cholesterol Accumulation in Macrophages along with Antiglycation Effect of Aminoguanidine. <i>Advances in Biological Chemistry</i>, 5, 203-214. ISSN Print: 2162-2183 ISSN Online: 2162-2191</p> <p>7. Pujani M, Bahadur S, Jairajpuri ZS, Jetley S, Jameel J.(2015) Giant cell tumor in an elderly male- an unusual case misdiagnosed on MRI as a malignant sarcoma.<i>Ind J Surg Oncology</i>;6(3): 285-7. ISSN online:0975-7651 ISSN print:0976-6952</p> <p>8. Bahadur S, Pujani M, Jetley S, Khetrpal S, Raina PK.(2015) Large cell lung carcinoma with rhabdoid phenotype: Report of a rare entity presenting with chest wall involvement. <i>J Can Res Ther</i>;11: 657. ISSN online:1998-4138 ISSN print:0973-1482.</p> <p>9. M Husain, Sabina Khan. (2015) Early Clinical Exposure - When and How: A Students Perspective. <i>Journal of Research in Medical Education and Ethics</i> 2015; 5: 179-83.Print ISSN:2231-671X, Online ISSN:2231-6728</p> <p>10. Garima BM, Zeeba S. Jairajpuri, Farooq F. Hajini, Sujata Jetley.(2015) Postoperative thrombocytosis: An unusual case report. <i>Int J App Basic Med Res</i>;5: 225-7. ISSN online: 2248-9606 ISSN print: 2229-516X.</p> <p>11. Jairajpuri Z, Rana S, Manal AA, Jetley S.(2015) Plasmacytoid variant of urothelial carcinoma: Diagnostic challenges and role of immunohistochemistry <i>Int J App Basic Med Res</i>;5: 217-9. ISSN online: 2248-9606 ISSN print: 2229-516X</p> <p>12. Khan S, Pujani M, Jetley S, Neogi S.(2015)Angiomatosis: A rare vascular proliferation of head and neck region. <i>J Cutan Aesthet Surg</i>;8:108-10. ISSN online: 0974-5157 ISSN print: 0974-2077.</p> <p>13. Khetrpal S, Jairajpuri Z, Rana S, Pujani M, Jetley S. (2015) Plexiform Neurofibroma: An Unusual Diagnosis of Lip Swellings. <i>IJSS Case Reports & Reviews</i> 2015;1(12):1-3. ISSN: 2349-6940.</p> <p>14. Jairajpuri ZS, Rana S, Salamah J, Jetley S.(2015) Thrombocytopenia and Malaria: A coincidental co-existence or a significant association ? An analysis. <i>Annals of Pathol & Lab medicine</i>;2(2):A-48-52. ISSN online: 2349-6983 ISSN print: 2394-6466</p> <p>15. Khan S, Pujani M, Hassan MJ, Jetley S.(2015) Papillary cystic variant of acinic cell carcinoma presenting as parotid tail tumor. <i>Int J App Basic Med Res</i>;5:137-9. ISSN online: 2248-9606 ISSN print: 2229-516X.</p> <p>16. Khetrpal S, Jetley S, Jairajpuri ZS, Rana S, Kohli S.(2015) FNAC of Head & Neck lesions and its utility in clinical diagnosis: A study of 290 cases. <i>Nat J Med Res</i>; 5(1): 33-38. ISSN online: 2277-8810 ISSN print: 2249-4995</p> <p>17. Pujani M, Jairajpuri ZS, Rana S, Jetley S, Hassan M, Jain R.(2015) Cellular leiomyoma versus endometrial stromal tumor: A pathologists' dilemma. <i>J Mid-life Health</i>;6:31-4. ISSN online: 0976-7818 ISSN print: 0976-7800</p> <p>18. Shaan Khetrpal, Sujata Jetley, Mohd Jaseem Hassan, Zeeba Jairajpuri. (2015) Cystic Change in Pleomorphic Adenoma: A rare Finding and a Diagnostic Dilemma. <i>JCDR</i> ,Nov, Vol-9(11): ED07-ED08 ISSN: 0973-709X</p> <p>[2014]</p> <p>19. Bahadur S, Pujani M, Jetley S, Raina PK. (2014)Micro-papillary Mucinous Carcinoma of Breast with Psammomatous calcification – report of a rare case with extensive axillary metastases. <i>Breast Disease</i>;34:177-181.ISSN online: 1558-1551 ISSN print: 0888-6008</p> <p>20. Rana S, Monga S, Khan S, Khetrpal S, Jetley S.(2014) Tubercular abscess of the lower lip: a rare case of mistaken identity. <i>Nasza Dermatol Online</i>; 5(2): 169-171. ISSN online: 2081-9390.</p> <p>21. Husain M, Khan S, Bhat A,Hajini F. (2014) Accessory breast tissue mimicking pedunculated lipoma. <i>BMJ Case Rep</i>,doi:10.1136/bcr-2014-204990. Electronic ISSN:1757-790X</p>
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22. Jairajpuri ZS, Rana S, Hassan MJ, Nabi F, Jetley S. (2014) An Analysis of Hematological parameters as indicators of Malaria in patients with acute febrile illness : An Institutional experience. *Oman Med J*;29 (1): 12-17. ISSN online: 2070-5204 ISSN print: 1999-768X
23. Hassan MJ, Khan S, Pujani M, Jetley S, Raina PK, Ahmad R. (2014) Extramedullary plasmacytoma of the thyroid: report of a rare case *Blood Research*;49:275-85 ISSN online: 2288-0011 ISSN print: 2287-979X.
24. Simran Kaur, Sabina Khan, Aruna Nigam. (2014) Hematological profile and Pregnancy: A review. *Int J Adv Med*.1:68-70. Print ISSN : 2349-3925. Online ISSN:2349-3933.
25. Khan S, Husain M, Ansari MM. (2014) Sebaceous gland carcinoma- Case report and literature review. *JSM Clinical Case Reports*. 2:1025. ISSN:2373-9819
26. Sharma M, Gupta D, Jetley S. (2014) Case of Filarial Pericardial Effusion (PE) presented as cardiac tamponade which subsequently resolved with treatment with pericardiocentesis and diethylcarbamazine. *Journal of Indian College of Cardiology* 201;4 (4): 233-235 ISSN:1561-8811
27. Khetrpal S, Bhargava A, Jetley S, Rana S, Jairajpuri ZS. (2014) Renal Leiomyoma: An Uncommon Differential Diagnosis of Renal Masses with A Clinical Relevance. *Journal of Clinical and Diagnostic Research*. Oct, Vol-8(10): FD08-FD09 ISSN: 0973-709X.
28. H Kausar, O Rashid, W Anwar S Khan. (2014) Orbital oculomotor nerve schwannoma extending to cavernous sinus - Rare case of proptosis. *Journal of Ophthalmic and Vision Research* 2014;9:514-16. Print ISSN:2008-2010. Online ISSN:2008-322X.
29. Rana S, Jairajpuri ZS, Khan S, Hassan MJ, Jetley S. (2014) Gall bladder lymphoid hyperplasia: Masquerading as lymphoma. *J Can Res Ther*;10:749-51. ISSN online:1998-4138 ISSN print:0973-1482.
30. Jairajpuri ZS, Rana S, Khetrpal S, Talikoti MA, Jetley S. (2014) Extranodal anaplastic large cell lymphoma mimicking sarcoma: A report of an interesting case. *Int J App Basic Med Res*;4:50-2.
31. Khan S, Jetley S, Pujani M, Neogi S. (2014) Pure yolk sac tumor of testis in an adult: A rare occurrence. *J Postgrad Med*;60(3):351-3. ISSN online:0972-2823 ISSN print:0022-3859
32. Jairajpuri ZS, Rana S, Jetley S. (2014) Coexistent colonic tuberculosis and mucinous adenocarcinoma: A Causal or a Casual Link? *Int J Health Allied Sci*;3:190-3. ISSN online: 2278-344X ISSN print:2278-4292
33. Rana S, Jairajpuri ZS, Raina PK, Jetley S. (2014) Clear cell carcinoma of minor salivary gland origin: A case of mistaken identity. *Nat J Med Res*;4(2): 178-180. ISSN online: 2277-8810 ISSN print: 2249-4995.
34. Bahadur S, Pujani M, Jetley S, Hassan MJ, Khetrpal S, Husain M. (2014) Coexistent axillary hydatid disease and tuberculosis: Case report of an extremely rare occurrence. *J Cytol*;31:32-5. ISSN online: 0974-5165 ISSN print: 0970-9371.
35. Monga S, Malik JN, Sharma AP, Jetley S. (2014) Diagnostic Dilemma of Polymorphous Low Grade Adenocarcinoma of the Hard Palate. *Journal of Case Reports*; 4(1): 91-94. ISSN: 2231-6809
36. Jetley S, Rana S, Jairajpuri ZS. (2014) Low grade endometrial stromal sarcoma in a premenopausal woman: Report of a rare case. *Journal of Natural Science Biology and Medicine*;5: 214-17. ISSN online: 2229-7707 ISSN print: 0976-9668.
37. Jetley Sujata, Jairajpuri Zeeba S, Rizvi Sama. (2014) Study of Risk factors in Oral Carcinoma and the relationship between tumor thickness and regional nodal involvement. Abstract of conference proceedings-40th Annual Conference of Indian Society of Human Genetics January 28th -30th 2015, Mumbai. *Indian Journal of Human Genetics*; 20(1) S104. ISSN online: 1998-362X ISSN print: 0971-6866
38. Hassan MJ, Jairajpuri ZS, Jetley S, Khan S, Rana S, Hussain M. (2014) Microfilariae of *Wuchereria bancrofti* in a patient of chylous hematuria: An uncommon finding in urine

cytology. *Journal of Clinical and Diagnostic Research*; 8(1): 153-154. ISSN: 0973-709X

39. S Khan, S Jetley, Z Jairajpuri, M Husain. (2014) Fibromatosis Colli - A Rare Cytological Diagnosis In Infantile Neck Swellings. *Journal of Clinical and Diagnostic Research*. Vol-8(11): FD08-FD09. Online ISSN - 0973-709X , Print : 2249-782X.

40. Pooja Arora, Mohd Jaseem Hassan. (2014) Schamberg's disease of upper extremity: An atypical site for a typical disease. *Pigment International* 1:106-7. Online ISSN – 2349-5782 , Print ISSN: 2349-5847.

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55. Jairajpuri ZS, Rana S, Jetley S. (2013) Atypical Uterine Bleeding- Histopathological Audit Of Endometrium. A Study of 638 Cases. *Al Ameen Journal of Medical Sciences*; 6 (1):21-28.

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Dr. Sabina Khan	63	4															

	Dr. Mohd Jaseem Hassan	81	5														
	Dr. Safia Rana	68	5														
	Dr. Shaan Khetrupal	1	1														
23.	Details of patents and income generated:	Nil															
24.	Areas of consultancy and income generated:	Nil															
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad:	Nil															
26.	<p>Faculty serving in:</p> <p>(lii) National committees: (liii) International committees (liv) Editorial Boards of journals (lv) any other (please specify)</p> <p>Membership of Professional bodies:</p> <p>Prof. Sujata Jetley:</p> <p>1. Life member of Indian Medical Association (IMA) 2. Life member Indian Association of Cytology (IAC) 3. Life member of Indian Association of Pathology and Microbiology (IAPM)</p> <p>Dr. Zeeba S Jairajpuri: Life member of Indian Association of Pathology and Microbiology (IAPM)</p> <p>Dr. Sabina Khan: 1.Life member of Indian Association of Pathology and Microbiology (IAPM) 2.Life member of Indian Association of Cytology (IAC)</p> <p>Dr. Mohd Jaseem Hassan: Life member of Indian Association of Pathology and Microbiology (IAPM)</p> <p>Dr. Shaan Khetrupal :Life member of Indian Association of Pathology and Microbiology (IAPM)</p>																
27.	<p>Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs): Workshop attended by faculty</p> <p>Conferences attended by faculty</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Name of faculty member</th> <th style="text-align: center;">Title of programme</th> <th style="text-align: center;">Institution where attended</th> <th style="text-align: center;">Duration (dates)</th> </tr> </thead> <tbody> <tr> <td rowspan="3" style="vertical-align: top;">Prof Sujata Jetley</td> <td>1. Basic Course Workshop in Medical Education Technologies</td> <td>HIMSR, Jamia Hamdard</td> <td>16-18th April 2015</td> </tr> <tr> <td>2. Workshop on Clinical Research &</td> <td>HIMSR, Jamia Hamdard</td> <td>24th Feb 2015</td> </tr> <tr> <td></td> <td></td> <td>20th Nov 2013</td> </tr> </tbody> </table>			Name of faculty member	Title of programme	Institution where attended	Duration (dates)	Prof Sujata Jetley	1. Basic Course Workshop in Medical Education Technologies	HIMSR, Jamia Hamdard	16-18 th April 2015	2. Workshop on Clinical Research &	HIMSR, Jamia Hamdard	24 th Feb 2015			20 th Nov 2013
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		<p>Bioethics</p> <p>3. Indian Cancer Congress, Preconference workshop.</p> <p>4. How to write for and Get Published in Scientific Journals & Publish Manuscripts</p> <p>5. Workshop on Teaching Methodology</p> <p>6. Workshop on CBC and Peripheral Smear examination.</p>	<p>New Delhi, India</p> <p>Jawaharlal Nehru University, New Delhi</p> <p>HIMSR, Jamia Hamdard</p> <p>Maulana Azad Medical College, New Delhi</p>	<p>27 Aug 2012</p> <p>30 July 2012</p> <p>7th Oct 2011</p>
	Dr Zeeba S Jairajpuri	<p>1. Workshop on Clinical Research & Bioethics</p> <p>2. Workshop on written Assessment techniques</p> <p>3. IndianCancer Congress, Preconference workshop.</p> <p>4. Basic Course Workshop in Medical Education Technologies</p> <p>5. Workshop on Flow Cytometry</p> <p>6. Workshop on Teaching Methodology</p> <p>7. Workshop on CBC and Peripheral Smear examination.</p>	<p>HIMSR, Jamia Hamdard</p> <p>HIMSR, Jamia Hamdard</p> <p>New Delhi, India</p> <p>Maulana Azad Medical College, New Delhi</p> <p>Maulana Azad Medical College, New Delhi</p> <p>HIMSR, Jamia Hamdard</p> <p>Maulana Azad Medical College, New Delhi</p>	<p>24th Feb 2015</p> <p>20th Oct 2015</p> <p>20th Nov 2013</p> <p>16-18th April 2013</p> <p>12th Oct 2012</p> <p>30 July 2012</p> <p>7th Oct 2011</p>

	Dr. Sabina Khan	<p>1. Workshop on Compassionate Care</p> <p>2. Workshop on Manual Tissue Microarray Construction</p> <p>3. Revised Basic Course Workshop in Medical Education Technologies</p> <p>4. Workshop on Clinical Research & Bioethics</p> <p>5. Basic Course Workshop in Medical Education Technologies</p> <p>6. Workshop on CBC & Peripheral smear examination & CME in Pathology, Oct 2011</p> <p>7. Workshop on Flow Cytometry</p> <p>8. Microscopy workshop & CME on Dermatopathology.</p> <p>9. Workshop on Teaching Methodology</p>	<p>UCMS & GTB Hospital, New Delhi</p> <p>UCMS & GTB Hospital, New Delhi</p> <p>MAMC, New Delhi</p> <p>HIMSR, Jamia Hamdard</p> <p>MAMC, New Delhi</p> <p>MAMC, New Delhi</p> <p>MAMC, New Delhi</p> <p>J.N Medical College, Aligarh</p> <p>HIMSR, Jamia Hamdard</p>	<p>12 May 2015</p> <p>1st March, 2015</p> <p>22-24 Sep 2015</p> <p>24th Feb 2015</p> <p>23-25 July, 2013</p> <p>7 Oct 2011</p> <p>12th Oct 2012</p> <p>28th Sep, 2013</p> <p>30 July 2012</p>
	Dr. Mohd Jaseem Hassan	<p>1. Quality Concept in Laboratory Medicine</p> <p>2. Workshop of written assessment technique.</p> <p>3. Basic Course Workshop in Medical</p>	<p>India Habitat Centre, New Delhi</p> <p>HIMSR, Jamia Hamdard</p> <p>HIMSR, Jamia</p>	<p>12th Dec, 2015</p> <p>20th Oct, 2015</p> <p>16-18th April, 2015</p>

		Education Technologies	Hamdard	24 th Feb, 2015
		4. Workshop on Clinical Research and Bioethics.	HIMSR, Jamia Hamdard	28 th Sep, 2013
		5. Microscopy workshop & CME on Dermatopathology.	J.N Medical College, Aligarh	12 th Oct, 2012
		6. Workshop on Flow Cytometry.	MAMC, New Delhi	30 th July, 2012
		7. Workshop on Teaching Methodology.	HIMSR, Jamia Hamdard	07 th Oct, 2011
		8. Workshop on CBC & Peripheral Smear Examination.	MAMC, New Delhi	26 th Feb, 2011
		9. Workshop on Hemophilia	AIIMS, New Delhi	
	Dr. Safia Rana			21 st December 2014
				25-27 August 2014
			HIMSR, New Delhi	20 th November 2013
		1. Workshop on Diagnostic Microbiology : Newer trends and Advances	BD Biosciences, New Delhi	12 th October 2012
		2. FACS Orient CL Training Programme on Flowcytometry		30 th July 2012
		3. Indian Cancer Congress, Preconference workshop.	India habitat centre, New Delhi	07 th Oct 2011
	Dr. Shaan Khetrupal	4. Workshop on Flow Cytometry.	MAMC, New Delhi	21 st December 2014
		5. Workshop on Teaching Methodology	HIMSR, New Delhi	23-25 July 2014
		6. Workshop on CBC & Peripheral Smear examination	MAMC, New Delhi	18 th March 2013
		1. Workshop on	HIMSR, New Delhi	
			BD	

		<p>Diagnostic Microbiology : Newer trends and Advances</p> <p>2. FACS Orient CL Training Programme on FLOWCYTOMETRY</p> <p>3. 3rd Hemoglobin Update Meet, A seminar and Workshop on Thalassemia & HbA1c</p>	<p>Biosciences, New Delhi</p> <p>Shangri – La’s Eros Hotel, New Delhi</p>														
28.	Student projects:	<p>(i) STS Project : Reference ID: 2014-01558 TITLE: Study of Risk Factors in Oral Carcinoma and the relationship between Tumor Thickness and Regional Nodal Involvement. Prof Sujata Jetley , Medical Student: Sama Rizvi</p> <p>(ii) Expression of HumanEpidermal Growth Factor receptor(HER2/neu)and proliferative marker Ki67 association with Clinico Pathological parameters in Gall Bladder Carcinoma. Dr Mukta Pujani , Medical Student: Isha Makker. Reference ID 2015-05617</p> <p>(iii) Role of cytology in evaluating Oral Lesions for Early detection of Oral Cancers. Dr Zeeba S Jairajpuri, Medical Student: Apoorva Hajela. Reference ID 2015-07144</p>															
29.	<p>Awards /recognitions received at the national and international level by:</p> <ul style="list-style-type: none"> Faculty: Dr. Zeeba S Jairajpuri, Best paper Presentation, International conference on recent Advances in Health Sciences, Kuala Lumpur, Malaysia,2014 																
30.	<p>Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Title Seminars/Conferences/ Workshops</th> <th style="width: 15%;">Dates</th> <th style="width: 15%;">No. of participants</th> <th style="width: 40%;">Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme)</th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center;">Seminars/Conferences</td> </tr> <tr> <td>One day CME in diagnostic Pathology</td> <td>07/09/2013</td> <td>100</td> <td>Prof Kiran Mishra Prof Shyama Jain Prof Tejinder Singh Prof Manjula Jain Prof Ravi Mehrotra</td> </tr> </tbody> </table>					Title Seminars/Conferences/ Workshops	Dates	No. of participants	Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme)	Seminars/Conferences				One day CME in diagnostic Pathology	07/09/2013	100	Prof Kiran Mishra Prof Shyama Jain Prof Tejinder Singh Prof Manjula Jain Prof Ravi Mehrotra
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					Prof Veena Maheshwari Dr Sandeep Mathur Dr Usha Aggarwal	
	CME in Dermatopathology	07/04/2015	50		Prof Nita Khurana Dr Syed Hasan Rizvi Dr Avninder Singh	
31.	Code of ethics for research followed by the departments:	Two committees (v) IAEC (vi) Ethics Committee				
32.	Student profile programme-wise:					
S . L 1 .	Name of the Programme	Year	Application Received	Total No. of Student		Pass Percentage (%)
				Male	Female	
	MBBS	2012	2997	36	64	NA
		2013	4332	64	36	NA
		2014	5698	51	49	NA
2015		8000	60	40	NA	
33.	Diversity of students:					
	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries	
	MBBS					
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	NA				
35.	Student progression: NA					
36.	Diversity of staff:					
	Percentage of faculty who are graduates of the same university					

		from other universities within the State	
		from universities from other States	
		from universities outside the country	
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	None	
38.	Present details of departmental infrastructural facilities with regard to	(i) Library: 90 books (ii) Internet facility for staff and students: Yes (iii) Total number of class room: 1 demonstration room + 4 common lecture theatre (iv) Class room with ICT facility: Yes (v) Students laboratory: 02 (vi) Research laboratories: 01 common for HIMSR	
39.	List of doctoral, post-doctoral students and Research Associates:	Nil	
40.	Number of post graduate students getting financial assistance from the university.:	NA	
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	Yes through board of study.	
42.	Does the department obtain feedback from:	Yes done by MEU.	
43.	List the distinguished alumni of the department (maximum 10):	NA	
	<input type="checkbox"/>		
44.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	None	
45.	List the teaching methods adopted by the faculty for different programmes.:	<ul style="list-style-type: none"> • Chalk and Board. • Power Point Presentation • Audio-Visual aids (videos on subject related topics) • Group Discussion Method • Tutorials • Seminar presentation 	
46.	How does the department ensure that programme objectives are constantly	(i) Teaching schedule (lectures and tutorial) displayed well in advance for the benefit of the students. (ii) Assessments (Theory and Practical) are carried out at regular	

	met and learning outcomes are monitored?:	intervals for student evaluation. (iii) Regular case discussions and seminars are held for the faculty to ensure continuous medical education.
47.	Highlight the participation of students and faculty in extension activities.	<ul style="list-style-type: none"> Medical students are encouraged to present basic pathophysiology of cases during clinical discussions
48.	Give details of “beyond syllabus scholarly activities” of the department.	<ul style="list-style-type: none"> Quiz and debate.
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details.:	Yes, medical Council of India
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	Use of various components from single unit of blood like Packed red cells, fresh frozen plasma and platelet concentrate.
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	<p>Strengths</p> <ol style="list-style-type: none"> 1. Young enthusiastic faculty 2. Well designed curriculum for imparting knowledge of Pathology to Undergraduates. 3. Systematic functioning of the essential Diagnostic lab services catered to by this department. 4. Continuous clinical collaboration and consultation in patient care. 5. Responsiveness to the needs of patients and the community at large. <p>Weaknesses</p> <ol style="list-style-type: none"> 1. Having to train freshly passed out lab technicians for highly skilled lab work <p>Opportunities</p> <ol style="list-style-type: none"> 1. To provide all round training to medical students to be able to deliver compassionate, ethical and competent patient care. 2. To provide outstanding clinical diagnostic services to the lower socio-economic strata of the community. 3. To extend these diagnostic services in a comprehensive and cost effective manner. 4. The state of the art Blood bank collaborates with the Delhi State transfusion services in providing blood components when required, especially during epidemics like Dengue. <p>Challenges</p> <ol style="list-style-type: none"> 1. To undertake clinical research in collaboration with other Faculties of University and also with outside institutions. 2. To foster an intellectually stimulating environment that promotes

		broad collaboration across Medical specialties. 3. To facilitate career development of all Faculty members
52.	Future plans of the department.:	<ol style="list-style-type: none">1. The department envisions technical and trained manpower upgradation to bring in latest techniques like immunohistochemistry and molecular pathology so as to add to the diagnostic armamentarium and contribute towards taking patient care to a higher level.2. To start a Postgraduate program in Pathology and impart high quality education and training to the students.

