



Annual Report

2004 – 2005



Jamia Hamdard

(Hamdard University)

Accredited by NAAC in grade 'A'

*Dream, Dream, Dream
Dreams transform into thoughts,
Thoughts result into action.*



ANNUAL REPORT

(April 2004 - March 2005)



JAMIA HAMDARD

(Hamdard University)

Hamdard Nagar

New Delhi

The Founder



- *I speak with my deeds.*
- *We have been sent by God to Give something to others, not to take from them.*

Late Hakeem Abdul Hameed

Late Hakeem Abdul Hameed, a globally known practitioner of Unani Medicine, was consistently active throughout his life for promoting education and health awareness among the weaker sections of the society, particularly among Muslims. By the time he died in 1999 at the age of 91, he had set up 25 institutions in different fields of activity, ranging from health and medicine to Islamic culture and Indian civilization. He had a strong desire to develop Unani System of Medicine on modern scientific lines. He encouraged commencement of professional courses of study in Jamia Hamdard, so that the educationally backward and psychologically depressed communities could avail the benefits of modern education. In 1962, he created Hamdard National Foundation to receive and disburse the profits earned by Hamdard (Wakf) Laboratories. The Foundation took up charitable causes in the areas of education and health. The institutions established by him include Institute of History of Medicine and Medical Research, Indian Institute of Islamic Studies, Hamdard Tibbi College, Hamdard College of Pharmacy, Ruffaida School of Nursing, Hamdard Education Society, Hamdard Study Circle, Hamdard Public School, Hamdard Institute of Historical Research, Ghalib Academy, Centre for South Asian Studies and the Business & Employment Bureau. Later in 1989, many of these institutions were amalgamated into Jamia Hamdard which was recognized as “Deemed to be a University” by the UGC. The Hamdard Study Circle, which conducts coaching for Civil services and other competitive examinations, has thus far produced 188 successful candidates for civil services. Hakeem saheb was honoured with several national and international awards including the prestigious **Avicenna Award** presented by the erstwhile USSR in 1983. He was conferred **Padma Shri** in 1965 and **Padma Bhushan** in 1991 by the Government of India, for his contributions in education, health and social service. He was Honorary Member of the Academy of Medical Sciences of the Islamic Republic of Iran and the **Chancellor** of Aligarh Muslim University, Aligarh. In October 2000, the Research Centre for Islamic History, Art and Culture (IRCICA), Istanbul, Turkey, posthumously honoured him with **IRCICA Award** for Patronage in Preservation of Cultural Heritage and Promotion of Scholarship.

— a great dreamer

The Chancellor

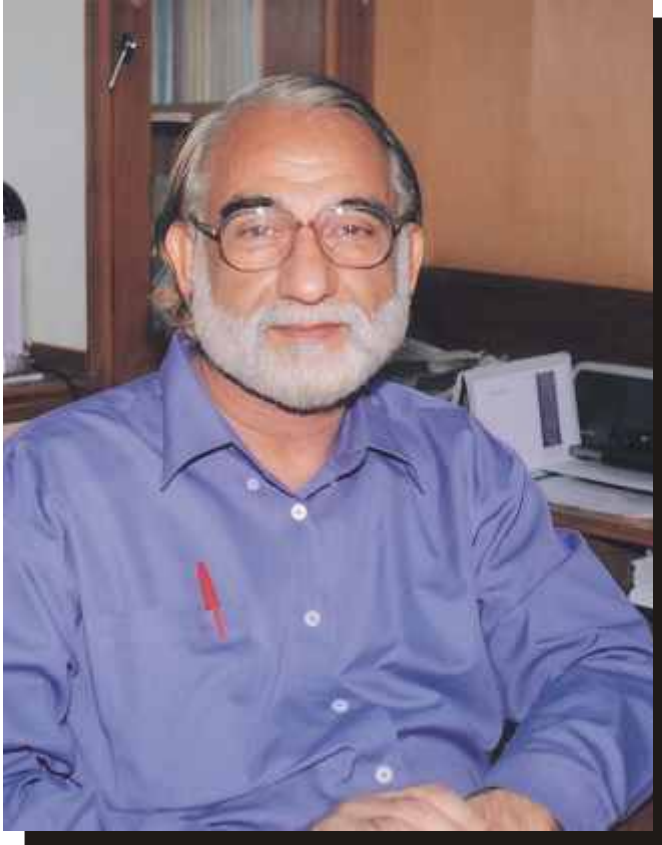


*To lead an honourable life,
Indian Muslims shall have
to go out and out for Education,
Health care, Customs reform and
intercommunity understanding.*