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	PEDIATRICS				
2.	Year of establishment:	2011				
3.	Is the Department part of a School/Faculty of the university?	Yes, Hamdard Institute of Medical Sciences and Research				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	MBBS (Undergraduate programme)				
5.	Interdisciplinary programmes and departments involved:	NA				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA				
7.	Details of programmes discontinued, if any, with reasons:	NA				
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	Professional examination system as per Medical Council of India guidelines				
9.	Participation of the department in the courses offered by other departments:	BPT, BOT, MOT (Department of Physiotherapy and Rehabilitation) M.Sc. in Pediatric Nursing (Rufaida School of Nursing) BUMS (Faculty of Medicine)				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor	02	02	02	
		Associate Professors	01	01	01	
		Assistant Professors	02	02	02	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Dr. A.K.Patwari	MD (Paediatrics) MNAMS(Paediat	Professor	Paediatrics	32 years	NA

		rics) DCH		Paediatric Gastroenterology		
	Dr. Chandra Mohan Kumar	MD Paediatrics	Professor	Paediatrics and Adolescent health	17 years	NA
	Dr. Priyanka Gupta	MD Paediatrics	Associate Professor	Paediatrics	11 years	NA
	Dr. Amlin Shukla	MD Paediatrics	Assistant Professor	Paediatrics	7 years	NA
	Dr. Aparna Chakravarty	MD Pediatrics Fellowship Paediatric Infectious Diseases	Assistant Professor	Paediatrics and Infectious diseases	14 years	NA
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		None			
13.	Percentage of classes taken by temporary faculty – programme-wise information:		NA			
14.	Programme-wise Student Teacher Ratio:		MBBS : 400/130 (3:1)			
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		Designation	Sanctioned	Filled/actual	
			Residents	06	06	
			Child psychologist	01	01	
			Lab Attendant	01	01	
16.	Research thrust areas as recognized by major funding agencies:		v. Detection of hypoxaemia in children with severe pneumonia by community health workers using a hand-held, solar powered, low cost device vi. Aetiology of community acquired pneumonia in children vii. Role of Adolescent health clinics in schools in reducing adolescent obesity viii. Assessment and counselling for psychological disorders in school children ix. Assessment of psychological stress experienced by the parents of babies hospitalized in Neonatal Intensive Care Unit (NICU)			
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: None					
	Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure	Grant received		
	NA					
18.	Inter-institutional collaborative projects and associated grants received:		None			
19.	Departmental projects funded by		None			

	DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	
20.	Research facility/centre with:	NA
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	NA
22.	Publications: (last 5 years):	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): 8 • Monographs: 0 • Chapters in Books: 12 • Edited Books: 01 • Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers): None • Impact Factor : Range: 0.867- 3.064, Average: 1.228 <p>Publications:</p> <p>{2015}</p> <ol style="list-style-type: none"> 1. Patwari AK, Kumar S, Beard J. Undernutrition among infants less than 6 months of age: an underestimated public health problem in India. <i>Matern Child Nutr</i> 11(1):119-26, January 2015 (Online ISSN: 1740-8709) (IF: 3.064) 2. Patwari AK. Programmatic perspective of single dose hepatitis A vaccine administered in childhood. <i>Indian Pediatr</i> 2015 Aug;52 (8):661-2 (Print ISSN: 0019-6061) (IF : 1.040) <p>{2014}</p> <ol style="list-style-type: none"> 3. Sharma P, Kumar CM, Patwari AK. Clinical profile of early diagnosed dengue Fever in hospitalized children in South Delhi. <i>Indian Journal of Pediatrics</i>. September 2014; 81(9):975. (Print ISSN: 0019-5456) (IF:0.867) 4. Kumar CM, Sharma P. Immunization in Practice - Clearing the Cobwebs: Correspondence. <i>Indian Journal of Pediatrics</i> 2014 Apr;81(4):422. (Print ISSN: 0019-5456) (IF:0.867) 5. Kumar CM, Singh S, Garg R. Thrombocytopenia in Children with Vivax Malaria: A Study from North India. <i>Indian J Pediatr</i> 2014 Mar;81(3):266-9. (Print ISSN: 0019-5456) (IF:0.867) <p>{2013}</p> <ol style="list-style-type: none"> 6. Patwari AK. Millennium Development Goals and Child Undernutrition. <i>Indian Pediatr</i> 2013, 50: 449-452. (Print ISSN: 0019-6061) (IF : 1.040) 7. Kumar CM, Patwari AK. <u>Updated National Guidelines for Pediatric Tuberculosis in India, 2012: Some Unresolved Issues</u>. <i>Indian Pediatr</i> 2013; 50(8):801-2. (Print ISSN: 0019-6061) (IF : 1.040) <p>{2012}</p> <ol style="list-style-type: none"> 8. Patwari AK. Risk factors for mortality in children hospitalized with pneumonia. <i>Indian Pediatr</i> 2012; 49:869-70. (Print ISSN: 0019-6061) (IF : 1.040)

Chapters in Books:

{2015}

1. **Patwari AK.** Acute Watery Diarrhea. In: Post Graduate Textbook of Pediatrics. Editors Gupta P, Menon PSN et al., Jaypee, New Delhi 2015. (ISBN: 978-93-5152-956-9)
2. **Patwari AK.** Hib Vaccines. In: Post Graduate Textbook of Pediatrics. Editors Gupta P, Menon PSN et al. New Delhi 2015. . (ISBN: 978-93-5152-956-9)
3. **Patwari AK.** Integrated Management of Neonatal and Childhood Illness. In: Post Graduate Textbook of Pediatrics. Editors Gupta P, Menon PSN et al. New Delhi 2015. . (ISBN: 978-93-5152-956-9)
4. **Gupta P.** Physiology of Neuroendocrinology. In: Post Graduate Textbook of Pediatrics. Editors Gupta P, Menon PSN et al. New Delhi 2015. (ISBN: 978-93-5152-956-9)

{2014}

5. **Patwari AK.** Process of issuing IAP-ACVIP's recommendations & evidence based research. In: IAP 2013 Guidebook on Immunization. Editors Vashishtha VM, Choudhury P et al. Indian Academy of Pediatrics, National Publication House, Gwalior, 2013.
6. **Patwari AK.** Conflict of interest issues and ACVIP recommendations *In: IAP 2013 Guidebook on Immunization.* Editors Vashishtha VM, Choudhury P et al. Indian Academy of Pediatrics, National Publication House, Gwalior, 2013.
7. **Patwari AK.** Bacillus Calmette Guerin (BCG) vaccine. *In: IAP 2013 Guidebook on Immunization.* Editors Vashishtha VM, Choudhury P et al. Indian Academy of Pediatrics, National Publication House, Gwalior, 2013.
8. **Patwari AK.** Haemophilus influenzae type b (Hib) conjugate vaccines. *In: IAP 2013 Guidebook on Immunization.* Editors Vashishtha VM, Choudhury P et al. Indian Academy of Pediatrics, National Publication House, Gwalior, 2013.

{2013}

9. **Patwari AK, Aneja S.** Integrated Management of Neonatal and Childhood Illness. *In: Ghai Essential Pediatrics. 8th Edition.* Editors Paul VK, Bagga A. CBS Publishers and Distributors, New Delhi, 2013. (ISBN: 978-81-239-2334-5)
10. **Patwari AK.** Acute Diarrhea. In: IAP Textbook of Pediatrics, 5th Edition, Editors Parthasarty et al. Indian Academy of Pediatrics, National Publication House, Jaypee, New Delhi, 2013. (ISBN: 978-93-5025-945-0)

{2012}

11. Kumar A, **Patwari AK.** Epidemiology, etiology and pathogenesis of Acute Diarrhea. In: Acute Diarrhea in Children. Editor: Patwari AK, Elsevier, New Delhi, 2012 (ISBN: 978-81-312-3008-4)

12. Patwari AK. Nutritional Management. In: Acute Diarrhea in Children. Editor: Patwari AK, Elsevier, New Delhi, 2012 (ISBN: 978-81-312-3008-4)	
Edited Books Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers)-	
S. No.	Authors/editors (list all)
Title	ISBN
Year of publication	Publishers including cit
1.	Dr. A K Patwari
Acute Diarrhea in Children	978-81-312-3008-4
2012	New Delhi
Citation And H-index: (Google Scholar); Since 2011	
Name of the Faculty	Citations
h-index	i10 index
Dr. A.K.Patwari	592
12	19
Dr. Chandra Mohan Kumar	6
2	0
Dr Priyanka Gupta	27
3	1
Dr Amlin Shukla	5
1	0
Dr Aparna Chakravarty	1
1	0
23.	Details of patents and income generated: Nil
24.	Areas of consultancy and income generated: NA
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad Dr. Chandra Mohan Kumar: Trainer for RTI- Group education module Dr. Priyanka Gupta: Instructor for BNCRP (Part-I) and National faculty for Neonatal Resuscitation Courses-India
26.	Faculty serving in: (lvi) National committees: Dr A.K. Patwari: 1. Member Indian Academy of Pediatrics Advisory Committee on Vaccines and Immunization Practices (ACVIP). 2. Member National Steering Group (NSG) of the ICMR-INCLN research priority setting exercise to identify priorities in the field of Maternal, Newborn, Child Health and Nutrition (MNCHN). (lvii) International committees- NA (lviii) Editorial Boards of journals Dr A.K.Patwari: • Associate Editor, Indian Pediatrics, Official journal of Indian Academy of Pediatrics (Print ISSN: 0019-6061) Dr. Chandra Mohan Kumar: 1. Editorial Board member of Indian Journal of Child Health; ISSN No:2349-6118 2. Advisory Board member in National Journal of Medical and Dental Research. ISSN (print): 2320-0367, ISSN (online): 2320-0375

	(lix) any other (please specify)- NA			
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):			
	Name of faculty member	Title of programme	Institution where attended	Duration (dates)
	Dr. A K Patwari	MCI Basic Course Workshop in Medical Education Technologies	Maulana Azad Medical College, New Delhi	19-22 November 2013
	Dr Chandra Mohan Kumar	Emerging Issues in Youth and Adolescents: A national Level Consultative Meet	Maulana Azad Medical College, New Delhi	1 st Feb 2014
		MCI Basic Course Workshop in Medical Education Technologies	Maulana Azad Medical College, New Delhi	28-31 October,2014
		Workshop on ‘Child Neurodevelopmental disorders’	AIIMS, New Delhi	1-3 rd December 2014
	Dr Priyanka Gupta	Advanced Course in Pediatric Intensive Care	Sir Ganga Ram Hospital, New Delhi	2-7 October 2015
	Dr Amlin Shukla	Provider course in Pediatric Advanced Life Support	PGIMER and Dr RML Hospital, New Delhi	14-15 th Feb 2015
	Workshop on Clinical Research & Bioethics	HIMSR, Jamia Hamdard, New Delhi	24 th Feb 2015	
28.	Student projects:	None		
29.	Awards /recognitions received at the national and international level by:			
	Faculty	S. No	Recipient	Award/Recognition
		1.	Dr Chandra Mohan Kumar	Member of National Academy of Medical Sciences
	2..	Dr Aparna Chakravarty	Fellowship in Paediatric Infectious Diseases	
	<ul style="list-style-type: none"> • Doctoral/post doctoral fellows - Nil • Students - Nil 			
30.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:			
	Title Seminars/Conferences/ Workshops	Dates	No. of participants	Outstanding participants (keynote speakers, eminent

				scientists/academicians who attended the programme
	Symposium on 'Childhood Obesity' (Supported by 'Nutrition Subchapter of Indian Academy of Pediatrics)	6 th April 2013	100	Prof. HPS Sachdev Prof. A P Dubey Prof. A K Patwari Dr. J P Kapoor
	BNCRP (part-I) provider course (Sponsored under Indian Academy of Pediatrics NRP FGM Project)	9 th August 2015	42	Dr. S.S. Bisht Dr. Adarsh Priya Azad
31.	Code of ethics for research followed by the departments:	Two committees (vii) RPAC (viii) Ethics Committee		
32.	Student profile programme-wise: NA			
33.	Diversity of students: NA			
	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State
				% of student from other countries
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	NA		
35.	Student progression: NA			
	Student progression		Percentage against enrolled	
	UG to PG			
	PG to M.Phil.			
	PG to Ph.D.			
	Ph.D. to Post-Doctoral			
	Employed			
	<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 			
	Entrepreneurs			

36.	Diversity of staff: <table border="1" data-bbox="418 247 1393 422"> <thead> <tr> <th data-bbox="418 247 1084 279">Percentage of faculty who are graduates</th> <th data-bbox="1084 247 1393 279">%</th> </tr> </thead> <tbody> <tr> <td data-bbox="418 279 1084 310">of the same university</td> <td data-bbox="1084 279 1393 310">0</td> </tr> <tr> <td data-bbox="418 310 1084 342">from other universities within the State</td> <td data-bbox="1084 310 1393 342">20</td> </tr> <tr> <td data-bbox="418 342 1084 373">from universities from other States</td> <td data-bbox="1084 342 1393 373">80</td> </tr> <tr> <td data-bbox="418 373 1084 405">from universities outside the country</td> <td data-bbox="1084 373 1393 405">Nil</td> </tr> </tbody> </table>	Percentage of faculty who are graduates	%	of the same university	0	from other universities within the State	20	from universities from other States	80	from universities outside the country	Nil		
Percentage of faculty who are graduates	%												
of the same university	0												
from other universities within the State	20												
from universities from other States	80												
from universities outside the country	Nil												
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: <p style="text-align: center;">None</p>												
38.	Present details of departmental infrastructural facilities with regard to: <table border="1" data-bbox="386 558 1450 869"> <tbody> <tr> <td data-bbox="386 558 792 590">(i) Library</td> <td data-bbox="792 558 1450 590">Central library, HIMSR</td> </tr> <tr> <td data-bbox="386 590 792 663">(ii) Internet facilities for staff and students</td> <td data-bbox="792 590 1450 663">Yes, Provided</td> </tr> <tr> <td data-bbox="386 663 792 726">(iii) Total number of class rooms</td> <td data-bbox="792 663 1450 726"> - 4 Lecture Theatres - 2 Demonstration Rooms </td> </tr> <tr> <td data-bbox="386 726 792 789">(iv) Class rooms with ICT facility</td> <td data-bbox="792 726 1450 789">Yes</td> </tr> <tr> <td data-bbox="386 789 792 821">(v) Students' laboratories</td> <td data-bbox="792 789 1450 821">NA</td> </tr> <tr> <td data-bbox="386 821 792 869">(vi) Research laboratories</td> <td data-bbox="792 821 1450 869">Central research laboratory</td> </tr> </tbody> </table>	(i) Library	Central library, HIMSR	(ii) Internet facilities for staff and students	Yes, Provided	(iii) Total number of class rooms	- 4 Lecture Theatres - 2 Demonstration Rooms	(iv) Class rooms with ICT facility	Yes	(v) Students' laboratories	NA	(vi) Research laboratories	Central research laboratory
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(iii) Total number of class rooms	- 4 Lecture Theatres - 2 Demonstration Rooms												
(iv) Class rooms with ICT facility	Yes												
(v) Students' laboratories	NA												
(vi) Research laboratories	Central research laboratory												
39.	List of doctoral, post-doctoral students and Research Associates: <p>(vii) from the host institution/university - NA (viii) from other institutions/universities - NA</p>												
40.	Number of post graduate students getting financial assistance from the university.: <p style="text-align: center;">NA</p>												
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.: <p style="text-align: center;">Meeting of Board of Studies in Pediatrics held on 11th September 2013</p>												
42.	Does the department obtain feedback from <p>(i). Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</p> <p>(ii). Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</p> <p>(iii). Alumni and employers on the programmes offered and how does the department utilize the feedback?</p> <p style="text-align: center;">Yes. in form of constant changes in the teaching methodologies</p> <p style="text-align: center;">Yes. Feedback from students monitored by Medical Education Unit of HIMSR and shared with the faculty.</p> <p style="text-align: center;">NA</p>												

43.	<p>List the distinguished alumni of the department (maximum 10): NA</p> <table border="1" data-bbox="380 279 1503 348"> <thead> <tr> <th data-bbox="380 279 683 310">Name</th> <th data-bbox="683 279 846 310">Course</th> <th data-bbox="846 279 979 310">Batch</th> <th data-bbox="979 279 1503 310">Present position and affiliation</th> </tr> </thead> <tbody> <tr> <td data-bbox="380 310 683 348"></td> <td data-bbox="683 310 846 348"></td> <td data-bbox="846 310 979 348"></td> <td data-bbox="979 310 1503 348"></td> </tr> </tbody> </table>	Name	Course	Batch	Present position and affiliation				
Name	Course	Batch	Present position and affiliation						
44.	<p>Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:</p>	<p>NA</p>							
45.	<p>List the teaching methods adopted by the faculty for different programmes.:</p>	<ul style="list-style-type: none"> • Didactic lectures (Chalk and Board, Power Point Presentations, videos on subject related topics) • Seminars • Bed side clinical case discussions • Demonstrations • Group discussions • Online assistance to students 							
46.	<p>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:</p>	<ul style="list-style-type: none"> • Regular Internal Assessment • Seminar sessions • Semester Based Credit System • Regular interaction with students to discuss and review • Regular department meetings of faculty • Review of course completion report at the end of semester 							
47.	<p>Highlight the participation of students and faculty in extension activities.</p>	<p>Health Education Lectures in Schools Sensitization of Primary Teachers about Gender Issues Provision of specialist care at RHTC- Madanpur Khadar</p>							
48.	<p>Give details of “beyond syllabus scholarly activities” of the department.</p>	<p>Presentation of seminars by students Quiz over clinical topics of interest</p>							
49.	<p>State whether the programme/ department is accredited/graded by other agencies? If yes, give details.:</p>	<p>Yes, recognized by Medical Council of India</p>							
50.	<p>Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:</p>	<ul style="list-style-type: none"> • By regularly conducting intra-department seminars to update the existing knowledge • By participation in intra-mural research projects 							
51.	<p>Detail major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:</p>	<p>Strengths</p> <ol style="list-style-type: none"> 1. Senior faculty chosen from leading medical colleges in the country. Competent faculty with experience in various sub-specialties of pediatrics 2. Presence of adequate clinical material (in form of patients) 							

		<p>for teaching</p> <ol style="list-style-type: none"> 3. Presence of a Level –III Neonatal Intensive Care Unit (NICU) with both invasive and non-invasive ventilation facilities 4. Adopting latest ICT modalities in teaching students <p>Weaknesses</p> <ol style="list-style-type: none"> a. Pediatric Intensive Care services yet to develop to a tertiary care level <p>Opportunities</p> <ol style="list-style-type: none"> 1. Interdisciplinary teaching and research (Pharmacy, Biotechnology, Unani Medicine etc.) 2. Adoption of newer teaching methodologies in undergraduate teaching 3. The location of the institute is such that research related to urban as well as rural background can be planned <p>Challenges</p> <p>20. The institution is located within the National Capital Territory and therefore has to compete with other older and well established medical colleges in Delhi in order to attract best talents as residents and faculty</p>
52.	Future plans of the department:	<ol style="list-style-type: none"> 1. To start post-graduate teaching programs (MD Paediatrics) 2. Development of a fully equipped Pediatric ICU 3. Improvement and expansion of existing Neonatal Intensive Care services 4. Setting up Lactation Counselling unit 5. Establishing a Pediatric Gastroenterology Unit with diagnostic and therapeutic endoscopy services 6. Seek opportunities for extramural research funds 6. Promotion of intramural research activities

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	PHARMACOLOGY			
2.	Year of establishment:	2011			
3.	Is the Department part of a School/Faculty of the university?	Yes, (Jamia Hamdard)			
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	MBBS			
5.	Interdisciplinary programmes and departments involved:	<ul style="list-style-type: none"> - PhD (Pharmacology) - MPharm (Pharmacology) - MPharm (Pharmacy Practice) - Bachelor of Physiotherapy - Masters of Physiotherapy - MSc Clinical Research - BSc Cardiac Laboratory Technology - BSc Dialysis Technology - BSc Emergency Trauma Care Technology 			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA			
7.	Details of programmes discontinued, if any, with reasons:	NA			
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	Professional examination as per MCI and Semester (All others)			
9.	Participation of the department in the courses offered by other departments:	Yes, 1. Department of Paramedical Sciences 2. Department of Physiotherapy and Rehabilitation			
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)
		Professor	01	01	01
		Associate Professor	01	02	02
		Assistant Professor	01	01	01
		Demonstrator	02	02	02

11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 5 years
	Dr. Nilanjan Saha	MBBS, MD, DM	Professor	Pharmacology	25 years	0
	Dr. Razi Ahmad	MBBS, DCH, MD	Associate Professor	Pharmacology	17 years	0
	Dr. Deepti Chopra	MBBS, DTC D, MD	Associate Professor	Pharmacology	13 years	0
	Dr. Shoma Mukherjee	MBBS, MD	Demonstrator	Pharmacology	Teaching:4.5 years Research: 3 years Industrial: 3 years	0
	Dr.Shubhnita Singh	MBBS	Demonstrator	Pharmacology	1year	0
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	Dr. Manju Sharma Adjunct Assistant Professor, HIMSR Assistant Professor, Faculty of Pharmacy				
13.	Percentage of classes taken by temporary faculty – programme-wise information:	NA				
14.	Programme-wise Student Teacher Ratio:	MBBS -3:1				
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation	Sanctioned	Filled/actual		
		Lab Attendant	01	01		
		Adm. Staff	01	01		
16.	Research thrust areas as recognized by major funding agencies:	The thrust areas of department are Therapeutic Drug Monitoring; Adverse Drug Event Monitoring & Pharmacovigilance.				
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: None					
18.	Inter-institutional collaborative projects and associated grants	None				

	received:	
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	None
20.	Research facility/centre with:	None
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	None
22.	Publications: (last 5 years):	
	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): 15 • Monographs: NIL • Chapters in Books: NIL • Edited Books: NIL • Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers): NIL <p>Publications:</p> <ol style="list-style-type: none"> 1. Habib A, Ahmad R (2015). Pharmacotherapy of comorbid conditions in patients on hemodialysis (review article). European Journal of Biomedical and Pharmaceutical Sciences. 2: 286-297 ISSN 2349-8870.IF -2.06 2. Dwivedi S, Chopra D (2015). Neem (Azadirachta indica) as an Alternative Therapy for Tobacco Cessation. Indian Journal of Chest Diseases Allied Sciences 57:42-43. ISSN0377-9343. 3. Rehan HS, Chopra D, Yadav M, Wardhan N, Manak S, Siddiqui K, et al (2015). Safety and efficacy of Qurse-e-istisqua in chronic hepatitis C Infection: An exploratory study. Indian Journal of Pharmacology 47:72-9 ISSN 0253-7613. IF-0.69 4. Chopra D, Dwivedi S (2015). Galactorrhoea:Report of Two Cases. MAEDICA – a Journal of Clinical Medicine; 10 :136-139. ISSN 1841-9038 5. Chopra D, Sharma V, Kapoor R, Dwivedi S (2015). An observational study of cutaneous adverse drug reactions in a teaching hospital. International Journal of Clinical Pharmacy 37: 996-9. ISSN: 2210-77032014. IF-1.3 6. Dwivedi S, Chopra D. <i>Cryptostegia grandiflora</i> Toxicity Manifesting as Hyperkalemia,Complete Heart Block and Thrombocytopenia. JAPI 2015;63: 87. ISSN, 0004-5772. 0.39 7. Deepti Chopra, Vibha Sharma, Rohan Kapoor and Shridhar Dwivedi . An observational study of cutaneous adverse drug reactions in a teaching hospital. J Pharmacovigilance 2015, 3:4. ISSN – 2329-6887.IF – 2.6 8. Singh S. Cancer chemotherapy induced adverse drug reactions. Journal of Pharmacovigilance 2015; ISSN – 2329-6887.IF – 2.6 9. Dwivedi S, Chopra D (2014). Revisiting Terminalia arjuna– An Ancient Cardiovascular Drug. Journal of Traditional and Complementary Medicine; 4. ISSN: 2225-4110 IF-0.58 10. Rehan HS, Chopra D, Holani S, Mishra R (2014). An Observational Study to Compare the 	

	<p>Contents and Quality of Information Furnished in CDSCO ADR Reporting form, Yellow Card, Medwatch and Blue Form by the Healthcare Professionals. International Journal of Risk and Safety in Medicine 26:1-8. ISSN :0924-6479 IF-0.8</p> <p>11. Chopra D, Dwivedi S, Arora P, Khan S (2014). Anaphylaxis Following Intravenous Ranitidine - A Rare Adverse Drug Reaction of a common drug. Indian Journal of Pharmacology 46: 234-36 ISSN 0253-7613 . IF-0.69</p> <p>12. Poonam Agrawal, Deepti Chopra, Surajeet K. Patra, Himanshu Madaan (2014). Periodic paralysis: An unusual presentation of drug-induced hyperkalemia. Journal of Pharmacology and Pharmacotherapeutics, 5:63-6. 1.46 ISSN: 0976500X</p> <p>13. Bhandari B, Chopra D, Wardhan N (2014). Antisense Oligonucleotide: Basic Concept and its Therapeutic Application. Journal of Research in Pharmaceutical Science 2: 1-13. ISSN : 2347-2995</p> <p>14. Dwivedi S, Chopra D (2013). Adverse effects of herbal medicine. Clinical Medicine. 13:417-8. ISSN: 1470-2118 IF-1.7</p> <p>15. Bhandari B, Chopra D, Kohli S K (2013). Pharmacological effects of Tribulus Terrestris: A Review. International journal of contemporary medicine 1: 71-5. ISSN: 2320-9623</p>																																											
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7.	International Journal of Risk and Safety in Medicine	-	0.25	-																																								
	<p><u>Book/ Chapter:</u> Nil</p>																																											
	<p>Citation And H-index: (Google Search)</p> <table border="1"> <thead> <tr> <th>Name of the Faculty</th> <th>Citations</th> <th><i>h</i>-index</th> </tr> </thead> <tbody> <tr> <td>Prof. Nilanjan Saha</td> <td>140</td> <td>11</td> </tr> <tr> <td>Dr. Razi Ahmad</td> <td>3</td> <td>1</td> </tr> <tr> <td>Dr. Deepti Chopra</td> <td>170</td> <td>8</td> </tr> <tr> <td>Dr. Shoma Mukherjee</td> <td>3</td> <td>1</td> </tr> <tr> <td>Dr. Shubhnita Singh</td> <td>0</td> <td>0</td> </tr> </tbody> </table>				Name of the Faculty	Citations	<i>h</i> -index	Prof. Nilanjan Saha	140	11	Dr. Razi Ahmad	3	1	Dr. Deepti Chopra	170	8	Dr. Shoma Mukherjee	3	1	Dr. Shubhnita Singh	0	0																						
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Dr. Shoma Mukherjee	3	1																																										
Dr. Shubhnita Singh	0	0																																										
23.	Details of patents and income generated:	Nil																																										
24.	Areas of consultancy and income generated:	Nil																																										
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	Nil																																										
26.	<p>Faculty serving in:</p> <p>(Ix) National committees:</p> <p>(Ixi) International committees</p> <p>(Ixi) Editorial Boards of journals</p>																																											

	(lxiii) any other (please specify)			
	<p>Dr Razi Ahmad Life Member of Indian Pharmacological Society</p> <p>Dr Deepti Chopra Life Member, Indian Pharmacological Society Life Member, Indian Society for Rational Pharmacotherapeutics</p> <p>Dr Shoma Mukherjee Life Member of Indian Pharmacological Society</p>			
27.	Dr.Shoma Mukharjee	1. Workshop on “Effective Soft Skills for Clinical Research”.	Jamia Hamdard, N. Delhi.	April 09,2015
	Dr.Shubhnita Singh	1. Workshop on “Effective Soft Skills for Clinical Research”.	Jamia Hamdard, N. Delhi.	April 09,2015
Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):				
	Name of faculty member	Title of programme	Institution where attended	Duration (dates)
	Dr Razi Ahmad	1. Basic Workshop for Medical Teaching	HIMSR, New Delhi	April 16-18, 2015
		2. Leadership & Personality Enrichment Program	Jamia Hamdard, New Dehli	Sep 26-27, 2014
	Dr. Deepti Chopra	1. Basic Workshop for Medical Teaching	HIMSR, New Delhi	April 16-18, 2015
		2. Workshop on “Effective Soft Skills for Clinical Research”.	Jamia Hamdard, N.Delhi.	April 9 th , 2015
		3. Workshop on Clinical Research and bioethics	HIMSR, N.Delhi.	February 24 th , 2015
		4. National Seminar & Workshop on Holistic Health MAMC, New Delhi	MAMC, New Delhi	20 th -21 st April, 2013
28.	<ul style="list-style-type: none"> • Student projects: percentage of students who have done in-house projects including inter-departmental projects: 1 student • percentage of students doing projects in collaboration with other universities/ 			

	industry/institute: NIL			
29.	Awards /recognitions received at the national and international level by:	None		
30.	Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any.:			
	Title Seminars/Conference s/ Workshops	Dates	No. of participants	Outstanding participants (keynote speakers, eminent scientists/academicia s who attended the programme
	HamdardUniversity funded ANTIBIOTIC AWARENESS WEEK 2015 (Organizing Secretary: Prof. Nilanjan Saha, Dept. Pharmacology)	16 th – 21 st November, 2015	150	Guest of Honour: Dr GN Qazi, Hon’able VC, Hamdard University Speakers: Prof. AH Chowdhury Dept. of Critical Care, GB Pant Hospital, Ne Delhi
31.	Code of ethics for research followed by the departments: Yes (ix) IAEC (x) Ethics Committee			
32.	Student profile programme wise: NA			
33.	Diversity of students: NA			
	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State
				% of student from other countries
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.: NIL			
35.	Student progression:	NA		
36.	Diversity of staff:	Percentage of faculty who are graduates		%
		of the same university		0%
		from other universities within the State		20
		from universities from other States		60
		from universities outside the country		20
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment	None		

	period:	
38.	Present details of departmental infrastructural facilities with regard to	<p>(i) Library</p> <ul style="list-style-type: none"> - Departmental Library present - In addition, Faculty library serves all departments of HIMSR. <p>(ii) Internet facilities for staff and students Available</p> <p>(iii) Total number of class rooms Faculty has 3 Lecture Theatres shared amongst the departments of HIMSR 1 demonstration room</p> <p>(iv) Class rooms with ICT facility 03</p> <p>(v) Students' laboratories 02</p> <p>(vi) Research laboratories 01 –Central research laboratory 01- Departmental research laboratory</p>
39.	List of doctoral, post-doctoral students and Research Associates:	NA
40.	Number of post graduate students getting financial assistance from the university.:	NA
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	YES
42.	Does the department obtain feedback from:	YES
43.	List the distinguished alumni of the department (maximum 10):	NA
44.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	<p>Seminars/Lectures by Prof Daljit Singh on 6th April 2015 – Surgical Interventions for treatment of Epilepsy</p> <p>Seminars/Lectures by Dr Santhi Pal, Manager efficacy &utilization, QSM Department , WHO, Geneva, Switzerland on 18 th february 2014- Pharmacovigilance: Because we don't know what we don't know</p>
45.	List the teaching methods adopted by	Didatic Lectures -Chalk& Board, Over head Projector,LCD Projector Seminars

	the faculty for different programmes.:	Tutorials Practicals
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	End term Evaluation, Examinations, Sessional Examinations, MCI inspects and ensures that the courses are run as per their requirements
47.	Highlight the participation of students and faculty in extension activities.	Quiz, Rangoli, Poster competition (ANTIBIOTIC AWARENESS WEEK, 16 th – 21 st November, 2015)
48.	Give details of “beyond syllabus scholarly activities” of the department.	Seminars on recent developments, Quiz, poster competition, rangoli competition
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details.:	University is accredited by NAAC
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	<p>Department is well equipped with advanced instrumentation facilities like UV spectrophotometer, Analgesimeter, Active Passive Avoidance Apparatus, Electroconvulsimeter, etc. Currently department is initiating research with view to obtain grants from various funding agencies DST, ICMR, UGC, CSIR, AICTE, AYUSH etc.</p> <p>Department has published more than 6 research papers in various national and international journals with high impact factors.</p> <p>Faculty members of the department have presented their work in various national and international Conferences and Symposia like 4th International Conference and Exhibition on Pharmacovigilance & Clinical Trials August 10-12, 2015; 3rd International Conference of Pharmacoeconomics & Outcomes Research Oct 2014.</p>
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	<p>Strengths</p> <ol style="list-style-type: none"> 1.Excellent Faculty with good track record 2.Department participating Centre in Pharmacovigilance Program of India 3.Publications in high impact factor journals 4. Excellent Research Environment <p>Opportunities</p> <ol style="list-style-type: none"> 1.Continued effort for interdisciplinary research and teaching 2. Work with new funding sources 3. Tie-up with Clinical Departments
52.	Future plans of the department.:	Development and establishment of post-graduate courses and research are under consideration.

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	PHYSIOLOGY			
2.	Year of establishment:	2011			
3.	Is the Department part of a School/Faculty of the university?	HIMSR, Jamia Hamdard.			
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	V. M.B.B.S VI. M.Sc. VII. Ph.D.			
5.	Interdisciplinary programmes and departments involved:	1. BMLT (Department of paramedical Sciences) 2. BPT, BOT (Department of Rehabilitation Sciences) 3. BSc Nursing (Faculty of Nursing)			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	Nil			
7.	Details of programmes discontinued, if any, with reasons:	Nil			
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	Professional Examination System as per MCI guidelines. (MBBS) Semester system (MSc)			
9.	Participation of the department in the courses offered by other departments:	<ul style="list-style-type: none"> • M.Sc. • Paramedical • Rehabilitation • Nursing. 			
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)
		Professor	1	1	1
		Associate Professors	1	1	1
		Assistant Professors	2	3	3
	Others	4	3	3	
11.					

Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
Prof. Shobitha	M.D	Prof. and HOD	Physiology	12 years and 11 months	3 MPT students
Dr. Iqbal Alam	Ph.D.	Associate Prof.	Physiology	18 years 2 months	Nil
Dr. Preeti Tyagi	M.D	Assistant Professor	Physiology	5 years and 1 month	Nil
Dr. Perveen Akhtar	M.D	Lecturer	Physiology	2 Years and 2 months	Nil
Dr. Mohd Amir	M.D	Lecturer	Physiology	2 Years and 3 months	Nil
Dr. Fauzia Iftekhar	M.B.B.S	Demonstrator	Physiology	5 Years	Nil
Dr. Manju Sharma	M.B.B.S	Demonstrator	Physiology	5 years	Nil
Dr. Sangeeta Kohli	M.B.B.S	Demonstrator	Physiology	4 years and 11 months	Nil
12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:	Name		Designation	Affiliation	
	Prof.M. Fahim		Adjunct Professor	HIMSR, Jamia Hamdard.	
13. Percentage of classes taken by temporary faculty – programmes-wise information:	NA				
14. programmes-wise Student Teacher Ratio:	Programme		Student teacher ratio		
	1.MBBS		3:1		
	2. M.Sc.		1:1		
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation			Sanctioned	Filled/actual
	Mrs. Swati Bisht (Sr. Lab Tech.)			1	1
	Mr. Joginder (Lab Tech.)			1	1
	Mr. Sarfuddin(Lab Attendant)			1	1
16. Research thrust areas as recognized by major funding agencies:	x.	Lifestyle modification programmes for various non-communicable diseases			
	xi.	Pulmonary function and autonomic function tests			
	xii.	Evaluation of cognition profile			
	xiii.	Drug discovery			

		kiv. Venoms and toxins
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: Nil	
18.	Inter-institutional collaborative projects and associated grants received:	Nil
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	NA
20.	Research facility/centre with:	NA
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	None
22.	Publications: (last 5 years):	
<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): 14 • Monographs: Nil • Chapters in Books: • Edited Books : Nil • Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers) <p>Publications:</p> <p><u>[2015]</u></p> <ol style="list-style-type: none"> 1. Mohammed Imran, Mohd Amir, Perveen Akhter. Allergic Adverse Drug Reaction with Pholcodine Cough Preparation: Banned for Some Bane for Some. Published in Journal of Medical Erudite. 3(1)-45-48.[Print ISSN: 2278-1927 and Online ISSN: 2349-2112].(Impact Factor-0) 2. Perveen Akhter, Mohd Amir, M. Shobitha. (2015) “Leptin an energy barometer and neuroendocrinal regulator!!” Published In Journal of Medical Erudite. 3(1)-15-25[Print ISSN: 2278-1927 and Online ISSN: 2349-2112]. (Impact Factor-0) 3. Tyagi P, Singh AK, Tomar S et. al. (2015). Surrogacy- Does It Affect Physiology Of Bonding Between Surrogate Mother- Fetus And Biological Mother- New Born? Int J Health Sci Res. 5(3): 321-323. (ISSN: 2249-9571). (Impact Factor-0) 4. Preeti Tyagi, Maloy B Mandal, AN Gangopadhyay (2015). In Vitro Study of Spontaneous And Histamine Induced Contractions In Pre-Atretic Part Excised From A Case Of Colonic Atresia. Indian Journal of Pharmacy and Pharmacology. 139-142. ISSN No. : 2393-9079. (Impact Factor-0) 5. Shobitha M, Agarwal J.L (2015). Effect of dynamic meditation on 		

electroencephalographic patterns and cardio respiratory parameters in healthy subjects. *Indian Journal of Public Health Research and Development*, 2015; 6,29-34. Print ISSN: 0976-0245. Online ISSN: 0976-5506. (Impact Factor-0)

6. Nahid Khan, Jyoti Ganai, **Shobitha M**, Dr. S. Kohli (2015). Evaluation of autonomic dysfunction in obese and non obese adolescents, *International Journal of Clinical and Experimental Physiology*, volume 2, 195-8. ISSN: Print -2348-8832, Online - 2348-8093 (Impact Factor-0)
7. **Shobitha M. Sangeeta kohli** (2015). Physiological effects of practice of loving-kindness meditation. *International journal of Physiology*, volume 4, 1-3. [ISSN – 2320-6039 (Print) and 2320-608X (Electronic)] (Impact Factor-0)

[2014]

8. **Mohd Amir**, Mohammed Imran, AnuradhaIyer, MohdHaroon Khan, Tanveer Ahmad , HumairaNaqvi.(2014)“Evaluation of effect of age on parasympathetic status in north indian subjects. *International Journal of physiology*. 3(1)-103-107.[ISSN – 2320-6039 (Print) and 2320-608X (Electronic)]. (Impact Factor-0)
9. **Preeti Tyagi** (2014). Role of Letrozole In Infertility. *Review of Research*. 3(9), 48-52. ISSN No : 2249-894X. (Impact Factor-0)
10. Amit kant singh , Narsingh verma , Ramji singh and **Preeti tyagi** (2014). Spirometry: A Useful Tool For Early Detection Of Small Airway Obstruction In Smokers. *Review of Research*. 1-4. ISSN No : 2249-894X. (Impact Factor-0)
11. **Alam, M.I** (2014) Inhibition of toxic effects of viper and cobra venom by Indian medicinal plants **Pharmacology and Pharmacy**. **5**, 828-837. **2014**. (ISSN Print: 2157-9423. ISSN Online: 2157-9431) (Impact Factor-0.68)

[2013]

12. **Mohd Amir**, TanveerAhmad ,RachnaParashar (2013) “ Effect of age on sympathetic nervous system” published in,*Journal of Medical Erudite*. 2(1)-1-8.[Print ISSN: 2278-1927 and Online ISSN: 2349-2112] (Impact Factor-0)
13. **Shobitha M**, Agarwal J.L.(2013) Hypothesis formulation for integrated neuroendocrinal mechanism for pair bonding, romantic love, maternal and paternal love. *International journal of Physiology*; volume 1, 73-77. [ISSN – 2320-6039 (Print) and 2320-608X (Electronic) (Impact Factor-0)
14. **Shobitha M**, Agarwal J.L. (2013) Effect of short duration of “aum” mantra chanting on electroencephalogram, galvanic skin resistance and heart rate. *International journal of Physiology*; volume 1, 68-72. [ISSN – 2320-6039 (Print) and 2320-608X (Electronic)] (Impact Factor-0)

[2011]

15. Amit Nargotra, Sujata Sharma, Mohd. **Iqbal Alam**, Zabeer Ahned, Asha Bhagat, Subhash Chandra Taneja, Gulam Nabi Qazi, Surrinder Koul (2011) In silico identification of viper phospholipase A₂ inhibitors: validation by in vitro, in vivo studies. (Impact Factor-1.98)

	<p><u>Proceedings.</u> <u>Edited Books</u> Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers)-Nil <u>Book/ Chapter</u> Nil</p> <p>Citation and h-index: (Google Search)</p> <table border="1"> <thead> <tr> <th>Name of the Faculty</th> <th>Citations</th> <th colspan="2">h-index</th> </tr> </thead> <tbody> <tr> <td>Prof. Shobitha</td> <td>6</td> <td colspan="2">1</td> </tr> <tr> <td>Dr. Iqbal Alam</td> <td>583</td> <td colspan="2">10</td> </tr> <tr> <td>Dr. Preeti Tyagi</td> <td>10</td> <td colspan="2">1</td> </tr> <tr> <td>Dr. Perveen Akhtar</td> <td>0</td> <td colspan="2">0</td> </tr> <tr> <td>Dr. Mohd Amir</td> <td>0</td> <td colspan="2">0</td> </tr> </tbody> </table>				Name of the Faculty	Citations	h-index		Prof. Shobitha	6	1		Dr. Iqbal Alam	583	10		Dr. Preeti Tyagi	10	1		Dr. Perveen Akhtar	0	0		Dr. Mohd Amir	0	0	
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23.	Details of patents and income generated:	Nil																										
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25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	Nil																										
26.	Faculty serving in: <ul style="list-style-type: none"> (i) National committees-NA (ii) International committees-NA (iii) Editorial Boards of journals- <ul style="list-style-type: none"> 1. M.Shobitha, Scientific committee, International Journal of Physiology. 2. Preeti Tyagi, Associate Editor, Indian Journal of Clinical Anatomy and Physiology. (iv) Any other (please specify) 																											
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):																											
	Name of faculty member	Title of programmes	Institution where attended	Duration (dates)																								
	Prof. M. Shobitha	Revised Basic Course Workshop of Medical Education Unit.	Maulana Azad Medical College, New Delhi.	13-15th October, 2015.																								
	Dr Preeti Tyagi	Basic course workshop in medical education technologies conducted by MAMC New Delhi	HIMSR Jamia Hamdard University, New Delhi	16-18 TH April 2015																								
	Dr Mohd Amir	Workshop on written assessment Techniques	HIMSR Jamia Hamdard	20 th October 2015																								

				University, New Delhi	
	Dr Perveen Akhter	Workshop on written assessment Techniques	HIMSR Jamia Hamdard University, New Delhi	20 th October 2015	
	Dr. I. Alam	Bioinformatics conference-cum Workshop	HIMSR Jamia Hamdard University, New Delhi	19 th -20 th October 2015	
28.	Student projects:	Nil			
29.	Awards /recognitions received at the national and international level by: Faculty				
	S. No	Faculty	Award/Recognition	Year	
	1.	Dr. M. Shobitha	Best poster presentation in ISARCON	2015	
	2.	Dr. Preeti Tyagi	Sri Venkateshwara Cardiac Research Medal for Clinical Research on Atherosclerosis and Allied Aspect in ISARCON	2015	
30.	Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:				
	Title Seminars/Conferences/ Workshops	Dates	No. of participants	Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme)	
	Seminars/Conferences- Nil				
31.	Code of ethics for research followed by the departments:	(xi) As per RPAC committee (xii) HIMSR and Ethical Committee, Jamia Hamdard			
32.	Student profile programme-wise: Not Applicable				
33.	Diversity of students:				
	Name of the Programmes	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries
	M.Sc. Physiology	2015	100%	Nil	Nil
34.	How many students have cleared Civil Services and	Nil			

	Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:											
35.	Student progression: NA											
36.	Diversity of staff:	<table border="1"> <thead> <tr> <th>Percentage of faculty who are graduates</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>of the same university</td> <td>Nil.</td> </tr> <tr> <td>from other universities within the State</td> <td>40%</td> </tr> <tr> <td>from universities from other States</td> <td>60%</td> </tr> <tr> <td>from universities outside the country</td> <td>Nil.</td> </tr> </tbody> </table>	Percentage of faculty who are graduates	%	of the same university	Nil.	from other universities within the State	40%	from universities from other States	60%	from universities outside the country	Nil.
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from other universities within the State	40%											
from universities from other States	60%											
from universities outside the country	Nil.											
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	Nil										
38.	Present details of departmental infrastructural facilities with regard to	(i) Library: 1 (ii) Internet facilities for staff and students : Whole HIMSR building has WiFi connectivity (iii) Total number of class rooms: 1(Demonstration Room) (iv) Class rooms with ICT facility: (v) Students' laboratories 3 (vi) Research laboratories: 2 (vii) Central Research Lab-1										
39.	List of doctoral, post-doctoral students and Research Associates:	Nil										
40.	Number of post graduate students getting financial assistance from the university:	NA										
41.	Was any need assessment exercise undertaken before the development of new programmes(s)? If so, highlight the methodology:	Board of studies meeting with experts.										
42.	Does the department obtain feedback from:	1. Yes, Done by Medical Education unit (i) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Assessment and adoption of improvement strategies (ii) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Critical evaluation and adoption of improvement strategies (iii) Alumni and employers on the programmes offered and how does the department utilize the feedback? NA										

43.	List the distinguished alumni of the department (maximum 10):NA	
44.	Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts:	Nil
45.	List the teaching methods adopted by the faculty for different programmes.	Seminars, tutorials, Lab teaching, integrated teaching, Lectures and Demonstrations
46.	How does the department ensure that programmes objectives are constantly met and learning outcomes are monitored?:	<ol style="list-style-type: none"> 1. Regular feedbacks and assessments, Microteaching sessions evaluations 2. Written exam and viva voce of students.
47.	Highlight the participation of students and faculty in extension activities.	Nil
48.	Give details of “beyond syllabus scholarly activities” of the department.	Cultural Activities - Literature and Fine arts.
49.	State whether the programmes/department is accredited /graded by other agencies? If yes, give details:	Medical Council of India.
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied:	<p>Regular research and publications</p> <p>Conducting seminars and workshops.</p>
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:	<ol style="list-style-type: none"> a. Strengths <ol style="list-style-type: none"> 1. Adequate faculties and infrastructure for UG MBBS course. 2. Good team work. 3. Encouraging management and higher authorities. b. Weaknesses <ol style="list-style-type: none"> 1. Development of infrastructures for P.G courses is on the way c. Opportunities <ol style="list-style-type: none"> 1. To Start new courses (Post graduation and Doctorate) 2. Scope of Collaboration with other faculties and departments d. Challenges <ol style="list-style-type: none"> 1. Procurement of further infrastructures. 2. Further training and expertise of faculties in various skills.
52.	Future plans of the department:	<ol style="list-style-type: none"> 1. Establishment of Exercise Physiology and Autonomic function test labs. 2. Establish Life style modification clinics.

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	PSYCHIATRY				
2.	Year of establishment:	2011				
3.	Is the Department part of a School/Faculty of the university?	Yes, HIMSR				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	MBBS				
5.	Interdisciplinary programmes and departments involved:	Paramedical Sciences <ul style="list-style-type: none"> – Department of Rehabilitation Sciences: <ul style="list-style-type: none"> • Occupational Therapy (BOT,MOT) • Physiotherapy (BPT,MPT) – Ruffaida College of Nursing <ul style="list-style-type: none"> • MSc Nursing 				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	Nil				
7.	Details of programmes discontinued, if any, with reasons:	Nil				
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	Professional examination system (As per MCI)				
9.	Participation of the department in the courses offered by other departments:	YES <ul style="list-style-type: none"> – Department of Rehabilitation Sciences – Ruffaida College of Nursing 				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor	1	1	1	
		Associate Professors	0	0	0	
		Assistant Professors	1	1	1	
		Others	0	0	0	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years

	Dr R.C.Jiloha	MD	Professor & Head, Dept of Psychiatry; Professor &Head, Dept of Rehabilitation Sciences	Psychiatry	40 years	NA
	Dr Prerna Kukreti	MD, IDMHLHR	Assistant Professor	Psychiatry	6 years	NA
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		Nil			
13.	Percentage of classes taken by temporary faculty – programme-wise information:		NA			
14.	Programme-wise Student Teacher Ratio:			Programme	Student teacher ratio	
				MBBS	3:1	
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		Designation	Sanctioned	Filled/actual	
			Psychiatric Social Worker	2	0	
16.	Research thrust areas as recognized by major funding agencies:		Addiction Psychiatry, Child & Adolescent Psychiatry, Geriatric Psychiatry, Forensic Psychiatry			
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: Nil					
18.	Inter-institutional collaborative projects and associated grants received:		Nil			
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):		NA			
20.	Research facility/centre with:		Nil			
21.	Special research laboratories sponsored by/created by industry or corporate bodies:		None			
22.	Publications: (last 5 years):		<ul style="list-style-type: none"> – Number of papers published in peer reviewed journals (national / international): Nil – Monographs: Nil – Chapters in Book: Nil – Edited Books: Nil 			

		<p>– Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers): Nil</p> <p>Citation And H-index: (Google Search) (ATTACHED)</p> <table border="1"> <thead> <tr> <th>Name of the Faculty</th> <th>Citations</th> <th>h-index</th> </tr> </thead> <tbody> <tr> <td>Dr RC Jiloha</td> <td>401</td> <td>10</td> </tr> <tr> <td>Dr Perna Kukreti</td> <td>3</td> <td>1</td> </tr> </tbody> </table>	Name of the Faculty	Citations	h-index	Dr RC Jiloha	401	10	Dr Perna Kukreti	3	1
Name of the Faculty	Citations	h-index									
Dr RC Jiloha	401	10									
Dr Perna Kukreti	3	1									
23.	Details of patents and income generated:	Nil									
24.	Areas of consultancy and income generated:	Nil									
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	Nil									
26.	<p>Faculty serving in:</p> <p>Dr R.C. Jiloha</p> <p><u>Membership of Professional Societies</u></p> <ol style="list-style-type: none"> 1. Life Fellow of Indian Psychiatry Society (Membership No. 18005) 2. Life Fellow of Delhi Psychiatry Society 3. President Elect Indian Psychiatry Society- North Zone 4. President : Indian Association of Child & Adolescent Psychiatry 5. Life Fellow Indian Association of Biological Psychiatry (Membership No. IABP/R001) <p><u>Membership of Editorial Boards of Journals</u></p> <ol style="list-style-type: none"> 1. Indian Journal Of Biological Psychiatry <p><u>Member of Government Bodies</u></p> <ol style="list-style-type: none"> 1. Member: Delhi State Mental Health Authority <p>Dr Perna Kukreti</p> <ol style="list-style-type: none"> 1. Life Member of Indian Psychiatry Society (Membership No. LOM/P02/11) 2. Life Member of Delhi Psychiatry Society 										
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs): Nil										
28.	Student projects:	Nil									
29.	Awards /recognitions received at the national and international level by:										

	<ul style="list-style-type: none"> • Faculty : Prof RC Jiloha received STATE AWARD for meritorious services in Mental Health on 20th October 2015 																			
30.	Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any: <ul style="list-style-type: none"> • Mental Health Week Celebration from 6th October to 12th October 2015 with Keynote Speakers: <ol style="list-style-type: none"> 1. Dr N.G. Desai, Director IHBAS 2. Dr Rajesh Sagar, Professor AIIMS 																			
31.	Code of ethics for research followed by the departments:	(xiii) Institutional Ethics Committee																		
32.	Student profile programme-wise: NA																			
33.	Diversity of students: NA																			
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35.	Student progression: NA <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Student progression</th> <th>Percentage against enrolled</th> </tr> </thead> <tbody> <tr> <td>UG to PG</td> <td></td> </tr> <tr> <td>PG to M.Phil.</td> <td></td> </tr> <tr> <td>PG to Ph.D.</td> <td></td> </tr> <tr> <td>Ph.D. to Post-Doctoral</td> <td></td> </tr> <tr> <td>Employed</td> <td></td> </tr> <tr> <td>• Campus selection</td> <td></td> </tr> <tr> <td>• Other than campus recruitment</td> <td></td> </tr> <tr> <td>Entrepreneurs</td> <td></td> </tr> </tbody> </table>		Student progression	Percentage against enrolled	UG to PG		PG to M.Phil.		PG to Ph.D.		Ph.D. to Post-Doctoral		Employed		• Campus selection		• Other than campus recruitment		Entrepreneurs	
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37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	NA																		
38.	Present details of departmental infrastructural facilities with regard to <ol style="list-style-type: none"> Library : YES Internet facilities for staff and students: Available Total number of class rooms: 4 Lecture Theatres & 1 Demonstration Room Class rooms with ICT facility : Yes Students' laboratories : NA Research laboratories : Yes (Central Laboratory) 																			