Mr. Saiyid Hamid, IAS

Mr. Saiyid Hamid, Chancellor of Jamia Hamdard, a renowned educationist and social activist, is known in the country, particularly in the Muslim Community, for his initiatives in universalisation of education. After his retirement from Indian Administrative Service, he was appointed as **Vice-Chancellor of Aligarh Muslim University**. He revived Tahzeebul Akhlaq, an Urdu magazine initiated by Sir Syed Ahmad Khan, the Founder of the Aligarh Muslim University, with an aim of promoting public awareness towards education, science and health and creating a scientific temperament. After his retirement from Aligarh Muslim University, he was engaged by the late Hakeem Abdul Hameed in his educational mission and appointed as Honorary Secretary of Hamdard Education Society. Mr. Hamid did the spadework for declaration of Jamia Hamdard as "Deemed to be a University". He also made a blueprint for the Hamdard Study Circle which is one of the country's most prestigious coaching institutions for civil services. Over 188 candidates coached by this institution during the last 12 years have been selected for the IAS & Allied Services. He also conceived the idea of setting up Hamdard Public School, a residential CBSE-affiliated school, in the Talimabad Campus of Hamdard. Recently, he has been appointed by the Government of India (March 2005) as a Member of the High Level Committee to prepare a Report on the Social, Economic and Educational Status of the Muslim Community of India

The Vice-Chancellor



We aim at raising a disciplined brigade of youth armed with modern knowledge and Technology and brimmed with a feeling of brotherhood and patriotism.

Professor Muhammad Iqbal

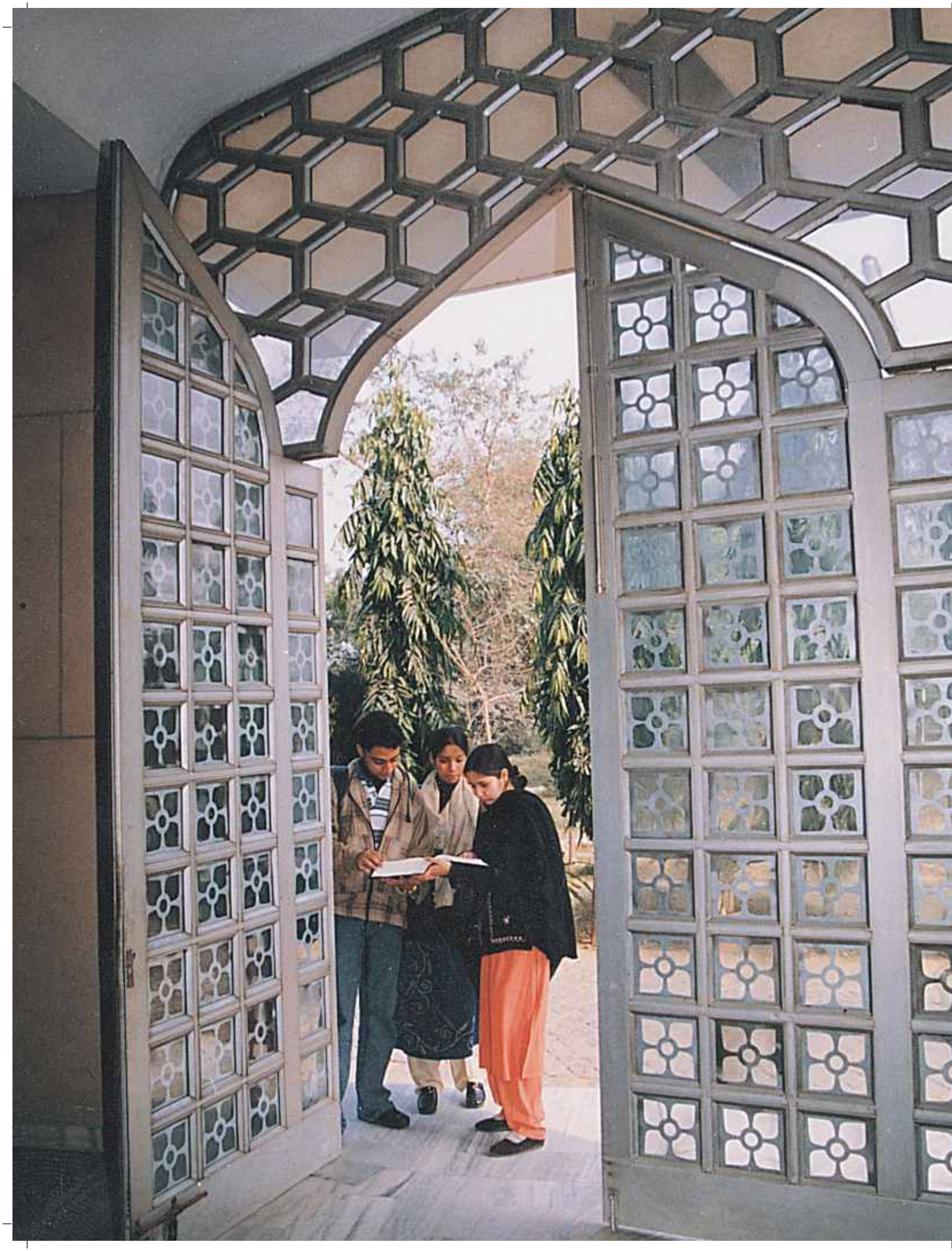
Professor Muhammad Iqbal joined this university as Professor of Botany in 1990. He, as the founder Dean of the Faculty of Science, was instrumental in setting up a science library, a central animal house and a central instrumentation facility. As the founder Head of the Department of Botany, he set up research laboratories and started a teaching programme leading to the award of M.Sc. in Environmental Botany. As incharge of admissions, he introduced Entrance Test for various courses, with an OMR/computer based preparation of results. He has been on the Academic Council, Executive Council, Finance Committee, Planning & Monitoring Board, and the Society of Jamia Hamdard, and in similar governing bodies of several others universities.