39.	List of doctoral, post-doctoral students and Research Associates:	Nil
40.	Number of post graduate students getting financial assistance from the university.:	NA
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	NA
42.	Does the department obtain feedback from: (i) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes (ii) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes (iii) alumni and employers on the programmes offered and how does the department utilize the feedback? No	
43.	List the distinguished alumni of the department (maximum 10):	None.
44.	Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.:	Nil
45.	List the teaching methods adopted by the faculty for different programmes.:	<ul style="list-style-type: none"> • Chalk and Board. • Power Point Presentation • OHP Presentation • Audio-Visual aids (videos on subject related topics) • Interactive Teaching
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	<ul style="list-style-type: none"> • Frequent Assessment Tests • Interactive Sessions
47.	Highlight the participation of students and faculty in extension activities.	Skit performance, Rangoli making, Poster & Collage making as part of Mental Health Week Celebrations
48.	Give details of “beyond syllabus scholarly activities” of the department.	<ul style="list-style-type: none"> • Mental Health Week Celebration from 6th October to 12th October 2015
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details.:	NA
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	Nil

<p>51.</p>	<p>Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:</p>	<p>Strength Good & enthusiastic faculty making efforts to create one of the best psychiatric facility in Delhi</p> <p>Weaknesses Still a growing department.</p> <p>Opportunities</p> <ol style="list-style-type: none"> 1. Good patient turnover in OPD. 2. Good collaboration with other departments leading to opportunities for patient treatment and research program. <p>Challenges</p> <ol style="list-style-type: none"> 21. To start specialty clinics 22. To create awareness regarding the facilities in our department
<p>52.</p>	<p>Future plans of the department.:</p>	<p>To further expand the OPD services, to start specialty clinics, to increase the number of beds in the ward, to expand the teaching activities and to start the post-graduate program in Psychiatry</p>

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	RADIODIAGNOSIS				
2.	Year of establishment:	2011				
3.	Is the Department part of a School/Faculty of the university?	Yes, Hamdard Institute of Medical Sciences and Research				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	MBBS (Undergraduate programme)				
5.	Interdisciplinary programmes and departments involved:	Department of Paramedical Sciences <ul style="list-style-type: none"> • BSc in Medical Imaging Technology • Diploma in XRays and ECG Department of Rehabilitation Sciences <ul style="list-style-type: none"> • BPT • BOT • MPT 				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NIL				
7.	Details of programmes discontinued, if any, with reasons:	NIL				
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Professional examination system as per MCI guidelines.				
9.	Participation of the department in the courses offered by other departments:	Department of Paramedical Sciences <ul style="list-style-type: none"> • BSc in Medical Imaging Technology • Diploma in XRays and ECG Department of Rehabilitation Sciences <ul style="list-style-type: none"> • BPT • BOT • MPT 				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor	1	1	1	
		Associate Professors	0	0	0	
		Assistant Professors	1	1	1	
		Others	---	---	---	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Dr. SS Anand	MBBS, MD	Professor	Radio Diagnosis	30+	Nil

	Dr. Abhinav Jain	MBBS, DNB.	Assistant Professor	Radio Diagnosis	10	Nil	
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		NIL				
13.	Percentage of classes taken by temporary faculty – programme-wise information:		NA				
14.	Programme-wise Student Teacher Ratio:		400/130 (3:1)				
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		Designation	Sanctioned	Filled/actual		
			Senior Technician	4	4		
			Technicians	3	3		
16.	Research thrust areas as recognized by major funding agencies:		<ol style="list-style-type: none"> 1. Neuroinfection imaging 2. Extrapulmonary tuberculosis imaging 				
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: NIL						
	Name of the faculty	Title of the Ongoing project	National/International funding agencies/Tenure	Grant received			
	—						
18.	Inter-institutional collaborative projects and associated grants received:		<ol style="list-style-type: none"> (i) National collaboration: NIL (ii) International collaboration: NIL 				
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):		NIL				
20.	Research facility/centre with:		NIL				
21.	Special research laboratories sponsored by/created by industry or corporate bodies:		NIL				
22.	Publications: (last 5 years):		NA				
	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national / international): NIL • Monographs: NIL • Chapters in Books: NIL • Edited Books : NIL • Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers): NIL 						

	<ul style="list-style-type: none"> Number listed in international database (for e.g. web of science, Scopus, Humanities international complete dare database – international social sciences directory, EBSCO host etc: NIL Citation index-range/average : Google Citation as attached 												
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23.	Details of patents and income generated: NIL												
24.	Areas of consultancy and income generated: Nil												
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad: Dr SS Anand visited FIJI on international expert mission on behalf of IAEA to establish radiotherapy services in Fiji.												
26.	<p>Faculty serving in:</p> <p>(lxiv) National committees: (lxv) International committees (lxvi) Editorial Boards of journals (lxvii) any other (please specify) : Dr SS Anand - Life member, Indian radiology and imaging association Life Member, Society of Nuclear Medicine of India Dr Abhinav Jain- Executive council member for Indian radiology and imaging association & Life Member, Indian society of Neuroradiology.</p>												
27.	<p>Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs): NA</p> <table border="1"> <thead> <tr> <th>Name of faculty member</th> <th>Title of programme</th> <th>Institution where attended</th> <th>Duration (dates)</th> </tr> </thead> <tbody> <tr> <td>—</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name of faculty member	Title of programme	Institution where attended	Duration (dates)	—							
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28.	<p>Student projects: NIL</p> <ul style="list-style-type: none"> percentage of students who have done in-house projects including inter-departmental projects percentage of students who have done projects in other Universities/Institutions 												
29.	<p>Awards /recognitions received at the national and international level by: NIL</p> <ul style="list-style-type: none"> Faculty <table border="1"> <thead> <tr> <th>S. No</th> <th>Faculty</th> <th>Award/Recognition</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	S. No	Faculty	Award/Recognition	Year								
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30.	Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:												

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32.	Student profile programme-wise: <table border="1"> <thead> <tr> <th rowspan="2">S.L</th> <th rowspan="2">Name of the Programme</th> <th rowspan="2">Year</th> <th rowspan="2">Application Received</th> <th colspan="2">Total No. of Student</th> <th rowspan="2">Pass Percentage (%)</th> </tr> <tr> <th>Male</th> <th>Female</th> </tr> </thead> <tbody> <tr> <td rowspan="4" style="text-align: center;">1</td> <td rowspan="4" style="text-align: center;">MBBS</td> <td style="text-align: center;">2012</td> <td style="text-align: center;">2997</td> <td style="text-align: center;">36</td> <td style="text-align: center;">64</td> <td style="text-align: center;">NA</td> </tr> <tr> <td style="text-align: center;">2013</td> <td style="text-align: center;">4332</td> <td style="text-align: center;">64</td> <td style="text-align: center;">36</td> <td style="text-align: center;">NA</td> </tr> <tr> <td style="text-align: center;">2014</td> <td style="text-align: center;">5698</td> <td style="text-align: center;">51</td> <td style="text-align: center;">49</td> <td style="text-align: center;">NA</td> </tr> <tr> <td style="text-align: center;">2015</td> <td style="text-align: center;">8000</td> <td style="text-align: center;">60</td> <td style="text-align: center;">40</td> <td style="text-align: center;">NA</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	S.L	Name of the Programme	Year	Application Received	Total No. of Student		Pass Percentage (%)	Male	Female	1	MBBS	2012	2997	36	64	NA	2013	4332	64	36	NA	2014	5698	51	49	NA	2015	8000	60	40	NA	Total						
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33.	Diversity of students:NA <table border="1"> <thead> <tr> <th>Name of the Programme</th> <th>Year</th> <th>% of students from other universities within the State</th> <th>% of students from universities outside the State</th> <th>% of student from other countries</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries																																	
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38.	Present details of departmental infrastructural facilities with regard to	(i) Library	Central library, HIMSR										
		(ii) Internet facilities for staff and students	Yes, Provided										
		(iii) Total number of class rooms	4 lecture theatres and 1 Demonstration Rooms										
		(iv) Class rooms with ICT facility	Yes										
		(v) Students' laboratories	NA										
		(vi) Research laboratories	NA										
39.	List of doctoral, post-doctoral students and Research Associates:	From the host institution/university: NIL											
40.	Number of post graduate students getting financial assistance from the university.:	NIL											
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	NIL											
42.	Does the department obtain feedback from (i) faculty on curriculum as		Yes, in form of constant										

	<p>well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? (ii) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? (iii) alumni and employers on the programmes offered and how does the department utilize the feedback?</p>	<p>Feedback taken from MEU and board of Studies.</p>	<p>changes in the teaching methodologies</p> <p>NA</p>												
<p>43.</p>	<p>List the distinguished alumni of the department (maximum 10):</p> <p>Distinguished Alumni NA</p> <table border="1" data-bbox="321 783 1446 890"> <thead> <tr> <th data-bbox="321 783 623 821">Name</th> <th data-bbox="623 783 786 821">Course</th> <th data-bbox="786 783 919 821">Batch</th> <th data-bbox="919 783 1446 821">Present position and affiliation</th> </tr> </thead> <tbody> <tr> <td data-bbox="321 821 623 852"></td> <td data-bbox="623 821 786 852"></td> <td data-bbox="786 821 919 852"></td> <td data-bbox="919 821 1446 852"></td> </tr> <tr> <td data-bbox="321 852 623 890"></td> <td data-bbox="623 852 786 890"></td> <td data-bbox="786 852 919 890"></td> <td data-bbox="919 852 1446 890"></td> </tr> </tbody> </table>			Name	Course	Batch	Present position and affiliation								
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<p>44.</p>	<p>Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:</p>	<p>NA</p>													
<p>45.</p>	<p>List the teaching methods adopted by the faculty for different programmes.:</p>	<ul style="list-style-type: none"> • Power Point Presentations for classroom training • Picture Archival Communication System based online demonstration of practical cases in classroom • Didactic lectures (Chalk and Board, Power Point Presentations, videos on subject related topics) • Seminars • Group discussions 													
<p>46.</p>	<p>How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:</p>	<ul style="list-style-type: none"> • Regular Internal Assessment • Seminar sessions • Semester Based Credit System • Regular interaction with students to discuss and review • Regular department meetings of faculty • Review of course completion report at the end of semester 													
<p>47.</p>	<p>Highlight the participation of students and faculty in extension activities.</p>	<p>NA</p>													
<p>48.</p>	<p>Give details of “beyond syllabus scholarly activities” of the department.</p>	<ul style="list-style-type: none"> • Organization of annual CMES to advance radiological advances 													
<p>49.</p>	<p>State whether the programme/department is accredited/graded by other</p>	<p>MCI</p>													

	agencies? If yes, give details.:	
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	NA
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	<p>Strengths</p> <ol style="list-style-type: none"> 20. Fully digital department 21. PACS based radiology reporting 22. capability to store patient data for 10 years 23. 24x7 faculty involved with clinical research <p>Weaknesses</p> <ol style="list-style-type: none"> 11. Coordinated interdepartmental efforts need strengthening <p>Opportunities</p> <ul style="list-style-type: none"> • To become national level model department for NABH in radiology. • To establish radiology department as a technology training and research centre • To establish this department for continuous training / education in radiological techniques <p>Challenges</p> <ol style="list-style-type: none"> 23. To engage collaborative research associates for research work.
52.	Future plans of the department.:	<ol style="list-style-type: none"> 18. Organization of annual radiological CME's on recent advances 19. Starting of post graduate courses at or place 20. To train technology students in radiology physics 21. Grab more opportunities for extramural research funds 22. Promotion of intramural research

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	REHABILITATION SCIENCES																														
2.	Year of establishment:	1998																														
3.	Is the Department part of a School/Faculty of the university?	Yes, Department is a part of Hamdard Institute of Medical Sciences and Research																														
4.	Names of programs offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. D.Litt, etc.):	I. Undergraduate Courses a) Bachelor of Physiotherapy b) Bachelor of Occupational Therapy II. Postgraduate Courses a) Master of Physiotherapy (Cardiopulmonary) b) Master of Physiotherapy (Musculoskeletal) c) Master of Physiotherapy (Neurology) d) Master of Physiotherapy (Sports) e) Master of Occupational Therapy (Musculoskeletal) f) Master of Occupational Therapy (Paediatrics)																														
5.	Interdisciplinary programs and departments involved:	Yes, Bioelectronics and instrumentation, Department of Biochemistry																														
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA																														
7.	Details of programs discontinued, if any, with reasons:	NA																														
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Semester System																														
9.	Participation of the department in the courses offered by other departments:	Involved in teaching Deptt Bioelectronics and instrumentation																														
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):	<table border="1"> <thead> <tr> <th></th> <th>Sanctioned</th> <th>Filled</th> <th>Actual (including CAS & MPS)</th> </tr> </thead> <tbody> <tr> <td>Professor</td> <td>01</td> <td>01</td> <td>01</td> </tr> <tr> <td>Associate Professors</td> <td>01</td> <td>01</td> <td>01</td> </tr> <tr> <td>Assistant Professors</td> <td>08</td> <td>07 PT</td> <td>07 PT</td> </tr> <tr> <td></td> <td>04</td> <td>03 OT</td> <td>03 OT</td> </tr> <tr> <td>Lecturers</td> <td>-</td> <td>03</td> <td>03</td> </tr> <tr> <td>Clinical Therapist</td> <td>02</td> <td>02</td> <td>02</td> </tr> </tbody> </table>				Sanctioned	Filled	Actual (including CAS & MPS)	Professor	01	01	01	Associate Professors	01	01	01	Assistant Professors	08	07 PT	07 PT		04	03 OT	03 OT	Lecturers	-	03	03	Clinical Therapist	02	02	02
	Sanctioned	Filled	Actual (including CAS & MPS)																													
Professor	01	01	01																													
Associate Professors	01	01	01																													
Assistant Professors	08	07 PT	07 PT																													
	04	03 OT	03 OT																													
Lecturers	-	03	03																													
Clinical Therapist	02	02	02																													
11.	Faculty profile with name, qualification, designation, area of specialization, experience																															

and research under guidance:					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D./post Graduates Students Guided for the last 5 years
Prof. R.C. Jiloha	M.D. Psychiatry	Prof. & Head	Psychiatry	> 40 years	15 M.D. 3 Ph.D.
Occupational Therapy Faculty					
Ms Ona P. Desai	M.Sc. Occupational Therapy	Associate Professor	M.Sc. OT in Neurological conditions	>27 yrs.	12
Ms Ruchi N. Buckshee	M.Sc. Occupational Therapy	Asstt. Professor	M.Sc. O.T. Rehabilitation of Physically Handicapped	>18 yrs	12
Ms Shubha Arora	MOT	Asstt. Professor	MOT Pediatrics	>11 yrs	12
Ms Rashida Begum	MOT	Asstt. Professor	MOT Pediatrics	>8 yrs	11
Physiotherapy Faculty					
Ms Nishat Quddus	MPT	Asstt. Professor	MPT Osteomyology	11 yrs	27
Ms Kalpana Zutshi	MPT	Asstt. Professor	MPT Sports Medicine	11 yrs	11
Mr. Sohrab A. Khan	MPT	Asstt. Professor	MPT Musculoskeletal	>9 yrs	28
Mr. Nayeem-u-Zia	MPT	Asstt. Professor	MPT Neurology	>7yrs	19
Ms Nusrat Hamdani	MPT	Asstt. Professor	MPT Neurology	>9 yrs	15
Ms Jyoti Ganai	MPT	Asstt. Professor	MPT Cardiopulmonary	>9 yrs	24
Mr. Deepak Malhotra	MPT	Asstt. Professor	MPT Sports Medicine	>9 yrs	18
Ms Benish Aslam	MPT	Lecturer	MPT Orthopedics	>4 yrs	06
Mr. Zuheb A. Siddiqui	MPT	Lecturer	MPT Orthopedics	>4 yrs	06
Ms Nahid Khan	MPT	Lecturer	MPT Cardiopulmonary	>1 yr	---
Clinical Therapist					

	Ms. Nirupama Singh	MOT	Occupational Therapist	MOT (Orthopaedics)	>27 yr	1															
	Ms. Ashima Chachra	MPT	Physiotherapist	MPT (Sports Medicine)	>8 yr	5															
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		Visiting Faculty - Dr. Anuradha Solanky, PhD (Sports Psychology), Scientist, Sports Authority of India																		
13.	Percentage of classes taken by temporary faculty – programme-wise information:		NA																		
14.	Programme-wise Student Teacher Ratio:		Bachelor of Physiotherapy – 10:1 Bachelor of Occupational Therapy - 10:1 Master of Physiotherapy - 6:1 Master of Occupational Therapy - 5:1																		
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		<table border="1"> <thead> <tr> <th>Designation</th> <th>Sanctioned</th> <th>Filled/actual</th> </tr> </thead> <tbody> <tr> <td>Personal Assistant</td> <td>01</td> <td>01</td> </tr> <tr> <td>Office Assistant</td> <td>01</td> <td></td> </tr> <tr> <td>Lab Attendant</td> <td>01</td> <td>01</td> </tr> <tr> <td>Office Attendant</td> <td>01</td> <td></td> </tr> </tbody> </table>				Designation	Sanctioned	Filled/actual	Personal Assistant	01	01	Office Assistant	01		Lab Attendant	01	01	Office Attendant	01	
Designation	Sanctioned	Filled/actual																			
Personal Assistant	01	01																			
Office Assistant	01																				
Lab Attendant	01	01																			
Office Attendant	01																				
16.	Research thrust areas as recognized by major funding agencies:		i. Neuro Rehabilitation ii. Cardiopulmonary Rehabilitation iii. Sports Fitness and Rehabilitation, iv. Musculoskeletal Rehabilitation v. Pediatric Rehabilitation																		
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: NIL																				
18.	Inter-institutional collaborative projects and associated grants received:		(i) National collaboration - NIL (ii) International collaboration - NIL																		
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):		NIL																		
20.	Research facility/centre with:		NIL																		
21.	Special research laboratories sponsored by/created by industry or corporate bodies:		MPLAD funded equipments worth 65 lakhs for research and patient care.																		
22.	Publications: (last 5 years):																				

1. Number of papers published in peer reviewed journals (national / international):
2. Monographs: **None**
3. Chapters in Books: **None**
4. Edited Books : **None**
5. Books with ISBN with details of publishers: **None**
6. Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)□
7. Citation Index – range / average : **Tabulated below**
8. SNIP : **Tabulated below**
9. SJR : **Tabulated below**
10. Impact Factor Range: **0.378 to 4.572**
11. *h*-index: **Tabulated below**

Publications

[2015]

1. Zahid A, **Khan SA**, Beigh Z. Isokinetic measurement of functional hamstring: Quadriceps strength ratio in various age groups of asymptomatic females. *IJOPT*; 2015; 9(3): 22 – 26.
2. **Siddiqui ZA**, Siddiqui H. Rehabilitation following intramedullary nailing of femoral shaft fracture: A Case Report .*IJPTRS* 2015; 1(1):30-35.
3. Kumar S, **Siddiqui ZA**, Kumar S, Vyas S. Hoffa fracture rehabilitation. *Saudi J Sports Med* 2015; 15:291-4.
4. **Nahid Khan, Jyoti Ganai**, Sunil Kohli, Shobhita Muthukrishnan. Evaluation of autonomic function in obese and non obese adolescents. *International journal of clinical and experimental physiology*.2015 November; vol 2; issue 3 (195-198).
5. Sahar Zaidi, Shibli Nuhmani, **Jyoti Jalwan**. Retrolisthesis: an update. *Saudi J Sports Med*. 2015 May; volume 15; issue 2 ;(111-116).
6. Avi Saraswat, **Deepak Malhotra**, C. Sivaram (2015), Effect of Dynamic Balance Training on Agility in Male Basketball Players; *International Journal of Physiotherapy*, Vol. 2 (5), 798-803, October (2015).
7. Alam Sarfaraz, **Malhotra Deepak**, Chachra Ashima, Munjal Jitender (2015) Immediate Effect of Kinesio Taping on Shoulder Muscle Strength and Range of Motion in Healthy Individuals : A Crossover Trial, *Hong Kong Journal of Physiotherapy*, 2015

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8. **Siddiqui ZA**, Nuhmani S. Traumatic Rotator Cuff Tear in a Young Recreational Athlete: A Case Report. *IJSR* 2014; 3 (6):376-378.
9. **Benish Aslam**(2014), “Changing attitudes towards persons with disabilities- an Indian perspective”, *Social Research Journal: Past, Present and Future*, Volume :V, Issue:2, pg 30-34, ISSN no 0975-0274
10. **Malhotra Deepak**, Narula Richa, **Zutshi Kalpana**, Kapoor Gagan, **Aslam Benish** (2014) “Effect of Time of Day and Concentric or Eccentric Strength Training on Muscle Strength”, *Indian Journal of Physiotherapy and Occupational Therapy (IJPTOT)*, Volume: 8, Issue 1, pg 134-138, ISSN no 0973-5674.
11. **Aslam B, Quddus N**, Bali S, **Khan SA, Malhotra D**. Effect of Hip Abductor Strengthening on Knee Disability in Patients with Patellofemoral Pain Syndrome. *IJSR*; 2014; 11(3): 348-350. Impact factor: 1.8651.
12. Saxena PM, **Khan SA**, Kshitija B, **Quddus N**. Age specific data of deep neck flexor endurance for Asymptomatic young adults. *IJPTOT*; 2014; 4(2): 120 – 125. ISSN no 0973-

5674.

13. Raheem TA, **Nagar R**. Occupational Therapy Management For Work Related Upper Limb Disorders In Computer Users. Indian Journal of Physiotherapy and Occupational Therapy: An International Journal. 2014: 8 (2):135-140. ISSN no 0973-5674.
14. Mohammad Qasim, **Jyoti Jalwan**, R K Dewan, Effects of early mobilization combined with conventional physiotherapy treatment after 4 hrs of lobectomy on hemodynamics, ABG and PFT. Indian Jr of Physiotherapy and Occupational Therapy. 2014; vol 8; no. 4(92-96). ISSN no 0973-5674.
15. Rathore P, Garnawat D, **Jalwan J**, Bangi N A. Comparison of 6 Minute walk distance test and 15 step climbing exercise oximetry test in detecting oxygen desaturation in patients with COPD. Indian Jr of Physiotherapy and occupational therapy. Jan- Mar 2014;vol 8;no. 1(129-133) ISSN no 0973-5674.

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16. S.K.Prasad, **Benish Aslam** (2013), Cultural and disability in Indian perspective”, Social Research Journal: Past, Present and Future, Volume: VI, Issue: 1,Pg 13-17, ISSN no 0975-0274
17. Gupta Ruchika; **Quddus Nishat**, Raj Anish Effect of Shoulder Flexion on Grip Strength Measurement. Indian journal of physiotherapy and occupational therapy (An international Journal).Apr-Jun2013, Vol. 7 Issue 2, p156 ISSN no 0973-5674.
18. Nezamuddin M, **Khan SA**, Hameed UA, Anwar S, Equebal A. Efficacy of pressure biofeedback guided deep cervical flexor training on forward head posture in visual display terminal operators. International Journal of Physiotherapy and Occupational therapy. 2013; Dec 7: 141- 146
19. Islam Rabiul, **Quddus Nishat**, Mohammad Miraj, Anwer Shahnawaz Efficacy of deep cervical flexor strength training versus conventional treatment in cervicogenic headache International Journal of Current Research and Review 2013; 5(8): 84-90
20. Nakra N, **Quddus N**, **Khan SA**, Kumar S, Meena RL .Efficacy of proprioceptive neuromuscular facilitation on shoulder functions in secondary shoulder impingement. International Jr. of therapy and Rehabilitation science; September 2013; Vol.9:450-458.
21. Nezamuddin M, Anwar S, **Khan SA**, Equebal A. Efficacy of pressure biofeedback guided deep cervical flexor training on neck pain and muscle performance in visual display terminal operator. Journal of Musculoskeletal Research; 2013 Vol.16(3):1350011 (8Pages)
22. P. Pragma, **Khan SA**, V. Chorsiya, **N. Quddus**. Role of Pressure Biofeedback in Lumbar Stabilization Exercises in Management of Mechanical Low Back Pain. Physiotherapy and Occupational Therapy Journal; Volume 6, April – June 2013.
23. Iqbal ZA, Rajan R, **Khan SA**. Effect of deep cervical flexors muscles training using pressure biofeedback on pain and disability in school teachers with neck pain. . Journal of physical therapy science; 2013; Vol 25(6):657-661.
24. **Shubha Arora**.: Application of 10% rule in pinch strength, hand dominance on Indian Population. Indian journal of Occupational therapy2013 January-April, Vol45; NO1 (10-13).
25. **Shubha Arora**, Taruna Mathur: Correlation among cervical pain, neck disability Index and health related Quality of life for subjects suffering from cervical pain of age group 20-75 years. Indian journal of physiotherapy and occupational therapy (An international Journal).2013July –September, Vol-7, No-3(292-295).
26. **Shubha Arora**, **Ona P. Desai**: To compare the Inter-rater reliability of students using standardized Hand tools. Indian journal of physiotherapy and occupational therapy (An international Journal) 2013October-December, Vol-7, No-4(280284).
27. M.Usman Akhtar, **Shubha Arora**, Man Mohan Mehdiratta: Barrier Associated with Community Access by stroke Patients in Indian Population. Indian journal of

physiotherapy and occupational therapy (An international Journal).2013 October-December, Vol-7, No-4(260263).

28. Ali N, **Nagar R**. To study the effectiveness of occupational therapy intervention in the management of fear of public speaking in school going children aged between 12-17 years. Indian Journal of Occupation Therapy. 2013; 45 (3): 21-25.
29. Hasan Manzar, **Kalpna Zutshi**, Pratip Mandal, Aug, 2013, Response of therapeutic exercise and patellar taping on patella position and pain control in the Patellofemoral pain syndrome, Indian Journal of Pain, Vol.27, Issue 2. Page No.
30. Rizwan Akhtar, **Jalwan J**, Mukherjee S. To compare the immediate effect of deep breathing exercise and incentive spirometry on ABG after Mitral Valve replacement surgery .Indian Jr of Physiotherapy and occupational therapy, 2012; vol 6; issue 4(12-17)

[2012]

31. Pathan AK, **Khan S. A., Quddus N**, Khan AH. Comparison of the Effect of Gravity assisted Traction and McKenzie approach for reducing pain intensity and disability in non-specific low back pain patients. International journal on Biological sciences; December 2012; Vol 3(2): 69-80.
32. Yasir, Ammar; **Quddus, Nishat**; Grover Shalini The Efficacy of Motor Control Exercise on Disability of Spine in Chronic Low Back Pain: Pre-Test Post-Test Experimental Group Design Indian Journal of Physiotherapy & Occupational Therapy; Oct-Dec 2012, Vol. 6 Issue 4, p145
33. Sudhakar K, **Khan S. A** , Makhija M, **Quddus N**, Khan A H. Efficacy of Median Nerve Mobilization by Tensioner's Technique in Patients with Cervico- Brachial Pain Syndrome . International journal on Biological Sciences; December 2012; Vol 3(2):81-92.
34. Rehan A, **Khan S. A** ,Seth S, **Quddus Nishat**, Khan H. Influence of Vibration in the Prevention of Delayed Onset Muscle Soreness. International journal on Biological sciences; December 2012; 3(2):93- 100.
35. **Khan S. A**, Md Abu Saphe. Efficacy of Manual Therapy in Combination with Pressure Biofeedback Guided Core Stabilization Exercises in Patients with Non Specific Low Back Pain. International journal on Biological sciences; December 2012; Vol 3(2):131-138,
36. Mateen S, **Khan S. A** ,Makhija M, Das S. Correlation of Cranio- Vertebral angle and Cervical Range of Motion with Pain , Severity of Symptoms and Functional status in Patients with Carpal Tunnel Syndrome in Indian population . Indian Journal of Physiotherapy and Occupational therapy – An International Journal; 2012; 6(4):101-105.
37. **Malhotra Deepak, Zutshi Kalpana**, Kapoor Gagan, 2012, Effect of the time of the day on eccentric contraction of biceps Muscle. Indian Journal of Physiotherapy & Occupational therapy; 2012 Volume; Issue.
38. Sharma Abhishek, **Malhotra Deepak**, K.G. Davinder, Mohd. Waseem, Sharma Rajeev (2012), Correlation of femoral shaft length and tibia length with the performance of athletes in speed, agility and strength, **Medicina Sportiva (2012), vol VIII, no 3, 1922-1926**

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39. Anwer Shahnawaz, **Quddus Nishat**, Miraj Mohammad, Equebal Ameen Effectiveness of electromyographic biofeedback training on quadriceps muscle strength in osteoarthritis of knee Hong Kong Physiotherapy journal 2011 Vol 29 Issue 2,86-93.
40. Shakil H, **Khan S. A** Test Retest Reliability and Validity of Hindi Version of Neck Disability Index in Patients with Neck Pain. Journal of Physiotherapy and Occupational therapy – An International Journal; 2011; Vol 5(3):167-169.
41. Mishra N, **Desai OP, Nagar R**. To Study The Effectiveness Of A Specially Designed Therapy Garment On Children With Sensory Integrative Dysfunction. Indian Journal of Occupation therapy. 2011;43(1):32-37.

	<p>42. Sandeep Babbar, Kalpana Zutshi, Jitender Munjal, April-June, 2011, Acute Effect of Dynamic and static stretching exercise bout during warm-up on power in Soccer Players, Indian journal of physiotherapy and occupational Therapy Vol 5, no.2, 148-150.</p> <p>43. Aggarwal Anoop, Kalpana Zutshi, Jitender Munjal, Suraj Kumar, Effect of core stabilization training on dynamic balance in non-professional sports players. Indian Journal of Physiotherapy & Occupational therapy. Volume ; Issue</p> <p>44. Shibli Nuhmani, Kalpana Zutshi, K Gokula Kannan, Farooque, 2011, Effect of Classic Soft Tissue Mobilization and prolonged stretching on hamstring flexibility Medicina Sportiva (2011), vol VII, no 2, 1557 - 1562</p> <p>45. Najibuddin sheikh, Ganai Dr Jyoti, Singla Dr Rupak. Comparison of six minute walk test and one minute sit to stand test in both chronic obstructive pulmonary disease patients and in healthy individuals. Lab to land, vol. 3; no 12, 2011; ISSN no 0975-282.</p>			
23.	Details of patents and income generated:	Nil		
24.	Areas of consultancy and income generated:	Income Generated from Patient Care		
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	NIL		
26.	Faculty serving in:			
	Name of faculty member	International Committees	National Committees	Editorial Board Members of Journals
	Mr. Nayeem U Zia			International Journal of Physical therapy and Rehabilitation sciences ISSN (O): 2349 – 4719 ISSN (P): 2349 – 4700.
	Mrs. Ona P Desai			Astrocyte ISSN: Print -2349-0977, Online - 2349-4387
	Ms. Nishat Quddus		National Task force committee Ministry of Health and family welfare, India	Indian Journal of Physiotherapy and Occupational Therapy ISSN 0973-5666 ISSN 0973-5674
	Ms. Kalpana Zutshi			1. The Physiotherapy Post ISSN0975-1785(P) 2. Committee Member as Faculty for, Student Magazine of HIMSR, 2015.
	Mr. Zuheb Ahmed Siddiqui			International Journal of Physical therapy and Rehabilitation sciences ISSN (O): 2349 – 4719 ISSN (P): 2349 – 4700

	Mr. Deepak Malhotra			International Journal of Physical therapy and Rehabilitation sciences ISSN (O): 2349 – 4719 ISSN (P): 2349 – 4700.
	Mr. Sohrab A. Khan			Indian Journal of Physiotherapy and Occupational Therapy ISSN 0973-5666 ISSN 0973-5674
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):			
	Name of faculty member	Title of programme	Institution where attended	Duration (dates)
	Ona P. Desai	Neurorehabilitation subsequent to head and spine injuries	India International Centre, New Delhi	2 days 27.11.2015- 28.11.2015
		OTICON 2015	AIIMS New Delhi	3 days 10.04.2015- 12.04.2015
		Assistive technology	Indian spinal cord Injury Centre, New Delhi	19.12.2013- 21.12.2013
		Rehabilitation of persons with spinal cord injury	Scope complex, new Delhi	1 day 25.11.2013
		Stroke and Neurodegenerative diseases	AIIMS, New Delhi	1 day 28.02.2012
		Workshop on teaching methodology	Jamia Hamdard, New Delhi	1 day 30.07.2012
		Biomechanics of weight bearing joints with special reference to knee	G. B Pant Hospital new Delhi	1 day 05.02.2012
		Occupational therapy: and ultimate solution for functional living (OTICON)	Ravindra Bhawan, Goa	3 days 16.01.2012- 18.01.2012
	Ruchi Nagar Buckshee	“Leadership and Personality Enrichment Program”	Jamia Hamdard New Delhi	26 th – 27 th Sep. 2014
		U.G.C. Workshop on “Capacity Building Workshop of Women Managers in Higher Education”	Sarajini Naidu Centre for Women’s Studies, Jamia Millia Islamia, New Delhi	24 th – 28 th April 2012
		Workshop on “Research Methodologies” for women Scientist	Dept. of Pharmacology, AIIMS, New Delhi & Dept. of Science Technology, Govt. of India	3 rd – 7 th Oct. 2011
	Shubha	Refresher course	CPDHE, University of	3 weeks

Arora	On “ Women studies”(interdisciplinary)	Delhi	2-22 December2015
	Developments in neuro-rehabilitation : present and future	Apollo Hospital	3 days 21 st to 23rd March 2014
	Orientation Program	Jamia Millia Islamia Delhi	4 weeks July- Aug 2012
	Workshop on Basic Life support “ Skill to help save lives”	Jamia Hamdard	1 day 7 th February 2012
Rashida Begum	95 th Orientation Programme	UGC-Academic Staff College, Jawaharlal Nehru University, New Delhi	06 th April to 1 st May 2015
	4 th Special Winter School (Interdisciplinary Refresher Course)	UGC-Academic Staff College, Jamia Millia Islamia, New Delhi	08 th December to 30 th December 2015
Nishat Quddus	Refresher course	Jamia Millia Islamia	3 Weeks 09.02.2015 to 02.03.2015
	Enhance performance – Play Fit	Indraprastha Apollo Hospitals	23 August 2015
	Behaviour Addiction – Concept and Clinical Challenges	Delhi Psychiatric Society	30 th August 2015
	Contraception update & PPIUCD Insertion Technique	CME cum workshop, HIMSR, Jamia Hamdard	17 th Oct 2015
	CME on “Clinical Research & Bioethics”	HIMSR	24 th February 2015
	3 rd International conference & workshops of physical therapy	AIIMS	19 th & 20 th December 2014
	Bioelectronics and Biomedical Technology	Dept. of Biochemistry, Jamia Hamdard	29-30 January 2013
	Innovations in Educational System: Key to Educational Reforms	Rufaida College of Nursing, Jamia Hamdard	25 th Nov 2013
	25 th Annual Conference of Indian Society for Atherosclerosis Research & CME New Paradigms in Atherosclerosis & CV Disorders	HIMSR	29 th - 31 st October, 2015
	National Seminar on “Lifestyle Disorders and role of Unani Medicine”	the Faculty of Medicine (UNANI) , HIMSR	6 th march,2012
	Orientation Programme	Jamia Millia Islamia	4 Weeks 18.01.2012- 17.02.2012
	National workshop on “Effective Teaching-	Rufaida College Of Nursing, Jamia	27 th -29 th february,2012

	Learning And Assessment Strategies In Educational Methodology	Hamdard	
	International symposium on “Rehabilitation, Health And Wellness”	Manav Rachna International University,	14 th march 2 012
	Walk and workshop for “Awareness, Preparedness and Management for risk reduction of disaster”	Jamia Hamdard	1 day 12.10.11
	Sensitization Programme on disability by IGNOU	Jamia Hamdard	1 day 07.12.2011
	Workshop on Isokinetic exercises	Jamia Hamdard	1 day 13.12.2013
Kalpna Zutshi	Refresher Program Special Summer Interdisciplinary	Jamia Millia Islamia	Three weeks, 6 th May to 26 th May 2015
	Behaviour Addiction – Concept and Clinical Challenges	Delhi Psychiatric Society	30 th August 2015
	Contraception update & PPIUCD Insertion Technique	CME cum workshop, HIMSR, Jamia Hamdard	17 th Oct 2015
	Bioelectronics and Biomedical Technology	Dept. of Biochemistry, Jamia Hamdard	29-30 January 2013
	25 th Annual Conference of Indian Society for Atherosclerosis Research & CME New Paradigms in Atherosclerosis & CV Disorders	HIMSR	29 th - 31 st October, 2015
	Workshop on teaching methodology	Jamia Hamdard, New Delhi	1 day 30.07.2012
	Workshop on Basic Life Support “Skill to help save lives”	Jamia Hamdard	1 day February, 2012
	International symposium on “Rehabilitation, Health And Wellness”	Manav Rachna International University,	14 th march 2 012
	Sensitization Programme on disability by IGNOU	Jamia Hamdard	1 day 07.12.2011
Sohrab A. Khan	Vestibular rehabilitation	AIIMS, New Delhi	2 Days 28 th – 29 th September 2015
	Neural development and treatment	Kalp Health Care, Dwarka, New Delhi	1 Day 16 th August 2015
	Workshop on clinical research and Bioethics	HIMSR, Jamia Hamdard, New Delhi	1 Day 24 th February 2015

		IBM SPSS training programme	Jamia Hamdard, New Delhi	3 days 13 th -15 th February 2015
		Basic NDT and Bobath	AIIMS ,New Delhi	2 Days 17 th -18 th December 2014
		Upper cervical spine disorders physiotherapy perspective	BLK Super Specialty Hospital, New Delhi	2 Days 5 th -6 th July 2014
		Unani medicine Beyond traditional legacy	Jamia Hamdard ,New Delhi	1 Day 9 th September 2013
		Effective teaching learning and assessment strategies in educational methodology	Jamia Hamdard, New Delhi	3 days 27 th -29 th February 2012
Zuheb A. Siddiqui		Hands on Training on K-Taping	K-taping Academy	03 Days September 2015
		Effective Soft Skills for Clinical Research	Harrison's Tech Consultants and Centre for Translational and Clinical Research (CTCR)	2 days April 2015
		Workshop on clinical research and Bioethics	HIMSR, Jamia Hamdard, New Delhi	1 Day 24 th February 2015
		Brian Mulligan's Concept Mobilizations with Movement, NAGs, SNAGs	Capri Institute of Manual Therapy, New Delhi	8 days 14 th to 22 nd June, 2014
		Lumbo-sacral Manipulation and Neural Mobilization	Sir Ganga Ram Hospital, New Delhi	2 days 18 th and 19 th February, 2012
		National workshop on Effective Teaching - Learning and Assessment Strategies in Educational Methodology	Rufaida College of Nursing, Jamia Hamdard	2 days February, 2012
		Workshop on Basic Life Support "Skill to help save lives"	Jamia Hamdard	1 day February, 2012
		Cyriax Manipulation	IAMR, Ghaziabad	2 days 8 th and 9 th January, 2011
Benish Aslam		"3 rd International conference & workshops of physical therapy	AIIMS	19 th & 20 th December 2014
		25 th Annual Conference of Indian Society for Atherosclerosis Research & CME New Paradigms in Atherosclerosis & CV Disorders	HIMSR	29 th - 31 st October, 2015
		National Seminar on Promoting Physical activity & Healthy Eating for a	AMU	21 st & 22 nd November 2015

		Healthier Nation	
		4th All India Physiotherapy Conference	ITS College of Physiotherapy 1 ST - 9 th December 2015
		Workshop on “Lumbo-sacral Spinal manipulation and Neural mobilization”	Sir Ganga Ram hospital December 2012
		National Seminar on “Lifestyle Disorders and role of Unani Medicine”	the Faculty of Medicine (UNANI) , HIMSR 6 th march,2012
		Walk and workshop for “Awareness, Preparedness and Management for Risk Reduction of Disaster”	Faculty of Medicine (U), Jamia Hamdard, New Delhi 12.10.2012
		National workshop on “Effective Teaching-Learning And Assessment Strategies In Educational Methodology	Rufaida College Of Nursing, Jamia Hamdard 27 th -29 th february,2012
		International symposium on “Rehabilitation, Health And Wellness”	Manav Rachna International University, 14 th march 2012
		CME on “Clinical Research & Bioethics”	HIMSR 24 th February 2015
		CME on “Advances in the field of Physiotherapy”	Jaypee Hospital, Noida 19 th April 2015
	Nayeem U Zia	Neurorehabilitation subsequent to head and spine injuries	India International Centre, New Delhi 2 days 27.11.2015-28.11.2015
		Neurodevelopmental Treatment in Hemiplegia	Aligarh Muslim university 1 day 28.11.2015
		NDT/Bobath certificate course in the management of adults with stroke and brain injury	Sancheti College of Physiotherapy, Shivajinagar Pune 3 weeks 19.01.2015to 06.02.2015
		Workshop on Clinical Research and Bioethics	Jamia Hamdard, New Delhi. 1 day 24.02.2015
		Gait Assessment and Training	DCWA Centre, Zamrudpur New Delhi 1 day 21.03.2014
		Stroke and Neurodegenerative diseases	AIIMS, New Delhi 1 day 28.02.2012
		Workshop on Hand splinting	Leprosy Mission Community Hospital Delhi. 1 day 04.02.2012
		National workshop on Effective Teaching - Learning and Assessment Strategies in Educational Methodology	Rufaida College of Nursing, Jamia Hamdard 2 days February, 2012

		Neurophysical therapy workshop	Medanta Institute of Neurosciences	2 days 22.09.2012 to 23.09.2012
		Sensitization Programme on disability by IGNOU	Jamia Hamdard	1 day 07.12.2011
Deepak Malhotra		Certification as Pilates Instructor	St. Pilates International, Melbourne, Australia	4 th to 6 th December 2015
		Workshop on Dry Needling	GEMt (Australia)	20 th to 28 th November 2015
		Workshop on clinical research and Bioethics	HIMSR, Jamia Hamdard, New Delhi	24 th February 2015
		UGC sponsored Orientation programme	CPDHE, UGC-ASC, University of Delhi	8 th Dec. 2014 to 5 th January 2015
		“Leadership and Personality Enrichment Program”	Jamia Hamdard New Delhi	26 th – 27 th Sep. 2014
		Workshop on Teaching Methodology	HIMSR, Jamia Hamdard, New Delhi	30 th July 2012
		Faculty Research Fellowship, Summer Programme	CBME – IIT Delhi	21/05/2012 to 16/07/2012
		Workshop on Basic Life support “ Skill to help save lives”	Jamia Hamdard	1 day 7 th February 2012
		Walk and workshop for “Awareness, Preparedness and Management for risk reduction of disaster”	Jamia Hamdard	1 day 12.10.11
	Jyoti Jalwan		Developments in neuro-rehabilitation : present and future	Apollo Hospital
		Workshop on Basic Life support “ Skill to help save lives”	Jamia Hamdard	1 day 7 th February 2012
		Walk and workshop for “Awareness, Preparedness and Management for risk reduction of disaster”	Jamia Hamdard	1 day 12.10.11
Nahid Khan		First aid workshop	Amandeep Hospital, Amritsar	21 Jan 2011
		Workshop on “Neuromuscular Energizing Therapy and Functional Electrical Stimulation” in	VIMHANS, New Delhi	19th to 20th July, 2012.
		“Brian Mulligan’s Concept Mobilization with Movement, NAGS, SNAGS, etc. for Upper and Lower Quadrant”	DELHI	14th June to 18th June 2014.

		Follow –up workshop on “Brian Mulligan’s Concept Mobilization with Movement, NAGs, SNAGs, etc.”	DELHI	21st June to 23rd June 2014.
		“Basic Life Support (Health Care Provider) course” certified by “American Heart Association”	MANAV RACHNA INTERNATIONAL UNIVERSITY, NEW DELHI	15 November 2014.
		Workshop on “Clinical Research and Bioethics” organized by “Research Project Advisory Committee”,	HIMSR, JAMIA HAMDARD, NEW DELHI	Committee”, Hamdard Institute of Medical Sciences and Research, New Delhi on 24th February 2015.
		CME on “Advances in the Field of Physiotherapy”	Jaypee Hospital, Noida	19th April, 2015
		Kinesiology Taping (Basic) Course	Max Hospital, Shalimar Bagh	18 th -19 th December 2015
28.	Student projects:	<ul style="list-style-type: none"> percentage of students who have done in-house projects including inter-departmental projects 100% percentage of students who have done projects in other Universities/Institutions NIL 		
29.	Awards /recognitions received at the national and international level by:			
	Designation	Name of Award	Recipient	
	Faculty	1. Life time Achievement Award for Professional Excellence by All India Occupational Therapists Association (Delhi Branch) on 27 th October 2012 on the occasion of World Occupational Therapy Day.	Ona P. Desai	
		2. Best Oral Presentation Award for paper titled “A Case Report of Cognitive Behaviour Therapy with Occupational Therapy Intervention on a Child with learning Disability” in ICCBI-AIIMS – 2015 conference held at AIIMS, New Delhi from 2nd - 3rd March 2015.	Rashida Begum	
		3. Best Poster Presentation Award for paper titled “The Methodology and Efficacy of Occupational Therapy and Cognitive Behaviour Therapy in Autism Spectrum Disorder: A Critical Review” in ICCBI-AIIMS – 2015 Conference held at AIIMS, New Delhi from 2nd - 3rd March 2015.	Rashida Begum	
		4. 2nd prize for scientific paper titled “Intensive Care Unit: Role of Occupational Therapy” in ICMH-AIIMS 2014 conference held at AIIMS, New Delhi on 09th Jan 2014	Rashida Begum	

	<p>5. Award title: Significant contribution award for Physiotherapy Awarded by: Indian Association of Physiotherapist (IAP) in the International conference held in Siri fort Auditorium, New Delhi 16th -18th March 2012(organized by IAP)</p> <p>6. First prize in Poster presentation” Role of Physiotherapy in Non Communicable Disease” in the World Physiotherapy Day in 8th Sept 2014 held in HIMSR, Jamia Hamdard.</p> <p>7. 1st Prize (Co-Author) in poster presentation Title” Physiotherapy A Contemporary approach in Infertility Management.” in Indo Japanese Conclave 2 organized at Manav Rachna Int University, Faridabad 2014</p>	Nishat Quddus
	<p>8. Awarded for Significant Contribution as Sports Physiotherapist during Delhi Police Week, February, 2015.</p> <p>9. Significant Contribution Award in the field of Physiotherapy Feb 2013, by Indian Association of Physiotherapist.</p>	Kalpana Zutshi
	<p>10. 1st Prize In Poster Presentation at 3rd International Conference of Physical Therapy, AIIMS 2014.</p> <p>11. Significant contribution in Physiotherapy by Indian Association of Physiotherapists, 2012.</p>	Deepak Malhotra
	<p>12. 3rd Prize, Paper Presentation in AMU by Department of Physical Education on 21-22 Nov 2015</p> <p>13. Significant Contribution Award in Physiocon at 4th All India Physiotherapy Conference, PHYSIOCON – 2015 held at I.T.S College of Physiotherapy, Ghaziabad U.P, and December 2015.</p> <p>14. 1st Prize (Co-Author) in poster presentation Title” Vibration therapy a new hope for managing osteoporosis” in Indo Japanese Conclave 2 organized at Manav Rachna Int University, Faridabad</p> <p>15. 1st Prize (Co-author) in Poster presentation Role of Physiotherapy in Non Communicable Disease” in the World Physiotherapy Day in 8th Sept 2014 held in HIMSR, Jamia Hamdard.</p> <p>16. 1st Prize (Co-Author) in poster presentation Title “Physiotherapy A Contemporary approach in Infertility Management” in Indo Japanese Conclave 2 organized at Manav Rachna Int University, Faridabad 2014.</p> <p>17. 1st Prize in Oral Presentation (Co-author) in AMU by Department of Physical Education on 21-22 Nov 2015.</p> <p>18. 1st prize in Scientific paper (Co-author) presentation titled, "Effect of high heel footwear on efficacy of chewing: Review" at Physiocon organised by KGMC, Lucknow 2015.</p> <p>19. 1st prize in Scientific poster presentation titled, "Effect of tight hamstrings on vital capacity: Review" Physiocon 2015 organised by KGMC, Lucknow.</p> <p>20. 2nd prize in Scientific paper presentation titled, "Effect of Hamstring strengthening on tibial torsion in people with osteoarthritis knee: Review" Physiocon 2015 organised by</p>	Sohrab Ahmad Khan

		KGMC, Lucknow 21. 2 nd prize (Coauthor) in Paper Presentation” Comparison of Pilates exercises and Mc Gill exercise in Treatment of nonspecific low back pain in young adults in AMU by Department of Physical Education on 21-22 Nov 2015.	
		22. Best poster prize (Co Author) ISARCON 2015 held in HIMSR, Jamia Hamdard, October 2015.	Jyoti Ganai
		23. 2 nd Prize: Paper Presentation at 4th International Conference and Workshops of Physical Therapy, AIIMS, November 2015. 24. 1 st Prize: Poster Presentation at 4th All India Physiotherapy Conference, PHYSIOCON – 2015 held at I.T.S College of Physiotherapy, Ghaziabad U.P December 2015. 25. Third prize in Poster presentation” Role of Physiotherapy in Non Communicable Disease” in the World Physiotherapy Day in 8 th Sept 2014 held in HIMSR, Jamia Hamdard	Zuheb Ahmed Siddiqui
		26. 2 nd prize in Paper Presentation” Comparison of Pilates exercises and Mc Gill exercise in Treatment of nonspecific low back pain in young adults” and in AMU by Department of Physical Education on 21-22 Nov 2015	Ms. Benish Aslam
		27. Best poster prize “Evaluation of autonomic function in Obese and Non obese adolescents “ISARCON 2015 held in HIMSR, Jamia Hamdard, October 2015.	Ms. Nahid Khan
	Students	28. 1 st Prize Poster Presentation at 4th All India Physiotherapy Conference, PHYSIOCON – 2015 held at I.T.S College of Physiotherapy, Ghaziabad U.P, December 2015. 29. 1 st Prize in Oral Presentation in AMU by Department of Physical Education on 21-22 Nov 2015 30. 1st prize. Scientific paper presentation titled, "Effect of high heel footwear on efficacy of chewing: Review". Physiocon 2015 organised by KGMC, Lucknow. 31. Physiocon 2015 organised by KGMC, Lucknow. 1st prize in Scientific poster presentation titled, "Effect of tight hamstrings on vital capacity: Review" 32. Physiocon 2015 organised by KGMC, Lucknow. 2nd prize in Scientific paper presentation titled, "Effect of Hamstring strengthening on tibial torsion in people with osteoarthritis knee: Review" 33. 3 rd Prize in Oral Presentation at Physiocon 2015 organised by KGMC, Lucknow 34. 3 rd Prize in Poster Presentation held at HIMSR, Jamia Hamdard, September, 2014	Zeeshan Rais (BPT Intern) Himanshu Mathur (MPT 2 nd yr) Himanshu Mathur (MPT 2 nd yr) Himanshu Mathur (MPT 2 nd yr) Zaheed Akhtar Pratibha Chakrawarti Jibran Khan (BPT Intern), Zeeshan Rais (BPT)
30.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:		