Professor Iqbal has been on the panel of experts of a number of Government Bodies including the Department of Science & Technology (Ministry of Science & Technology), Department of Environment (Ministry of Environment & Forests), the Union and the State Public Service Commissions, University Grants Commission, Central Council for Research in Unani Medicine, Council of Scientific and Industrial Research, National Council of Educational Research & Training, and over a dozen of universities and research institutes.

He specializes in developmental, environmental and medicinal botany, and has published over **175** research papers and book chapters, **five** books and **35** popular articles. He has guided these research of **22** scholars. He worked as a Visiting Scientist in universities of South Korea and Poland and participated in international conferences and workshops held in Austria, Hong Kong, Japan, Pakistan, Malaysia, Thailand, Poland and Russia. He was on the Executive Council of Muslim Association for the Advancement of Science, Indian Botanical Society, National Environmental Science Academy and International Society of Environmental Botanists.

A Life Member of over 20 scientific/academic organizations and an elected Fellow of the National Academy of Sciences (**FNASc**), Linnean Society of London (**FLS**), National Environmental Science Academy (**FNESA**), Academy of Environmental Biology (**FAEB**), Indian Botanical Society (**FBS**), and National Institute of Ecology (**FNIE**), Iqbal is a recipient of **Hiralal Chakravarty Award (1986)** of the Indian Science Congress Association, **Al-Biruni Award (1988)** of MAAS and TWAS, **World Environment Congress Award (1997) of IIE and UNEP**, **Best Scientist Award (2001)** of the National Environmental Science Academy, **Professor V. Puri Gold Medal (2002)** of the Indian Botanical Society, and **Archana Medal Award (2004)** of the Academy of Environmental Biology, among others. He has worked as **Vice-President** of the Indian Society of Citriculture, the Indian Botanical Society and the Academy of Environmental Biology. He is keen on communal harmony, Muslim education, science-religion interface, and Urdu literature.

He took over as Vice-Chancellor of Jamia Hamdard on March 14, 2005.



Hamdard University

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THE UNIVERSITY



Jamia Hamdard was founded by a visionary and an eminent Unani Physician, Hakeem Abdul Hameed, whose mission in life was to promote professional education among Indian Muslims and propagate the Unani system of medicine for alleviating human ailments. He established a number of teaching and research institutions, namely, Institute of History of Medicine and Medical Research, Indian Institute of Islamic Studies, Hamdard Tibbi College, Hamdard College of Pharmacy and Rufaida School of Nursing out of the earnings of Hamdard (Wakf) Laboratories. He also established a 150-bed Majeedia Hospital for offering health care in both modern and Unani systems of medicine. On 10th May 1989, all these institutions merged into Jamia Hamdard and got the status of “deemed to be a University” by way of a notification issued by the Ministry of Human Resource Development, Government of India. In the last 15 years or so, Jamia Hamdard has firmly established itself as a University of high repute providing professional and job-oriented education.