	Title Seminars/Conferences/ Workshops	Dates	No. of participants	Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme																													
1	Seminar on Psychiatry and Occupational Therapy.	January, 2011	50	Dr. Sara Cook, Sheffield Hallam University, UK																													
2	Seminar on Biomechanics	24 th January 2011	50	Gokula Kannan, Faculty, University of TEESIDE, UK.																													
3	Lecture on Research in Rehabilitation	28 th November 2011	50	Dr. Prellwitz, LUELA University , Sweden																													
4	Sensitization Program on Disability by National Centre for Disability Studies in Collaboration with Jamia Hamdard	7 th December 2011	300																														
5	Seminar on Learning Disabilities.	21 st January 2012	60	Dr. Madhuri Kulkarni ,Former Professor Pediatrics and Dean, LTMMC, Mumbai																													
6	Preconference workshop on Isokinetic Exerciser as part of International Conference & workshop on Physical Therapy AIIMS held in Jamia Hamdard	13 th December 2013	40	Bill Galway, Keynote Speaker																													
31.	Code of ethics for research followed by the departments:	Two committees (i) Institutional Ethical Committee (ii) RPAC																															
32.	Student profile programme-wise:																																
	<table border="1"> <thead> <tr> <th rowspan="2">Name of the Programme (refer to question/point no. 4)</th> <th colspan="2">Selected</th> <th colspan="2">Pass percentage</th> </tr> <tr> <th>Male</th> <th>Female</th> <th>Male</th> <th>Female</th> </tr> </thead> <tbody> <tr> <td>Undergraduates (BPT)</td> <td>32</td> <td>113</td> <td>100</td> <td>100</td> </tr> <tr> <td>Undergraduates (BOT)</td> <td>05</td> <td>44</td> <td>100</td> <td>100</td> </tr> <tr> <td>Postgraduates (MPT)</td> <td>56</td> <td>66</td> <td>100</td> <td>100</td> </tr> <tr> <td>Postgraduates (MOT)</td> <td>15</td> <td>22</td> <td>100</td> <td>100</td> </tr> </tbody> </table>				Name of the Programme (refer to question/point no. 4)	Selected		Pass percentage		Male	Female	Male	Female	Undergraduates (BPT)	32	113	100	100	Undergraduates (BOT)	05	44	100	100	Postgraduates (MPT)	56	66	100	100	Postgraduates (MOT)	15	22	100	100
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	Name of the Programme (refer to question/point no. 4)	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries																		
	BPT	62.79	31.78	5.42																		
	BOT	80.3	15.7	04																		
	MPT	34.45	59.66	5.88																		
	MOT	55	45	---																		
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	<ol style="list-style-type: none"> 1. Kushla Sharma MPT: Defense Services 2. Laxman Singh BPT: Defense Services 3. Shравan K Singh MOT: Defense Services 																				
35.	Student progression:	<table border="1" style="width: 100%;"> <thead> <tr> <th>Student progression</th> <th>Percentage against enrolled</th> </tr> </thead> <tbody> <tr> <td>UG to PG</td> <td>90</td> </tr> <tr> <td>PG to M.Phil.</td> <td></td> </tr> <tr> <td>PG to Ph.D.</td> <td>5%</td> </tr> <tr> <td>Ph.D. to Post-Doctoral</td> <td></td> </tr> <tr> <td>Employed</td> <td></td> </tr> <tr> <td>• Campus selection</td> <td>20%</td> </tr> <tr> <td>• Other than campus recruitment</td> <td>80%</td> </tr> <tr> <td>Entrepreneurs</td> <td>5%</td> </tr> </tbody> </table>			Student progression	Percentage against enrolled	UG to PG	90	PG to M.Phil.		PG to Ph.D.	5%	Ph.D. to Post-Doctoral		Employed		• Campus selection	20%	• Other than campus recruitment	80%	Entrepreneurs	5%
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36.	Diversity of staff:	<table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2">Percentage of faculty who are graduates</th> </tr> </thead> <tbody> <tr> <td>of the same university</td> <td>18.75%</td> </tr> <tr> <td>from other universities within the State</td> <td>18.75%</td> </tr> <tr> <td>from universities from other States</td> <td>62.5%</td> </tr> <tr> <td>from universities outside the country</td> <td>nil</td> </tr> </tbody> </table>			Percentage of faculty who are graduates		of the same university	18.75%	from other universities within the State	18.75%	from universities from other States	62.5%	from universities outside the country	nil								
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37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	None																				
38.	Present details of departmental infrastructural facilities with regard to	<ol style="list-style-type: none"> a) Library: No Departmental Library. The central library has all the necessary resources and facilities and it is located within the campus. b) Internet facilities for staff and students Jamia Hamdard has facilitated in providing internet access through 1 GB fiber Optic cables as well as Wifi throughout the campus. All the classrooms, M.Sc. labs, research labs, 																				

		<p>offices, hostels and the entire campus has internet connectivity which has strengthened the academic and research activities of the Department.</p> <p>c) Total number of class rooms : 07</p> <p>d) Class rooms with ICT facility : Portable LCDs Available</p> <p>e) Students' laboratories : 03</p> <p>f) Research laboratories : 02</p>																				
39.	List of doctoral, post-doctoral students and Research Associates:	NIL																				
40.	Number of post graduate students getting financial assistance from the university:	08																				
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:	NA																				
42.	Does the department obtain feedback from:	<p>a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes views from internal and external experts are taken into account for redesigning and reframing the curriculum and also teaching – learning methods</p> <p>b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes feedback is taken from students which help in improving teaching methodology and curriculum.</p> <p>c) Alumni and employers on the programs offered and how does the department utilize the feedback? Yes , feedback from alumni is taken</p>																				
43.	List the distinguished alumni of the department (maximum 10):																					
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3	Kamal Narayan Arya	MOT	2002	Lecturer, IPH																		

	4	Vivek Nigam	MPT (Sports)	2014	Head Physio, Indian Soccer League
	5	Shamim Kabir	MOT	2003	Occupational Therapist, Hamad Medical College, Qatar
	6	Mohd. Yoosuf	MOT	2005	Director, Shama Foundation
	7	Jamal Ali Moiz	MPT Cardiopulmonary	2006	Assistant Professor, Jamia Millia Islamia
	8	Shibili Nuhmani	MPT Sports	2007	Assistant Professor, Dammam University, Saudi Arabia
	9	Manish Samnani	MOT	2006	Director, SOCH
	10	Mohd. Abu Shaphe	MPT Cardiopulmonary	2007	Associate Professor, Jazan University, Saudi Arabia
44.	Give details of student enrichment programs (special lectures/workshops/seminar) involving external experts:				
		DATE	SEMINAR/WORKSHOP/LECTURES		
	1	January,2011	Dr. Sara cook, Sheffield Hallam University, UK, Seminar on Psychiatry and occupational therapy.		
	2	24 th January 2011	Seminar on biomechanics by Gokula Kannan, Faculty, University of TEESIDE, UK		
	3	3 RD November 2011	CEEK 12 th Presentation by Alpha Vista Organization, USA, Regarding windows software for learning disability.		
	4	28 th November 2011	Lecture on Research in Rehabilitation by Dr. Prellwitz, LUELLA University , Sweden		
	5	7 th December 2011	Sensitization Program on disability by National Center for Disability studies, IGNOU.		
	6	21 st January 2012	Seminar on Learning disabilities by Dr. Madhuri Kulkarni ,Former Professor Pediatrics and Dean, LTMMC, Mumbai.		
	7	7 th February 2012	Basic Life Support organized by HIMSR and Department of Rehabilitation Sciences in collaboration with AHA.		
	8	6 th October 2013	Clinical case meeting on THR in collaboration with Delhi branch AIOTA.		
	9	October 2013	Clinical case meeting on sports injuries in collaboration with Delhi Branch of IAP.		
	10	5 th December 2013	Disaster management training workshop in collaboration with DDMA		
	11	13 th December 2013	Preconference workshop on Isokinetic exerciser as part of international conference and workshop on physical therapy AIIMS.		
45.	List the teaching methods adopted by the faculty for		Board/Chalk Over head Projection		

	different programs:	LCD Projection Seminar Presentation Practical Hands on training Guest Lectures Scientific and Educational Tours Visit to Exhibitions and Book Fairs
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?	<ul style="list-style-type: none"> • Regular screening of students in the clinical settings through case presentations. • Sessional exams (Theory and Practical demonstrations) • Semester Examination • Seminar on clinical issues. • Feedback forms from students
47.	Highlight the participation of students and faculty in extension activities:	<ul style="list-style-type: none"> • National Summit on Non Communicable Diseases, August 2011. • Awareness run against Drug Abuse, March 2011, Vigyan Bhawan , New Delhi • Combat Drug Resistance on World Health Day, April 2011. • National Awareness on Ageing and Health on World HEALTH day, AIIMS, 2012. • Walkathon on World Population Day, July 2012, India Gate. • Participation in DAVIS CUP as Physiotherapist in 2013. • Delhi Charity Run, October 2013, JLN New Delhi. • World Physiotherapy Day in HIMSR, Jamia Hamdard 2014. • World Occupational Therapy Day in Department of Rehabilitation Sciences in October 2014. • Special Olympics Bharat, February 2015, Asha Kiran Home, New Delhi. • World physiotherapy day, Sports Injury Centre, Safdarjung Hospital, September 2015. • World Physiotherapy Day in HIMSR, Jamia Hamdard 2015. • Surakshit Khadya Abhiyan, October 2015, JLN Stadium. • Diabetic Walk in collaboration with Dental College, JMI, November 2015. • Participation of Faculty and students as Physiotherapist in National Interuniversity Basketball Championship in 2015 held at Jamia Hamdard.
48.	Give details of “beyond syllabus scholarly activities” of the department:	<ul style="list-style-type: none"> • Research guidance to other universities • Experts for inspections • Participation in seminars, workshops, conferences. • Presentation of research papers and posters in seminars and conferences. • Experts/Chairperson in workshops /seminars/conferences. • Publication of research papers in journals. • Review Research manuscript. • On research/dissertation committees for other universities • Organised Osteoporosis Camp in 2013 • Organised World Physiotherapy Day (8th September 2014) • Organised World Occupational therapy Physiotherapy Day(27th

		<p>Oct 2014)</p> <ul style="list-style-type: none"> Organised World Physiotherapy Day (8th September 2015)
49.	State whether the programme/department is accredited/ graded by other agencies? If yes, give details:	<ol style="list-style-type: none"> Yes. DCPTOT (Delhi Council for Physiotherapy and Occupational Therapy) AIOTA (All India Occupational Therapy Association)
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied:	The faculty members are contributing to the body of knowledge through the project work and publications of scholarly research papers.
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:	<p>Strengths</p> <ul style="list-style-type: none"> Core faculty members are from various colleges all over the country. Department is well equipped for patient care and students training. More than adequate books are available in the library related to rehabilitation and medical subjects and also related Journals. Students are getting exposure in various ICUs, wards and OPDs of the HAHC Hospital <p>Weaknesses</p> <ul style="list-style-type: none"> Frequent shifting of the department. The department is at different places in the university <p>Opportunities</p> <ul style="list-style-type: none"> With the medical college and expansion of HAHC hospital, more clinical material is available for research work and student's training. With medical college more holistic extension services i.e. camps can be conducted. Opportunity to be a part of publication of a medical journal. With state of art equipment opportunity of conducting more research work. PhD program in the department is recently approved. <p>Challenges</p> <p>Publish papers in journals with high impact factors.</p>
52.	Future plans of the department:	<ol style="list-style-type: none"> Faculty members shall enroll and complete PhD program. Have research projects for the department. Have research collaborations with other organization. Faculty members be on the boards of national and international professional Organizations. Have more international research publications and presentations.

EVALUATIVE REPORT OF THE DEPARTMENT

1.	Name of the Department:	GENERAL SURGERY				
2.	Year of establishment:	2011				
3.	Is the Department part of a School/Faculty of the university?	Yes, Hamdard Institute Of Medical Sciences, Jamia Hamdard New Delhi				
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	M.B.B.S.				
5.	Interdisciplinary programmes and departments involved:	BSc. ETCT, BPT, MPT				
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	NA				
7.	Details of programmes discontinued, if any, with reasons:	NA				
8.	Examination System: Annual/Semester/Trimester /Choice Based Credit System:	Professional examination system as per MCI				
9.	Participation of the department in the courses offered by other departments:	1. BSc. ETCT 2. BPT 3. MPT				
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)	
		Professor	1	2	2	
		Associate Professors	2	2	2	
		Assistant Professors	4	4	4	
		Senior residents	4	4	4	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Dr. Musharaf Husain	MBBS. M.S(Surgery) DNB(Surgery)	Professor/ HOD	GENERAL SURGERY	16	NA

		MRCS(Edin)				
	Dr. P. K. Ganguly	MBBS. M.S(Surgery)	Professor	GENERAL SURGERY	28	NA
	Dr. Amit Goel	MBBS, M.S(Surgery) FICS,FNB	Associate Professor	GENERAL SURGERY	17	NA
	Dr.Rehan Nabi Khan	MBBS, M.S(Surgery) DNB(surgery))\MRCS	Associate Professor	GENERAL SURGERY	13	NA
	Dr. Mohhammad Mohsin	MBBS, M.S(Surgery)	Assistant Professor	GENERAL SURGERY	16	NA
	Dr.Ajaz Ahmed Wani	MBBS, DNB(surgery)	Assistant Professor	GENERAL SURGERY	4	NA
	Dr.Raja Nadeem	MBBS, MS(surgery)	Assistant Professor	GENERAL SURGERY	2	NA
	Dr. Qayoom Khan	MBBS, MS(surgery)	Senior resident	GENERAL SURGERY	0	NA
	Dr . Prakhar Gupta	MBBS, MS(surgery)	Senior resident	GENERAL SURGERY	6 months	NA
	Dr Mohit rawat	MBBS, MS(surgery)	Senior resident	GENERAL SURGERY	0	NA
	Dr Ahmad Nayeem Afaque	MBBS, MS(surgery)	Senior resident	GENERAL SURGERY	2 years	NA
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:	Nil				
13.	Percentage of classes taken by temporary faculty – programme-wise information:	Nil				
14.	Programme-wise Student Teacher Ratio:		Programme	Student teacher ratio		
			MBBS	3:1		
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:	Designation	Sanctioned	Filled/actual		
		1.Technical assistant/technicians	3	3		
		2.Laboratory Attendants	4	4		
		3.Store keeper	1	1		
		4.Steno-Typist	1	1		
		5. Record Clerks	2	2		
16.	Research thrust areas as recognized by major funding agencies:	<ol style="list-style-type: none"> 1. Minimal Access Surgery 2. Trauma Surgery 3. Bariartic Surgery 4. Colorectal Surgery 5. Medical Education 				

17.	<p>Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: NIL</p> <table border="1" data-bbox="321 279 1479 449"> <tr> <td data-bbox="321 279 971 449"> Name of the faculty Title of the Ongoing project National/International funding agencies/Tenure Grant received </td> <td data-bbox="971 279 1479 449">None</td> </tr> </table>	Name of the faculty Title of the Ongoing project National/International funding agencies/Tenure Grant received	None
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18.	<table border="1" data-bbox="321 449 1503 552"> <tr> <td data-bbox="321 449 691 552">Inter-institutional collaborative projects and associated grants received:</td> <td data-bbox="691 449 1503 552">Nil</td> </tr> </table>	Inter-institutional collaborative projects and associated grants received:	Nil
Inter-institutional collaborative projects and associated grants received:	Nil		
19.	<table border="1" data-bbox="321 552 1503 753"> <tr> <td data-bbox="321 552 691 753">Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):</td> <td data-bbox="691 552 1503 753">Nil</td> </tr> </table>	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	Nil
Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	Nil		
20.	<table border="1" data-bbox="321 753 1503 856"> <tr> <td data-bbox="321 753 691 856">Research facility/centre with:</td> <td data-bbox="691 753 1503 856">None</td> </tr> </table>	Research facility/centre with:	None
Research facility/centre with:	None		
21.	<table border="1" data-bbox="321 856 1503 993"> <tr> <td data-bbox="321 856 691 993">Special research laboratories sponsored by/created by industry or corporate bodies:</td> <td data-bbox="691 856 1503 993">None</td> </tr> </table>	Special research laboratories sponsored by/created by industry or corporate bodies:	None
Special research laboratories sponsored by/created by industry or corporate bodies:	None		
22.	<table border="1" data-bbox="321 993 1503 1923"> <tr> <td data-bbox="321 993 691 1062">Publications: (last 5 years):</td> <td data-bbox="691 993 1503 1923"> <ol style="list-style-type: none"> 1. Number of papers published in peer reviewed journals (national / international): 19 2. Monographs: 2 3. Chapters in Books: Nil 4. Edited Books : Nil 5. Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers): Nil <p>Publications:</p> <ol style="list-style-type: none"> 1. Husain M, <u>Khan S</u>, Hassan MJ, Hepatic tuberculosis mimicking metastasis in a case of carcinoma sigmoid colon. J Lab Physicians 2015;7:64-6 (ISSN - 0974-2727) 2. Husain M, <u>Khan S</u>. Early Clinical Exposure-When and How-A student’s Perspective. Journal of Research in Medical Education and Ethics 2015;5:179-83 (ISSN 2231-671X) 3. <u>Goel A</u>. Surgical sutures-A review.Delhi J Ophthalmol 2016;26:159-62 indexed. 4. <u>Musharraf Husain</u>, Sabina Khan, Ashraf Bhat, Firdoos Hajini. Accessory breast tissue mimicking pedunculated lipoma BMJ Case Reports 2014; doi:10.1136/bcr-2014-204990 ISSN: 1757-790X 5. Firdoos F Hajini, <u>Husain M</u>, Bhatt A, Bukhari I A. Gastric diverticulum a rare endoscopic finding. BMJ Case Reports Published 1 April 2014; doi:10.1136/bcr-2013-202887 (ISSN 1757-790X) 6. Das SS, <u>Husain M</u>, Bhat A, Hajini FF (2014) Phytobezoar Causing Terminal Ileal Obstruction– Can Enterotomy be Avoided?. JSM Clin Case Rep 2014(2): 1024. ISSN: 2373-9819 7. Khan S, <u>Husain M</u>, Ansari MM (2014) Sebaceous Gland carcinoma - Case Report and Literature Review. JSM Clin Case Rep 2014(2): 1025. ISSN: 2373-9819 </td> </tr> </table>	Publications: (last 5 years):	<ol style="list-style-type: none"> 1. Number of papers published in peer reviewed journals (national / international): 19 2. Monographs: 2 3. Chapters in Books: Nil 4. Edited Books : Nil 5. Books with ISBN with details of publishers (please provide detail of books such as authors/editors, title, ISBN, year of publication, publishers): Nil <p>Publications:</p> <ol style="list-style-type: none"> 1. Husain M, <u>Khan S</u>, Hassan MJ, Hepatic tuberculosis mimicking metastasis in a case of carcinoma sigmoid colon. J Lab Physicians 2015;7:64-6 (ISSN - 0974-2727) 2. Husain M, <u>Khan S</u>. Early Clinical Exposure-When and How-A student’s Perspective. Journal of Research in Medical Education and Ethics 2015;5:179-83 (ISSN 2231-671X) 3. <u>Goel A</u>. Surgical sutures-A review.Delhi J Ophthalmol 2016;26:159-62 indexed. 4. <u>Musharraf Husain</u>, Sabina Khan, Ashraf Bhat, Firdoos Hajini. Accessory breast tissue mimicking pedunculated lipoma BMJ Case Reports 2014; doi:10.1136/bcr-2014-204990 ISSN: 1757-790X 5. Firdoos F Hajini, <u>Husain M</u>, Bhatt A, Bukhari I A. Gastric diverticulum a rare endoscopic finding. BMJ Case Reports Published 1 April 2014; doi:10.1136/bcr-2013-202887 (ISSN 1757-790X) 6. Das SS, <u>Husain M</u>, Bhat A, Hajini FF (2014) Phytobezoar Causing Terminal Ileal Obstruction– Can Enterotomy be Avoided?. JSM Clin Case Rep 2014(2): 1024. ISSN: 2373-9819 7. Khan S, <u>Husain M</u>, Ansari MM (2014) Sebaceous Gland carcinoma - Case Report and Literature Review. JSM Clin Case Rep 2014(2): 1025. ISSN: 2373-9819
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8. S Bahadur, M Pujani, **S Jetley**, MJ Hassan, S Khetrpal, M Husain. Coexistent axillary hydatid disease and tuberculosis: Case report of an extremely rare occurrence. J Cytol 2014;31:32-35. (ISSN:0970-9371) **impact factor 0.374**
9. S Khan, **S Jetley**, Z Jairajpuri, M Husain. Fibromatosis Colli - A Rare Cytological Diagnosis In Infantile Neck Swellings JCDR 2014;8:FD08-FD09. (ISSN: 2249-782X)
10. MJ Hassan, Z Jairajpuri, **S Jetley**, S Khan, M Husain. *Microfilariae of Wucheria bancrofti in a patient of chylous hematuria: An uncommon finding in urine cytology.* Journal of Clinical and Diagnostic Research. 2014 Jan, Vol-8(1): 153-154 (ISSN: 2249-782X)
11. **Amit Goel**, Pavitra Ganguli, Umbreen Nazir, Raja Nadeem. Comparative Study Of Clinical Manifestation, Plain Film Radiography And Computed Tomography For Diagnosis Of Maxillofacial Trauma. Jemds 2014;31:11318-20 (Issn 2278-4748) , impact factor under evaluation.
12. **Amit Goel**, Pavitra Ganguli, Kirti Ganguli. Laparoscopy For Abdominal Injuries: A Review Study. Journal Of Evolution Of Medical And Dental Sciences 2014;Vol 3, Issue 15, April 14; 3868-3871, impact factor under evaluation
13. MJ Hassan, Khan S. **S Jetley**, M Husain. Ectopic Liver tissue attached to gall bladder- a rare incidental finding. International journal of Basic and Applied Medical Sciences 2013; 3(3):60-64. **ISSN: 2277-2103**
14. Khan S, **HUSAIN M**, Hassan MJ, Bashir. Small bowel carcinoid_ a rare cause of recurrent intestinal obstruction. **International journal of Basic and Applied Medical Sciences.** 2013;3(3):65-69 **ISSN: 2277-2103**
15. **M. Husain**, Sachan PK, S Khan, L lama, Rehan NK. Role of Diagnostic Laparoscopy in chronic and recurrent abdominal pain. Trop Gastroenterol. 2013;34(3):170-173.
16. **M Husain**, F Hajini, A Bhatt. *Duplicated pyelocaliceal system with partial duplication of ureter* BMJ Case Reports 2013 doi:10.1136/bcr-2013-009115 (**ISSN 1757-790X**)
17. **M Husain**, FF Hajini, P Ganguly, S Bukhari. *Laparoscopic repair of adult Bochdalek's hernia* BMJ Case Reports 2013; doi:10.1136/bcr-2013-009131 (**ISSN 1757-790X**).
18. S Khan, **MJ Hassan**, M Husain, S Jetley. *Chronic constipation: An unusual presentation of a Giant Serous Cystadenoma of ovary* Bangladesh Journal of Medical Science 2013;12:108-109 ISSN 2223-4721
19. **S Khan**, S Jetley, M Husain. *Spectrum of histopathological lesions in Cholecystectomy specimens: A study of 360 case at a teaching hospital in South Delhi.* Archives of International Surgery 2013;3(2):102-105 **ISSN 2278-959**

Proceedings: Nil

Monographs : 2

1. **M Husain. Complicated intra-abdominal infections: Case Reports. ECAB: Infectious Diseases. Clinical Update: Expert Opinion. Elsevier 2013.**
2. **M Husain. Case study series in Intra-abdominal infections. EACB: Infectious Diseases. Expert Opinion. Elsevier 2014**

Edited Books Book/ Chapter : NIL

Citation And H-index: (Google Scholar)

Name of the Faculty	Citations	h-index
Dr. Musharaf Husain	72	4
Dr .P.K.Ganguly	0	0
Dr. Amit Goel	0	0
Dr.Rehan Nabi Khan	0	0
Dr.Mohhamadmohsin	0	0
Dr Ajaz Ahmad Wani	0	0
Dr Raja Nadeem	0	0

	Dr Qayoom Khan	0	0																
	Dr Prakhar Gupta	0	0																
	Dr Ahmad Nayeem Afaque	0	0																
	Dr Mohit Rawat	0	0																
23.	Details of patents and income generated:	Nil																	
24.	Areas of consultancy and income generated:	Nil																	
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	Presently None																	
26.	<p>Faculty serving in:</p> <p>(lxviii) National committees:</p> <p>Membership of Editorial Boards of Journals</p> <p>Prof Musharraf Husain</p> <ol style="list-style-type: none"> 1. Member National Academy Of Medical Sciences. (MNAMS) 2. Life Member, Association Of Surgeons Of India. (ASI) 3. Life Member, International Society Of University Colon And Rectal Surgeons (ISUCRS) 4. Life Member, World Association Of Laparoscopic Surgeons (WALs). 5. Life Member, Association Of Minimal Access Surgeons Of India. (AMASI) 6. Life Member, Association Of Colorectal Surgeons Of India. (ACRSI) 7. Life Member, Society Of Endoscopic And Laparoscopic Surgeons Of India. (SELSI) <p>i. International committees: Nil</p> <p>ii. Editorial Boards of journals: Nil</p> <p>iii. any other (please specify)</p> <p>Editorial Board: Nil</p>																		
27.	<p>Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):</p> <table border="1"> <thead> <tr> <th>Name of faculty member</th> <th>Title of programme</th> <th>Institution where attended</th> <th>Duration (dates)</th> </tr> </thead> <tbody> <tr> <td>1.Dr. Musharraf Husain</td> <td>Training on laparoscopic Colorectal Surgery</td> <td><i>gem institute , course at Coimbatore</i></td> <td><i>23rd -25th july2015</i></td> </tr> <tr> <td>2.Dr. Musharraf Husain</td> <td>Training on <i>laparoscopic Colorectal Surgery</i></td> <td>EthiconInstitute of Surgical education , New Delhi</td> <td>20th march 2014</td> </tr> <tr> <td>3. .Dr. Musharraf</td> <td><i>PACE colorectal</i></td> <td><i>MEDANTA</i></td> <td><i>16th -17th September 2013</i></td> </tr> </tbody> </table>			Name of faculty member	Title of programme	Institution where attended	Duration (dates)	1.Dr. Musharraf Husain	Training on laparoscopic Colorectal Surgery	<i>gem institute , course at Coimbatore</i>	<i>23rd -25th july2015</i>	2.Dr. Musharraf Husain	Training on <i>laparoscopic Colorectal Surgery</i>	EthiconInstitute of Surgical education , New Delhi	20 th march 2014	3. .Dr. Musharraf	<i>PACE colorectal</i>	<i>MEDANTA</i>	<i>16th -17th September 2013</i>
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	Husain	<i>programme</i>	<i>hospital</i> <i>Gurgaon</i>	
	4.Dr. Musharraf Husain	International minimal access surgery conference	<i>AIIMS, New delhi</i>	<i>15-17 march 2013</i>
	5.Dr. Musharraf Husain	Fellowship training in coloproctology	<i>BHU , varanasi</i>	<i>3-7april 2013</i>
	6.Dr. Musharraf Husain	ACRSICON	<i>KHAJURAHO, MP</i>	<i>20,21,22 SEPT 2013</i>
	7.Dr. Musharraf Husain	minimal access surgery conference	<i>AIIMS, New delhi</i>	<i>21,22,23 MARCH 2014</i>
	8.Dr. Musharraf Husain	LIVE WORKSHOP ON OPEN AND LAPROSCOPIC SURGERIES, UPASICON	<i>JNMC,AMU, ALIGARH</i>	<i>14-16 NOV 2014</i>
	9.Dr. Musharraf Husain	International Convention On Challenges In Medical Education	<i>MGMCM, AURANGABA D</i>	<i>9-11 JAN 2015</i>
	10.Dr. Musharraf Husain	WORKSHOP ON COMPASSIONATE CARE	<i>UCMS, DELHI</i>	<i>12-MAY 2015</i>
	11.Dr. Musharraf Husain	VATS	<i>EISE DELHI</i>	<i>25-02 -2012</i>
	12.Dr. Musharraf Husain	UPASICON	<i>HIMS, UTTARAKHA ND</i>	<i>23-25 NOV 2012</i>
	13.Dr. Musharraf Husain	ADVANCED LAPROSCOPIC TRAINING COURSE	<i>EISE. DELHI</i>	<i>22 OCT 2011</i>
28.	Student projects:	Nil		
29.	Awards /recognitions received at the national and international level by:			
	<ul style="list-style-type: none"> • Faculty : Nil • Postdoc: NA PhD: NA 			
30.	Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:			
	Title Seminars/Conferences/ Workshops	Dates	No. of participant	Outstanding participants (keynote speakers, eminent scientists/academicians who attended the programme)
	Workshops			
	Workshop on written Assessment Techniques	20 th Oct. 15	30	

	Workshop on How to construct a good MCQ	3 rd Nov.2015	24		
	Workshop on Teaching Methodology	30-07-2012	37	Dr. B V Adkali Dr. Satendra Singh	
31.	Code of ethics for research followed by the departments:	Yes, As per ICMR Guidelines			
32.	Student profile programme-wise:				
	Name of the Programme	Year	Application Received	Total No. of Student	Pass Percentage (%)
				Male	Female
	MBBS	2012	2997	36	64
		2013	4332	64	36
		2014	5698	51	49
		2015	8000	60	40
33.	Diversity of students:			NA	
	Name of the Programme Year % of students from other universities within the State % of students from universities outside the State % of student from other countries				
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	NA			
35.	Student progression:				
	Student progression			Percentage against enrolled	
	NA				
	Entrepreneurs			--	
36.	Diversity of staff:				
	Percentage of faculty who are graduates			%	
	of the same university			NIL	
	from other universities within the State			NIL	
	from universities from other States			100%	
	from universities outside the country			Nil	
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	NA			

38.	Present details of departmental infrastructural facilities with regard to	<ul style="list-style-type: none"> i. Library; Available ;Books :50 ii. Internet Facilities For Staff And Students; Available iii. Total No. Of Class Rooms; 4 iv. Class Rooms With ICT Facility; 4 v. Students Lab; 1 Skill Lab vi. Research Laboratories; Common With Central Lab Himsr 								
39.	List of doctoral, post-doctoral students and Research Associates:	Nil								
40.	Number of post graduate students getting financial assistance from the university.:	NA								
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	NA								
42.	Does the department obtain feedback from: STUDENTS FACULTY	<p>YES By medical education unit</p> <p>YES</p>								
43.	<p>List the distinguished alumni of the department (maximum 10):</p> <p>Distinguished Alumni: Nil</p> <table border="1" data-bbox="326 1224 1516 1266"> <thead> <tr> <th data-bbox="326 1224 699 1266">Name</th> <th data-bbox="699 1224 862 1266">Course</th> <th data-bbox="862 1224 992 1266">Batch</th> <th data-bbox="992 1224 1516 1266">Present position and affiliation</th> </tr> </thead> <tbody> <tr> <td colspan="4" data-bbox="326 1266 1516 1329" style="height: 30px;"> </td> </tr> </tbody> </table>		Name	Course	Batch	Present position and affiliation				
Name	Course	Batch	Present position and affiliation							
44.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	None								
45.	List the teaching methods adopted by the faculty for different programmes.:	<ul style="list-style-type: none"> • Chalk and Board. • Power Point Presentation • Audio-Visual aids (videos on subject related topics) • Group Discussion Method • Problem Based learning • Interactive Teaching • Online assistance to students • Students seminar and poster presentation 								

46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	<ul style="list-style-type: none"> • Regular Internal Assessment • Seminar And Poster Presentation • Assignments • Regular interaction with students to discuss and review. • Regular department meetings of faculty • Students Feedback reports
47.	Highlight the participation of students and faculty in extension activities.	<p>Poster presentation by the students at various national level conferences</p> <ol style="list-style-type: none"> 1.Paper Presentation at VAMSCON 2016 2.Poster Presentation NCHPE 2015, MAMC, NEW DELHI
48.	Give details of “beyond syllabus scholarly activities” of the department.	None
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details.:	Yes, accredited by NAAC And Graded By MCI
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied.:	Skill Lab Training (Session On Endo Trainer , Open And Endo Stuturing, and Identification Of Instruments).
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:	<p>Strengths</p> <ol style="list-style-type: none"> 1. Experienced and Dedicated Faculty. 2. Good Infrastructure 3. Advance Laparoscopic Surgery 4. Oncosurgery 5. Endoscopy (Diagnostic & Therapeutic) <p>Weaknesses</p> <ol style="list-style-type: none"> 1. Superspeciality still under development 2. Postgraduate courses yet to commence <p>Opportunities</p> <ol style="list-style-type: none"> 1. Collaboration With Other Departments In Research Activities 2. Collaboration With Other Faculties Especially Unani / Pharmacy/ Biotechnology 3. Personal And Professional Development 4. Provide High End And Affordable Surgical Care 5.Promote Preventive Health Care <p>Challenges</p> <ol style="list-style-type: none"> 1. Develop superspecialities 2. Faculty development .
52.	Future plans of the department.:	<ol style="list-style-type: none"> 1. To develop Deptt. Of surgery as centre of excellence 2. To start Post graduation in Surgery 3. Development of Super-specialties 4. Establishment of an advance laparoscopic training centre 5. Develop an integrated curriculum

SELF STUDY REPORT (SSR)
VOLUME – III
Kannur Campus

VOLUME - III – KANNUR CAMPUS

TABLE OF CONTENTS

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A	Executive Summary	224
B	Profile of the University – Kannur Campus	228
C	Evaluative Report of the Department(s)	240

A. EXECUTIVE SUMMARY

The Campus started functioning from the session 2013-14. The campus is located at 1.5 acre land at Kannur City, Kerala. The Land and the building where the Off-Campus is located is on a lease agreement with the Deenul Islam Sabha, Kannur. Overall management is looked after by the steering Committee which includes the nominees of all stakeholders.

CURRICULAR ASPECTS

Jamia Hamdard Kannur Campus offers four (=04) under graduate courses viz. BA English , BBA , BCA and B.Com. (with CA). Board of Studies for each Department has been in operation and meets regularly to discuss and finalize the academic matters related to the department. The curriculum is generally updated every two years.

1. B.A[English] was started in 2014-15 with an intake of 49 students. There are four faculty members in the Department of English.

2. B.B.A was started in 2013 with an intake of 28 students. in the department. Presently the department is running with the strength of 60 students per batch. Under this department, for the purpose of enhancing the skills and practical knowledge of students we started “Hamdard Centre for Beyond Curriculum” from 2016 onwards.

3. B.C.A was started in 2013 with an intake of 22 students. Now we have 4 contractual faculties in the department. The department is offering lab facility for all the students in the campus.

4. B.Com (with Computer Application) was started in 2013 with an intake of 60 students. Now we have 4 faculties(3 contractual faculties and 1 guest lecturer) in the department.

TEACHING - LEARNING AND EVALUATION

Among the 21 faculty members, 02 have M.Phil and 12 have cleared NET examination in their respective discipline.

The qualification of contractual teachers are:

<u>Name</u>	<u>Designation</u>	<u>Department</u>	<u>Qualification</u>	<u>Adtnl.Qlfn.if any</u>
1. Devapriya .E.D.	Asist. Prof.	Computer Science	Post Graduate	NET
2. Zeena Anuya V.M.K.	Lecturer	Computer Science	Post Graduate	NIL
3. Sameem .P.M.	Asist. Prof.	Commerce	Post Graduate	NET
4. Prajina .B.	Lecturer	Compuetr Science	Post Graduate	NIL
5. Jaya.D.Nair	Asist. Prof.	Management	Post Graduate	NET
6. Shijith .V.	Asist. Prof.	Management	Post Graduate	NET
7. Zulfiya Sathar.T.M.	Asist. Prof.	English	Post Graduate	NET
8. Aswathi.P.	Asist. Prof.	English	Post Graduate	NET
9. Reena .K.P.	Asist. Prof.	Computer Science	Post Graduate	NET
10. Faisal .C.	Asist. Prof.	Commerce	Post Graduate	NET, M.Phil
11. Nafeesathul Misriya.M.P.	Asist. Prof.	Commerce	Post Graduate	NET, M.Phil
12. Noushad .K.P.	Asist. Prof.	Management	Post Graduate	NET

The method of delivery of curriculum is classroom interaction, seminars , and assignment.

RESEARCH, CONSULTANCY AND EXTENSION

Kannur Campus offer only undergraduate courses. There is no research programme at present.

INFRASTRUCTURE AND LEARNING RESOURCES

The campus area is 1.5 acre. There are 12 classrooms , 01 Computer Lab , 01 Library , 01 Auditorium , 01 Language Lab, 02 Staff rooms and a canteen beside the Office of the Director. There is a playground in the front side of the building.

STUDENT SUPPORT AND PROGRESSION

Students are provided with library facilities and hand on training in computer operation. Students are divided in small groups and tutorial groups are formed and assigned to different teachers who not acts as tutors but also as mentors. Their academic and personal difficulties are adressed by tutor cum mentor. There is a student greaviance reddrasal cell

now the cell has been addressing the grievances of students to their satisfaction. There are debate competition or journal and students are given opportunities to participate in cultural programmes, They are divided into “Houses” and complete through there perspective houses. As regards their academic progress their respective tutors do help them to understand their shortcomings and how to address them.

GOVERNANCE, LEADERSHIP AND MANAGEMENT

The over all governance system of the Kannur campus is through “ Sterling Committee”, which inserts of the Director of the campus and members nominated by the Jamia Hamdard and its mentor body Deenul Islam Sabha. The finances and administrators is governed by the respective bodies of the Jamia Hamdard while the academic matter relating to departments by respective BOS. There are faculty development programme organized by the kannur Campus. The teachers are also given special casual leave for attending seminars and conferences. Moreover, the CAS is also applicable to faculties of the campus but being in infancy, the senior most teachers have put in a maximum three four years of service. A sub-Committee of IQAC, Jamia Hamdard is also functional and takes care of record maintenance and academic development in the institution.

INNOVATIONS AND BEST PRACTICES

Teaching activities started in 2013. Various practices are being standardized and it is hoped innovations will be in place in times to come.

Short-Term and Long-Term Development Plans

Short Term

1. Start additional UG and PG courses including some job-oriented courses with dued approval of statutory councils.
2. Library to be made and to be equipped with computers for e- learning creat high positions in academics.
3. Develop smart Classrooms.

Long Term

1. Shift to a bigger campus and develop infrastructure.
2. Increase enrolment of students.
3. Develop a liaison with companies and help graduates to acquire the prescribed jobs skills in various areas.

Strength, Weakness, Opportunities, and Challenges (SWOC)

Strength

1. Young and Qualified Teaching staff.
2. Locational advantage.
3. Employability of courses – BBA, BCA.
4. Large number of girl students seeking educational and skill enhancement in the area.
5. Patronage of Jamia Hamdard.

Weakness

1. Senior faculty is yet to be appointed. Efforts are on.
2. Infrastructure is to be strengthened.
3. More exposure to students required
4. Need to participate in competitive sports and game
5. Placement cell need to be more effective.
6. Hostel facility to be created to cater students from outside of Kannur.

Opportunities

1. Jamia Hamdard Kannur campus is a centre for minority group, especially girls which makes education accessible to minorities as well as for girls.
2. It is in the heart of the city and therefore easily accessible.

Challenges

1. Uplift the standards of culturally backward students.
2. Optimum utilization of the campus by staggering the classes.
3. Commence professional and semi- professional courses.
4. Take cognizance of the Swayam Portal and introduce the CBCS system.

B. PROFILE OF THE UNIVERSITY – KANNUR CAMPUS

1. Name and Address of the Institution

Delhi Campus

Name	Jamia Hamdard (Hamdard University)				
Address	Hamdard Nagar New Delhi				
City	New Delhi	PIN	110062	State	Delhi
Web site	http://jamiahamdard.edu/				

Kannur Campus

Name	Jamia Hamdard Kannur Campus				
Address	DIS Building , PO Kannur City				
City	Kannur	PIN	670003	State	Kerala
Web site	http://jamiahamdard.edu/				

2. For Communication

Designation	Name	Communication detail	
Vice Chancellor	Prof. (Dr.) Sayed Ehtesham Hasnain	Tel. (office)	011 – 26059662
		Tel. (res.)	011- 26581377
		Mobile Tel No.	08826377466
		E-mail address	vc@jamiahamdard.ac.in
Registrar	Prof. Ehsan A. Khan	Tel. (office)	011 – 26059664
		Tel. (res.)	011 – 26059665
		Mobile Tel No.	91-9810311707
		E-mail address	eakhan@jamiahamdard.ac.in

Steering Committee/IQAC Director	Prof. S. Raisuddin, Director, IQAC	Tel. (office)	011 – 26059688 Ext. 5478
		Tel. (res.)	011 – 26055103
		Mobile Tel No.	09810370351
		E-mail address	sraisuddin@jamiahamdard.ac.in

3. Status of the University

Deemed to be University Under Section 3 of UGC Act 1956.

4. Type of University

Unitary

5. Source of Funding

Government-aid and Self-financing

6. a. Date of Establishment of the University :(dd/mm/yyyy)

10/05/1989

b. Prior to the Establishment of the University, it was a/an

i.	PG Centre	Yes		No	√
ii.	Affiliated College	Yes	√	No	
iii.	Constituent College	Yes		No	√
iv.	Autonomous College	Yes		No	√
v.	Any other (Autonomous Research Centres)	Yes	√	No	

Yes, the details of the establishment of the affiliated colleges are:

The following Colleges were affiliated to Delhi University prior to their amalgamation with Jamia Hamdard.

a. Hamdard Tibbi College – Established in 1965

b. Hamdard College of Pharmacy – Established in 1973

7. Date of recognition as a University by UGC or any Other National Agency

Agency	Recognition	Date
University Grants	• Deemed to be University	a. Declared as Deemed-to-

<p>Commission (UGC), Ministry of Human Resource Development</p>	<p>under Section 3 of UGC Act 1956</p> <ul style="list-style-type: none"> • Approval for Off-campus at Kannur, Kerala. 	<p>be University under Section 3 of the UGC Act, 1956 vide Notification No. F. 9-18 /85-U. 3 dated 10.5.1989 of the Government of India (Copy of notification enclosed as <u>Annexure – I in main SSR</u>).</p> <p>b. Approval of Off-campus by the Ministry of Human Resource Development (Department of Education) vide F. 10-3/2013-U.3(A) dated 18.10.2013 (Copy of notification enclosed as <u>Annexure – II in main SSR</u>)</p>
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8. Has the University been Recognized?

a. By UGC as a University with Potential for Excellence?

Yes No

If yes, date of recognition:.....(dd/mm/yyyy)

b. For its performance by any other governmental agency?

Yes No

If yes, name of the agency and date of recognition: (dd/mm/yyyy)

Jamia Hamdard has been selected for DST-PURSE (Promotion of University Research
in Science and Engineering) on 23/08/2016.

9. Does the University have Off-campus Centres?

Yes No

If yes, date of establishment: (dd/mm/yyyy) date of recognition: (dd/mm/yyyy)

- An off-campus is located at Kannur (Kerala).

- Date of establishment: 18/10/2013.
- Date of recognition by MHRD: 18/10/2013.

10. Does the University Have Off-shore Campuses?

Yes No

If yes, date of establishment:..... (dd/mm/yyyy)

Date of recognition:.....(dd/mm/yyyy)

11. Location of the Campus and Area

Campus	Location	Campus area in acres	Built up area in sq. mts.
New Delhi Campus	Hamdard Nagar, New Delhi (South)	91.6	1,27,534.94
Off-campus at Kannur (Kerala)	Kannur City Kannur (Kerala)	1.5	3000 (approx.)

12. Provide Information on the Following

(in case of multi-campus University please provide campus-wise information)

	Facility	Yes/No	Detail
i.	Auditorium/seminar complex with infrastructural facilities		Auditorium – YES Seminar Hall - NO
ii.	Sports facilities		
	a. Playground		Basketball court – NO Volleyball court - NO Badminton court - NO TT table – NO Football ground - YES
	b. Swimming pool		NO
	c. Gymnasium		NO
	d. Any other		NIL
iii.	Hostels		
	a. Boys hostel		No. of hostels: NIL No. of inmates: NA

	b. Girls hostel		No. of hostels: NIL No. of inmates: NA
	c. Scholars hostel		NIL
	d. Working women's hostel		NIL
	e. Guest house		Double bed room – NIL Single bed room – YES Dining hall - NO
iv.	Residential facilities for faculty and non-teaching staff		Quarters for teachers – NO Quarters for non-teaching staff - NO
v.	Healthcare facilities : NIL		
	a. Outpatient		
	b. In-patient		
	c. Ambulance		
	d. Emergency		
	e. Physiotherapy centre		
vi.	Facilities like Bank, ATM, Post Office, Book Shop etc.		Banks – NO ATM - NO Post Office - NO
vii.	Transport facilities to cater to the needs of the students and staff		Students & Staff use own vehicles
viii	Facilities for persons with disabilities		
ix.	Animal house		NO
x.	Incinerator for laboratories		NO
xi.	Powerhouse		NO
xii.	Generator sets		NO
xiii	Waste management		NO
xiv	Wi-fi connectivity		YES, only for staff

13. Number of Institutions Affiliated to the University

None

Type of college	Total	Permanent	Temporary
NA	NA	NA	NA

14. Does the University Act Provide for Conferment of Autonomy (as recognized by the UGC) to its Affiliated Institutions? If Yes, Give the Number of Autonomous Colleges under the Jurisdiction of the University.

Yes No Number

Not applicable in case of Deemed University.

15. Furnish the Following Information:

	Particulars	Number	No. of students
a.	University Departments		
	• Undergraduate	04	491
	• Post-graduate	NA	NA
	• Research Centre on the campus	NA	NA
b.	Constituent colleges		
c.	Affiliated colleges		
d.	Colleges under 2(f)		
e.	Colleges under 2(f) and 12B		
f.	NAAC accredited colleges		
g.	Colleges with Potential for Excellence (UGC)		
h.	Autonomous colleges		
i.	Colleges with Postgraduate Departments		
j.	Colleges with Research Departments		
k.	University recognized Research Institutes/Centres		

16. Does the University Conform to the Specification of Degrees as Enlisted by the UGC?

Yes No

17. Academic Programmes Offered by the University Departments at Present under the Following Categories: (Enclose the list of academic programmes offered).

Programmes	Number
UG	4 – BCA, BBA, B.Com. BA (English)
PG	Nil
Integrated Masters	Nil
M.Phil.	Nil
Ph.D.	Nil
Integrated Ph.D.	Nil
Certificate	Nil
Diploma	Nil
PG Diploma	Nil
Any other (please specify)	Nil

18. Number of Working Days During the Last Academic Year i.e. 2016-17

239

19. Number of Teaching Days During the Past Five Academic Years

(‘Teaching days’ means days on which classes were engaged. Examination days are not to be included)

2011-12	2012-13	2013-14	2014-15	2015-16
NA	NA	*142	181	185

* The Jamia Hamdard Kannur Centre was established on 18/10/2013. Accordingly the academic session began in last week of October 2013.

20. Does the University have a Department of Teacher Education?

Yes No

If yes,

a. Year of establishment.....(dd/mm/yyyy)

b. NCTE recognition details (if applicable) Notification

No.:Date:(dd/mm/yyyy)

c. Is the department opting for assessment and accreditation separately?

Yes No

21. Does the University have a Teaching Department of Physical Education?

Yes No

If yes,

a. Year of establishment.....(dd/mm/yyyy)

b. NCTE recognition details (if applicable)

Notification No.:.....Date:.....(dd/mm/yyyy)

c. Is the department opting for assessment and accreditation separately?

Yes No

22. In the case of Private and Deemed Universities, please Indicate whether Professional Programmes are being Offered?

Yes No

If yes, please enclose approval/recognition details issued by the statutory bodies governing the programme.

No programme at Kannur Campus comes under the purview of any statutory body.

23. Has the University been Reviewed by any Regulatory Authority? If so, Furnish a Copy of the Report and Action Taken thereupon.

Yes. (Annexure – V in the main SSR document. Kannur campus was not in existence during the last visit of UGC)

24. Number of Positions in the University (as on December 31, 2015)

Positions	Teaching staff				Non-teaching staff	Technical staff
	Professor	Associate Professor	Assistant Professor	Others		
Sanctioned					Group A –	Library

by the UGC/ University/ State Government					Group B- Group C-	staff Group A- Group B- Group C-
Number of persons working on contract basis	NIL	NIL	10	2 (lectures)	04	NIL

25. Qualifications of the Teaching Staff

Highest Qualification	Professor		Associate Professor		Assistant Professor/ Lecturer/ Tutor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt./M.Ch.	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Ph.D.	NIL	NIL	NIL	NIL	NIL	NIL	NIL
M.Phil.	NIL	NIL	NIL	NIL	NIL	NIL	NIL
PG	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Contractual teachers							
Ph.D.	NIL	NIL	NIL	NIL	NIL	NIL	0
M.Phil.	NIL	NIL	NIL	NIL	01	01	02
PG	NIL	NIL	NIL	NIL	03	07	10
Additional Qualification [NET holders]	NIL	NIL	NIL	NIL	04	06	10
Guest Faculty (on hourly mode)							
Ph.D.	NIL	NIL	NIL	NIL	NIL	01	01
M.Phil.	NIL	NIL	NIL	NIL	NIL	NIL	0

PG	NIL	NIL	NIL	NIL	03	05	08
Additional Qualification [NET holders]	NIL	NIL	NIL	NIL	0	02	02
Faculty	% of faculty from the same university	% of faculty from other universities within the State	% of faculty from universities outside the State	% of faculty from other countries			
Professor	NIL	NIL	NIL	NIL			
Associate Professor	NIL	NIL	NIL	NIL			
Assistant Professors	NIL	100	NIL	NIL			

26. Emeritus, Adjunct and Visiting Professors

	Emeritus Professor	Adjunct Professor	Visiting Professor
Number	NIL	NIL	NIL

27. Chairs Instituted by the University

	Chairs
School/Department	Nil

28. Students Enrolled in the University Departments During the Current academic year (2016-17) with the Following Details

Programme	Strength in current academic year	Average of last four years	Percent change
PG Courses	NA	NA	NA
UG Courses	491	NA	NA
Diploma Courses	NA	NA	NA

29. ‘Unitcost’ of Education (in lakhs of Rupees) – Kannur Capus

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

- a. Including the salary component: Rs. 15,663/student
- b. Excluding the salary component: Rs. 6,857/ student

30. Academic Staff College

Yes No

31. Does the University Offer Distance Education Programmes (DEP)?

Yes No

If yes, indicate the number of programmes offered: 10 (UG -2; PG -8)

Are they recognized by the Distance Education Council? Yes. Offered through main campus.

32. Does the University have a Provision for External Registration of Students?

Yes No

If yes, how many students avail of this provision annually?

33. Is the University Applying for Accreditation or Re-Assessment? If Accreditation, Name the Cycle

Cycle 1 Cycle 2 Cycle 3 Cycle 4 Re-assessment

34. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and Reassessment Only)

Accreditation cycle	Date of accreditation	Grade/CGPA
Cycle 1	2003	A
Cycle 2	2011	A/3.08

35. Does the University Provide the list of Accredited Institutions under its Jurisdiction on its Website? Provide details of the Number of Accredited Affiliated/Constituent/Autonomous Colleges under the University.