Jamia Hamdard is unique in that it is the only NAAC accredited A-grade university in the Capital, it is the first Govt. of India approved minority university in the country, and it offers fairly professional and job-oriented programmes of study, mostly related to health, medicines, environment, management and technology. Research has always been an important component of the academic activities in Jamia Hamdard from the very beginning. At present, 50 funded projects with a total outlay of Rs.7.50 crores are in progress. Though the core competence of Jamia Hamdard lies in the areas of Health Sciences, Biosciences, Islamic Studies and Pharmacy, it unhesitatingly has branched off into the fields of Information Technology and Management Studies taking into account the demands of the job market. At present, Jamia Hamdard has the following seven faculties:

- Faculty of Allied Health Sciences
- Faculty of Islamic Studies and Social Sciences



- Faculty of Management Studies and Information Technology
- Faculty of Medicine (Unani)
- Faculty of Nursing
- Faculty of Pharmacy
- Faculty of Science

Along with a faculty of Allied Health Sciences, Jamia Hamdard has created a Center for Regimental Therapy in Unani medicine. Over the last few years, many beautiful buildings have come up in the campus to cater to the growing number of students due to regular expansion of its academic programmes. Jamia Hamdard

is one of the few Indian universities with complete computerization at all functional levels, including admissions, examinations, administration, finance, library and hospital services. All the faculties have got a dedicated computer lab. Around 700 computers are connected to the University network.

The University lays special emphasis on inculcating the feeling of brotherhood, spirit of accommodation and a healthy concern for social issues among the student fraternity. To this end, eminent scholars are invited to deliver lectures on matters of topical interest. The Jamia Hamdard community is committed to realize the dream of its founder, i.e., to see the Jamia as one of the premier educational institutions of the country.



GOVERNANCE



The governing bodies of the university are:

- ❖ The Society
- ❖ The Executive Council
- ❖ The Academic Council
- ❖ The Finance Committee
- ❖ The Planning and Monitoring Board
- ❖ Boards of Research Studies
- ❖ Faculty Committees
- ❖ Boards of Studies

THE SOCIETY

The Chancellor of the Jamia is the Ex-officio Chairman of the Society. The Society consists of the Vice-Chancellor and Ex Vice-Chancellors of Jamia Hamdard, two Vice-Chancellors of other universities, ten eminent scholars, one representative of the Ministry of Human Resource Development (Department of Education), one representative each of the Central Council for Research in Unani Medicine (Ministry of Health & Family Welfare)

and the University Grants Commission, one nominee of Lt. Governor of Delhi, three representatives of Hamdard National Foundation, two representatives of Hamdard Dawakhana (Wakf), one representative of All India Tibbi Conference, Deans of the faculties and three members of non-teaching staff of the Jamia. Registrar is the non-member Secretary of the Society. List of members is given in Annexure - I.

The last meeting of the Society was held on May 18, 2004.

THE EXECUTIVE COUNCIL

The Executive Council, consisting of 16 members including the Vice-Chancellor as its Chairman, is the principal executive body of the Jamia. One representative each of the University Grants Commission and the Ministry of Health and Family Welfare, three Deans of Faculties of the Jamia, three nominees of the Chancellor, two teachers' representatives, one representative of Hamdard National Foundation, one representative of Hamdard Dawakhana and two elected members of the Society are

the members of the Council. Registrar is the non-member Secretary of the Council. List of members is given in Annexure - I.

The Executive Council of the University met five times during 2004-05.

THE ACADEMIC COUNCIL

The Academic Council is the principal academic body of the Jamia which regulates and maintains the standards of education, teaching and training, inter-departmental co-ordination, research and examinations in the Jamia.

With the Vice-Chancellor as its Chairman, the council includes Deans of Faculties of the Jamia, Heads of Departments of the Jamia, Professors other than Heads of Departments, one Reader and one Lecturer from each department, five educationists of repute, five members co-opted for their specialized knowledge, one representative each of the UGC and the All India Unani Tibbi Council. Registrar is the non-member Secretary of the council. List of members is given in Annexure - I.

The Academic Council of the University met two times during the session 2004-05. In addition, eleven meetings of the Standing Committee of the Academic Council were held during this period.

The main regulations or amendments to regulations adopted by the Academic Council relate to the following:

- It was resolved that in accordance with the guidelines of Indian Nursing Council, the duration of Diploma in General Nursing and Midwifery course would be 3½ Years including six months of internship, in place of 3 years from the academic session 2004-2005.