Not Applicable

36. Date of Establishment of Internal Quality Assurance Cell (IQAC) and Dates of Submission of Annual Quality Assurance Reports (AQAR)

Date of establishment of IQAC: 07/12/2011.

Date of submission of AQAR: University has submitted 5 AQAR as per the following detail to NAAC on 14/09/2016 and the same have been uploaded on the University web site.

- a. 2010-11
- b. 2011-12
- c. 2012-13
- d. 2013-14
- e. 2014-15

Acknowledgement has been received from the NAAC. (**Annexure – VI with main SSR**). All the five AQARs have been uploaded on the University web site at <http://jamiahamdard.edu/aqar/>.

37. Any other Relevant Data the University would like to Include (not exceeding one page).

Only one batch has passed out. Kannur campus is making its mark and Jamia Hamdard is eager to strengthen all the activities at the Campus.

C. EVALUATIVE REPORT OF THE DEPARTMENT

[Information to be provided for period January 2011 to December 2016]

[In case of Kannur Campus from the Date of inception to first batch to December 2016]

1.	Name of the Department:	English			
2.	Year of establishment:	2014			
3.	Is the Department part of a School/Faculty of the university?	Yes , Hamdard University, New Delhi			
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	III. UG ; BA English			
5.	Interdisciplinary programmes and departments involved:	(i) Environmental Science (ii) Additional Language (Arabic , Hindi , Malayalam)			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:				
7.	Details of programmes discontinued, if any, with reasons:				
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Semester System. Choice Based Credit System (w.e.f. Admn. 2015)			
9.	Participation of the department in the courses offered by other departments:	Generic Electives with B.Com (with CA) , BBA & BCA			
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)
		Professor			
		Associate Professors			
		Assistant Professors			
		Others	03	02	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:				

	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Aswathi .P.	MA , NET	Lecturer & HoD	Literature	3	
	Zulfiya Sathar.T.M.	MA , NET	Lecturer	Literature	7	
	Saneesh .T.	MA	Guest Lecturer	Literature	2	
	Priyesh .T.	MA	Guest Lecturer	Literature	2.5	
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:					
13.	Percentage of classes taken by temporary faculty – programme-wise information:		50%			
14.	Programme-wise Student Teacher Ratio:		20:1			
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		Designation	Sanctioned	Filled/actual	
			Administrative Staff	04	04	
16.	Research thrust areas as recognized by major funding agencies:					
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:					
	Name of the faculty	Title of the Ongoing project		National/International funding agencies/Tenure	Grant received	
18.	Inter-institutional collaborative projects and associated grants received:					
19.	Departmental projects		Funding	Project title, if any	Grant	

	funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	agency		received
20.	Research facility/centre with:			
21.	Special research laboratories sponsored by/created by industry or corporate bodies:			
22.	Publications: (last 5 years):			
Publications in Journals, Books, Book chapters may be listed with full citation detail (name of authors, title, name of journal/publishers, volume, page number, year)				
Citation and <i>h</i>-index: (Scopus Data)				
Name of the Faculty		Citations	<i>h</i>-index	
Citation and <i>h</i>-index: (Google Scholar Data)				
Name of the Faculty		Citations	<i>h</i>-index	
S. No.	Journal Name	Source Normalized Impact Factor (SNIP)	SCImago Journal Rank (SJR)	Impact Factor
23.	Details of patents and income generated:			
24.	Areas of consultancy and income generated:			

25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:					
26.	Faculty serving in: (Ixix) National committees: (Ixx) International committees: (Ixxi) Editorial Boards of journals					
		Name of teacher	Role	Name of journal		
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):					
28.	Student projects:					
29.	Awards /recognitions received at the national and international level by:					
		Designation	Name of Award	Recipient		
30.	Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:					
		Serial No.	Title Seminars/ Conferences/ Workshops	Dates	No. of Participants	Outstanding participants (keynote, speakers, eminent scientist/academicians)
		Conferences				
		Workshops				
31.	Code of ethics for research followed by the departments:					
32.	Student profile programme-wise:					
		Name of the Programme	Year	Application Received	Total No. of Student	Pass Percentage (%)
					Male	Female
						(%)

	BA English	2016-2017	60	06	27																																				
Total																																									
33. Diversity of students:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Name of the Programme</th> <th style="width: 15%;">Year</th> <th style="width: 20%;">% of students from other universities within the State</th> <th style="width: 20%;">% of students from universities outside the State</th> <th style="width: 20%;">% of student from other countries</th> </tr> </thead> <tbody> <tr> <td></td> <td>2009-2011</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>2010-2012</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>2011-2013</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>2012-2014</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>2013-2015</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>2014-2016</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries		2009-2011					2010-2012					2011-2013					2012-2014					2013-2015					2014-2016			
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	2013-2015																																								
	2014-2016																																								
34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	NIL																																								
35. Student progression:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Student Progression</th> <th style="width: 50%;">Percentage against enrolled</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>						Student Progression	Percentage against enrolled																																	
Student Progression	Percentage against enrolled																																								
36. Diversity of staff:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Percentage of faculty who are undergraduates</th> <th style="width: 33%;">Percentage of faculty who are post graduates</th> <th style="width: 33%;">Percentage of faculty who have Ph.D.</th> </tr> </thead> <tbody> <tr> <td> </td> <td>100%</td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>						Percentage of faculty who are undergraduates	Percentage of faculty who are post graduates	Percentage of faculty who have Ph.D.		100%																														
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	100%																																								
37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:																																									
38. Present details of departmental infrastructural facilities with regard to	<p>g) Library : YES</p> <p>h) Internet facilities for staff and students: For staff, YES.</p> <p>i) Total number of class rooms : 03</p>																																								

		j) Class rooms with ICT facility : NIL k) Students' laboratories : NIL l) Research laboratories : NIL																
39.	List of doctoral, post-doctoral students and Research Associates:	<table border="1"> <thead> <tr> <th>Ph.D. Scholars</th> <th>Supervisor</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Ph.D. Scholars	Supervisor														
Ph.D. Scholars	Supervisor																	
40.	Number of post graduate students getting financial assistance from the university:	Nil																
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	Yes. As per the UGC norms and BoS meetings held.																
42.	Does the department obtain feedback from:	Yes , students feedbacks are collected .																
43.	List the distinguished alumni of the department (maximum 10):	Nil																
44.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	Lectures on contemporary topics and group discussions organized, regularly																
45.	List the teaching methods adopted by the faculty for different programmes:	Lecturing , Power Point Presentations , Research oriented teaching and Notes dictating.																
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	Continuous Assessment for each paper . Internal Examinations , permitting students to attend workshops and seminars.																
47.	Highlight the participation of students and faculty in extension activities:	Participation in competitions and sports activities.																

48.	Give details of “beyond syllabus scholarly activities” of the department:	We have a session called “Beyond Curriculum” – a personality development program which started in 2016.
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details:	N/A
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied:	Publications of Faculties.
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:	<p>Strengths: Qualified Faculties, High ranked University, Updated syllabus</p> <p>Weaknesses: Infrastructural difficulties, Inadaquate teaching aids, Library , Lack of permanent staff.</p> <p>Opportunities : starting PG courses, coaching for competitive exams, overall development of minority students</p> <p>Challenges: Low application base, non availability of permanent staff, limited library failities and technology application.</p>
52.	Future plans of the department:	Add –on courses, PG courses, Improving teaching methodology , Implementing ICT.

C. EVALUATIVE REPORT OF THE DEPARTMENT

[Information to be provided for period January 2011 to December 2016]

[In case of Kannur Campus from the Date of inception to first batch to December 2016]

1.	Name of the Department:	COMMERCE		
2.	Year of establishment:	2013		
3.	Is the Department part of a School/Faculty of the university?	Yes , Hamdard University, New Delhi		
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	IV. UG ; B.Com (with Computer Application)		
5.	Interdisciplinary programmes and departments involved:	(iii) English (iv) Environmental Science (v) Additional Language (Arabic , Hindi , Malayalam) (vi) Computer Science		
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	None		
7.	Details of programmes discontinued, if any, with reasons:	None		
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Semester System. Choice Based Credit System (w.e.f. Admn. 2015)		
9.	Participation of the department in the courses offered by other departments:	Generic Electives with BA English , BBA & BCA		
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):			
		Sanctioned	Filled	Actual (including CAS & MPS)
	Professor			
	Associate Professors			
	Assistant Professors			
	Others	03	03	

11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:					
	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Sameem .P.M.	M.Com , NET	Lecturer & HoD	Finance	4	
	Faisal .C.	M.Com, M.Phil, NET	Lecturer	Finance	6	
	Nafeesathul Misriya .M.P.	M.Com, M.Phil , NET, JRF.	Guest Lecturer	Finance	2.5	
	Nimna .P.P.	M.Com , B.Ed	Guest Lecturer	Finance	5	
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		NIL			
13.	Percentage of classes taken by temporary faculty – programme-wise information:		25%			
14.	Programme-wise Student Teacher Ratio:		53:1			
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		Designation	Sanctioned	Filled/actual	
			Administrative Staff	04	04	
16.	Research thrust areas as recognized by major funding agencies:		N/A			
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:					
	Name of the faculty	Title of the Ongoing project		National/International funding agencies/Tenure	Grant received	
		None				

18.	Inter-institutional collaborative projects and associated grants received:			
19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	Funding agency	Project title, if any	Grant received
		None		
20.	Research facility/centre with:	Yet to begin		
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	None		
22.	Publications: (last 5 years):	Not yet compiled		
Publications in Journals, Books, Book chapters may be listed with full citation detail (name of authors, title, name of journal/publishers, volume, page number, year)				
Citation and <i>h</i>-index: (Scopus Data)				
Name of the Faculty		Citations	<i>h</i>-index	
Citation and <i>h</i>-index: (Google Scholar Data)				
Name of the Faculty		Citations	<i>h</i>-index	
S. No.	Journal Name	Source Normalized Impact Factor (SNIP)	SCImago Journal Rank (SJR)	Impact Factor

23.	Details of patents and income generated:	None		
24.	Areas of consultancy and income generated:	None		
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	None		
26.	Faculty serving in:			
	(lxxii) National committees: (lxxiii) International committees: (lxxiv) Editorial Boards of journals			
	Name of teacher	Role	Name of journal	
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):			
28.	Student projects:			
29.	Awards /recognitions received at the national and international level by:			
	Designation	Name of Award	Recipient	
30.	Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:			
	Serial No.	Title Seminars/ Conferences/ Workshops	Dates	No. of Participants
				Outstanding participants (keynote, speakers, eminent scientist/academicians)
	Conferences			
		None		
	Workshops			
		None		
31.	Code of ethics for research followed by the departments:			

32.	Student profile programme-wise:						
	Name of the Programme	Year	Application Received	Total No. of Student		Pass Percentage (%)	
				Male	Female		
	B.Com (with Computer Application)	2016-2017	190	48	12		
Total							
33.	Diversity of students:						
	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries		
	•	2009-2011					
		2010-2012					
		2011-2013					
		2012-2014					
		2013-2015					
•	2014-2016						
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	NIL					
35.	Student progression:	Student Progression		Percentage against enrolled			
36.	Diversity of staff:	Percentage of faculty who are undergraduates		Percentage of faculty who are post graduates		Percentage of faculty who have Ph.D.	
				100%			
37.	Number of faculty who						

	were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	None															
38.	Present details of departmental infrastructural facilities with regard to	m) Library : YES n) Internet facilities for staff and students: For staffs, YES. o) Total number of class rooms : 03 p) Class rooms with ICT facility : NIL q) Students' laboratories : YES r) Research laboratories : NIL															
39.	List of doctoral, post-doctoral students and Research Associates:	<table border="1"> <thead> <tr> <th>Ph.D. Scholars</th> <th>Supervisor</th> </tr> </thead> <tbody> <tr> <td>N/A</td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>		Ph.D. Scholars	Supervisor	N/A											
Ph.D. Scholars	Supervisor																
N/A																	
40.	Number of post graduate students getting financial assistance from the university:	N/A															
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	Yes. As per the UGC norms and BoS meetings held.															
42.	Does the department obtain feedback from:	Yes, student's feedbacks are collected.															
43.	List the distinguished alumni of the department (maximum 10):	N/A															
44.	Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.:	Lectures on contemporary topics and group discussions organized, regularly															
45.	List the teaching methods adopted by the faculty for different programmes:	Lecturing, Power Point Presentations, Research oriented teaching and Notes dictating.															
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are	Continuous Assessment for each paper. Internal Examinations, permitting students to attend workshops and seminars.															

	monitored?:	
47.	Highlight the participation of students and faculty in extension activities:	Participation in fests , competitions and sports activities.
48.	Give details of “beyond syllabus scholarly activities” of the department:	“Beyond Curriculum” – a personality development programmes.
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details:	N/A
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied:	Improving knowledge base and professional skills of students
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:	<p>Strengths: Qualified Faculties, High ranked University, Updated syllabus</p> <p>Weaknesses: Infrastructural difficulties, Inadaquate teaching aids, Library, Lack of permanent staff.</p> <p>Opportunities : starting PG courses, coaching for competetive exams, overall development of minority students</p> <p>Challenges: Low application base, non availability of permanent staff, limited library failities and technology application</p>
52.	Future plans of the department:	Add –on courses, PG courses, Improving teaching methodology , Implementing ICT.

C. EVALUATIVE REPORT OF THE DEPARTMENT

[Information to be provided for period January 2011 to December 2016]

[In case of Kannur Campus from the Date of inception to first batch to December 2016]

1.	Name of the Department:	COMPUTER SCIENCE			
2.	Year of establishment:	2013			
3.	Is the Department part of a School/Faculty of the university?	Yes , Hamdard University, New Delhi			
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	V. UG ; BCA			
5.	Interdisciplinary programmes and departments involved:	(i) Mathematics (ii) Additional Language (Arabic , Hindi , Malayalam) (iii) Environmental Science			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	None			
7.	Details of programmes discontinued, if any, with reasons:	None			
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Semester System. Choice Based Credit System (w.e.f. Admn. 2015)			
9.	Participation of the department in the courses offered by other departments:	Generic Electives with BA English ,BBA & B.Com (with CA)			
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)
		Professor			
		Associate Professors			
		Assistant Professors			
	Others	04	04		
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:				

	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Devapriya .E.D	M.Sc. , NET	Lecturer & HoD	Computer Science	10	
	Zeena Anuya V.M.K.	MCA	Lecturer	Computer Science	10	
	Prajina .B.	MCA	Lecturer	Computer Science	2	
	Reena .K.P.	M.Sc , NET	Lecturer	Computer Science	6	
	Eleyamma Joseph	M.Sc	Guest Lecturer	Mathematics	25	
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		NIL			
13.	Percentage of classes taken by temporary faculty – programme-wise information:		36% (Mathematics)			
14.	Programme-wise Student Teacher Ratio:		26:1			
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		Designation	Sanctioned	Filled/actual	
			Administrative Staff	04	04	
16.	Research thrust areas as recognized by major funding agencies:		Yet to begin			
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:					
	Name of the faculty	Title of the Ongoing project		National/International funding agencies/Tenure	Grant received	
18.	Inter-institutional collaborative projects and associated grants received:		None			

19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	Funding agency	Project title, if any	Grant received
20.	Research facility/centre with:	None		
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	None		
22.	Publications: (last 5 years):	Yet to be compiled		
Publications in Journals, Books, Book chapters may be listed with full citation detail (name of authors, title, name of journal/publishers, volume, page number, year)				
Citation and <i>h</i>-index: (Scopus Data)				
Name of the Faculty		Citations	<i>h</i>-index	
Citation and <i>h</i>-index: (Google Scholar Data)				
Name of the Faculty		Citations	<i>h</i>-index	
S. No.	Journal Name	Source Normalized Impact Factor (SNIP)	SCImago Journal Rank (SJR)	Impact Factor
23.	Details of patents and income generated:	None		
24.	Areas of consultancy and income generated:	None		

25.	Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:	None			
26.	Faculty serving in:				
	(lxxv) National committees: (lxxvi) International committees: (lxxvii) Editorial Boards of journals				
	Name of teacher	Role	Name of journal		
	None				
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):				
28.	Student projects:				
29.	Awards /recognitions received at the national and international level by:	None			
	Designation	Name of Award		Recipient	
30.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:				
	Serial No.	Title Seminars/ Conferences/ Workshops	Dates	No. of Participants	Outstanding participants (keynote, speakers, eminent scientist/academicians)
	Conferences				
	None				
	Workshops				

31.	Code of ethics for research followed by the departments:	N/A								
32.	Student profile programme-wise:									
Name of the Programme		Year	Application Received	Total No. of Student		Pass Percentage (%)				
				Male	Female					
BCA		2016-2017	50	21	13					
Total										
33.	Diversity of students:									
Name of the Programme		Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries					
							2009-2011			
							2010-2012			
							2011-2013			
							2012-2014			
							2013-2015			
							2014-2016			
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:	NIL								
35.	Student progression:	Student Progression		Percentage against enrolled						
36.	Diversity of staff:	Percentage of faculty who are undergraduates	Percentage of faculty who are postgraduates	Percentage of faculty who have Ph.D.						
				100%						
37.	Number of faculty who									

	were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:	N/A																	
38.	Present details of departmental infrastructural facilities with regard to	s) Library : YES t) Internet facilities for staff and students: For staffs, YES. u) Total number of class rooms : 03 v) Class rooms with ICT facility : NIL w) Students' laboratories : YES x) Research laboratories : NIL																	
39.	List of doctoral, post-doctoral students and Research Associates:	<table border="1"> <thead> <tr> <th style="text-align: center;">NONE Ph.D. Scholars</th> <th style="text-align: center;">Supervisor</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>		NONE Ph.D. Scholars	Supervisor														
NONE Ph.D. Scholars	Supervisor																		
40.	Number of post graduate students getting financial assistance from the university:	N/A																	
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	Yes. As per the UGC norms and BoS meetings held.																	
42.	Does the department obtain feedback from:	Yes, student's feedbacks are collected.																	
43.	List the distinguished alumni of the department (maximum 10):	N/A																	
44.	Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.:	Periodical seminars and presentations organized																	
45.	List the teaching methods adopted by the faculty for different programmes:	Lecturing , Power Point Presentations , Note dictations , & Research oriented teaching.																	
46.	How does the department	Continuous Assessment for each paper. Sessional																	

	ensure that programme objectives are constantly met and learning outcomes are monitored?:	Examinations, permitting students to attend workshops and seminars.
47.	Highlight the participation of students and faculty in extension activities:	Participation in IT fests , Management fests
48.	Give details of “beyond syllabus scholarly activities” of the department:	Personality Development Programmes.
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details:	N/A
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied:	Publications of Faculties.
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:	<p>Strengths: Qualified Faculties, High ranked University, Updated syllabus, Following latest system of academics.</p> <p>Weaknesses: Insufficient Infrastructure, Teaching aids , Library.</p> <p>Opportunities : PG courses, overall development of weaker section of society</p> <p>Challenges: Low application base, non availability of permanent staff, limited library facilities and technology application.</p>
52.	Future plans of the department:	Add –on courses, PG courses, Improving teaching methodology, Implementing ICT.

C. EVALUATIVE REPORT OF THE DEPARTMENT

[Information to be provided for period January 2011 to December 2016]

[In case of Kannur Campus from the Date of inception to first batch to December 2016]

1.	Name of the Department:	MANAGEMENT			
2.	Year of establishment:	2013			
3.	Is the Department part of a School/Faculty of the university?	Yes , Hamdard University, New Delhi			
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):	VI. UG ; BBA			
5.	Interdisciplinary programmes and departments involved:	(i) English (ii) Additional Language (Arabic , Hindi , Malayalam) (iii) Environmental Science			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.:	None			
7.	Details of programmes discontinued, if any, with reasons:	None			
8.	Examination System: Annual/Semester/Trimester/Choice Based Credit System:	Semester System. Choice Based Credit System (w.e.f. Admn. 2015)			
9.	Participation of the department in the courses offered by other departments:	Generic Electives with BA English , BCA & B.Com (with CA) .			
10.	Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Assistant Professors/others):		Sanctioned	Filled	Actual (including CAS & MPS)
		Professor			
		Associate Professors			
		Assistant Professors			
		Others	03	03	
11.	Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:				

	Name	Qualification	Designation	Specialization	No. of Years of Experience	No of Ph.D. Students Guided for the last 5 years
	Jaya.D.Nair	MBA , NET	Lecturer & HoD	Marketing, HRM	10	
	Shijith .V.	MBA , NET	Lecturer	Marketing Finance	7	
	Noushad .K.P.	MBA , NET	Lecturer	Marketing , Finance	5	
	Aysha Mili	MBA , NET	Guest Lecturer	Marketing , Finance	2	
12.	List of senior Visiting Fellows, adjunct faculty, emeritus professors:		None			
13.	Percentage of classes taken by temporary faculty – programme-wise information:		25%			
14.	Programme-wise Student Teacher Ratio:		40:1			
15.	Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:		Designation	Sanctioned	Filled/actual	
			Administrative Staff	04	04	
16.	Research thrust areas as recognized by major funding agencies:		Yet to begin			
17.	Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:					
	Name of the faculty	Title of the Ongoing project		National/International funding agencies/Tenure	Grant received	
18.	Inter-institutional collaborative projects and associated grants received:		None			

19.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. (last 5 years):	Funding agency	Project title, if any	Grant received
		None		
20.	Research facility/centre with:	Yet to begin		
21.	Special research laboratories sponsored by/created by industry or corporate bodies:	None		
22.	Publications: (last 5 years):	Yet to be compiled		
Publications in Journals, Books, Book chapters may be listed with full citation detail (name of authors, title, name of journal/publishers, volume, page number, year)				
Citation and <i>h</i>-index: (Scopus Data)				
Name of the Faculty		Citations	<i>h</i>-index	
Citation and <i>h</i>-index: (Google Scholar Data)				
Name of the Faculty		Citations	<i>h</i>-index	
S. No.	Journal Name	Source Normalized Impact Factor (SNIP)	SCImago Journal Rank (SJR)	Impact Factor
23.	Details of patents and income generated:	N/A		

24.	Areas of consultancy and income generated:	N/A			
25.	Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad:	None			
26.	Faculty serving in:				
	(lxxviii) National committees: (lxxix) International committees: (lxxx) Editorial Boards of journals				
	Name of teacher	Role	Name of journal		
27.	Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):				
28.	Student projects:				
29.	Awards /recognitions received at the national and international level by:	None			
	Designation	Name of Award	Recipient		
30.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:				
	Serial No.	Title Seminars/ Conferences/ Workshops	Dates	No. of Participants	Outstanding participants (keynote, speakers, eminent scientist/academicians)
	Conferences				
	Workshops				
31.	Code of ethics for research followed by the departments:	None			

32.	Student profile programme-wise:																			
	Name of the Programme	Year	Application Received	Total No. of Student		Pass Percentage (%)														
				Male	Female															
	BBA	2016-2017	91	45	15															
Total																				
33.	Diversity of students:																			
	Name of the Programme	Year	% of students from other universities within the State	% of students from universities outside the State	% of student from other countries															
		2009-2011																		
		2010-2012																		
		2011-2013																		
		2012-2014																		
		2013-2015																		
	2014-2016																			
34.	How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:		NIL																	
35.	Student progression:		<table border="1"> <thead> <tr> <th>Student Progression</th> <th>Percentage against enrolled</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>		Student Progression	Percentage against enrolled														
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36.	Diversity of staff:		<table border="1"> <thead> <tr> <th>Percentage of faculty who are undergraduates</th> <th>Percentage of faculty who are postgraduates</th> <th>Percentage of faculty who have Ph.D.</th> </tr> </thead> <tbody> <tr> <td></td> <td>100%</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Percentage of faculty who are undergraduates	Percentage of faculty who are postgraduates	Percentage of faculty who have Ph.D.		100%										
			Percentage of faculty who are undergraduates	Percentage of faculty who are postgraduates	Percentage of faculty who have Ph.D.															
				100%																
37.	Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:		N/A																	

38.	Present details of departmental infrastructural facilities with regard to	y) Library : YES z) Internet facilities for staff and students: For staffs, YES. aa) Total number of class rooms : 03 bb) Class rooms with ICT facility : NIL cc) Students' laboratories : NIL dd) Research laboratories : NIL	
39.	List of doctoral, post-doctoral students and Research Associates:	Ph.D. Scholars	Supervisor
40.	Number of post graduate students getting financial assistance from the university:	None	
41.	Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.:	Yes.	
42.	Does the department obtain feedback from:	Yes, feedback from students is collected.	
43.	List the distinguished alumni of the department (maximum 10):	N/A	
44.	Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.:	Lectures on contemporary topics and group discussions organized, regularly	
45.	List the teaching methods adopted by the faculty for different programmes:	Lecturing, Power Point Presentations.	
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:	Continuous Assessment for each paper. Internal Examinations, permitting students to attend workshops and seminars.	

47.	Highlight the participation of students and faculty in extension activities:	Participation in management fests , sports etc.
48.	Give details of “beyond syllabus scholarly activities” of the department:	We have a session called “Beyond Curriculum” – a personality development program which started in 2016.
49.	State whether the programme/department is accredited/graded by other agencies? If yes, give details:	N/A
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied:	Publications of Faculties.
51.	Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:	<p>Strengths: Qualified Faculties, High ranked University, Updated syllabus</p> <p>Weaknesses: Infrastructural difficulties, Inadaquate teaching aids, Library , Lack of permanent staff.</p> <p>Opportunities : starting PG courses, coaching for competetive exams, overall development of minority students</p> <p>Challenges: Low application base, non availability of permanent staff, limited library failities and technology application.</p>
52.	Future plans of the department:	Add –on courses, Improving teaching methodology by implementing ICT.



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