- It was resolved that the supplementary examination may be introduced in the Bridge Course of Physiotherapy and Occupational Therapy programme with retrospective effect from the academic session 2003-2004.
- Bye-laws governing admissions and examinations and the revised syllabi of the following courses of study were approved:
 1. B. Pharm.
 2. M. Pharm. (Pharmaceutical Analysis)
 3. MA (Islamic Studies)
 4. M. Sc. (Toxicology) under semester system

THE FINANCE COMMITTEE

The Finance Committee, with the Vice-Chancellor as its Chairman, consists of ten members. Chancellor's nominee, nominees of the Executive Council, a representative of the UGC, a representative of the Delhi Administration and the Registrar are members. Finance Officer is the non-member Secretary of the Committee. List of members is given in Annexure - I.

During the period under review, the Finance Committee met three times.

THE PLANNING AND MONITORING BOARD

The Planning and Monitoring Board is the principal planning body of the Jamia. It is also responsible for monitoring the development programmes of the Jamia. With the Vice-Chancellor as its chairman, the Board consists of nine members including a nominee of the University Grants Commission, two outside experts having specialized knowledge in the fields of activities of Jamia Hamdard, one elected member of the Society, one elected member of the Executive Council, and two



*Prof. M.A. Baig,
Registrar*



*Mr. C.L. Gupta,
Finance Officer*



*Dr. Basir Ahmad Khan,
Proctor*



*Prof. R.K. Khar,
Dean Students' Welfare*



Jamia Hamdard Society meeting

internal members from among Deans/Heads of Departments. Registrar is the Secretary of the Board. List of members is given in Annexure - I.

BOARDS OF RESEARCH STUDIES

Each of the faculties of the Jamia offering research programme has a Board of Research Studies with the respective Dean as its Chairman. It consists of the Heads of the Departments and the nominated teachers and external experts as members. Eight meetings were held in faculties where Ph.D. programme is offered.

FACULTY COMMITTEES

Each of the faculties of the Jamia has a Faculty Committee with the respective Dean as its Chairman. The Heads of the Departments and the nominated teachers and external experts are members. Meetings of the Faculty Committee are organized at regular intervals to discuss academic matters of the faculty. Two meetings of Faculty committee of various Faculties were held during the year.

BOARDS OF STUDIES

Each of the departments of Studies of the Jamia has a Board of Studies consisting of Head of the Department as Chairman, all Professors of the Department, two Readers of the Department, two Lecturers of the Department and two persons co-opted as members for their expertise in the concerned subject, profession or industry.

Nineteen meetings of the Board of Studies of different departments were held during the year 2004-2005.

CHANGE IN THE COMMAND

Mr. Siraj Hussain, IAS, assumed office as Vice-Chancellor of Jamia Hamdard on March 14, 2000 and demitted office on 14th March 2005 on completion of his term. **Prof. Muhammad Iqbal** has assumed office as the Vice-Chancellor of Jamia Hamdard on March 15, 2005.



Good bye Jamia Hamdard : Siraj Hussain

INFRASTRUCTURE DEVELOPMENT

New addition in Jamia Hamdard buildings



With 7 faculties and 24 departments, the university is offering 7 courses at Diploma level, 11 courses at Degree level and 22 courses at Post-graduate level in the on-campus mode of teaching. The university also offers Doctoral programme in 14 departments. The infrastructure and manpower are being consistently strengthened.

COMPUTERIZATIONS

University Campus Wide Information System

Jamia Hamdard established a University Campus Wide Information System (CWIS) in November 2002. At present all the seven faculties located in different buildings of the campus, libraries, labs, Majeedia hospital, the administrative block, International Student Hostel, Scholar's house and the residences of Chancellor and Vice-Chancellor are connected through 6 core 1000 Mbps Optical Fiber Cables. Approximately

800 information/ outlet (I/O) points have been provided in various buildings throughout the campus. About 700 PCs, 15 Servers, 50 Switches and 600 UPS of various capacity and configurations are installed throughout the campus. Access of IT facilities from the residences of teachers and senior non-teaching staff, within campus has been made available using Cisco 3745 router, digital modems and EPABX. All faculty members and officials are provided with e-mail accounts. University Grant Commission (UGC), through ERNET had provided 2 Mbps Lease Line for Internet Connectivity. The Internet and Intranet facility has been extended to the residential blocks of Jamia Hamdard through the existing EPABX system.

The University has successfully implemented customized ERP solution for day-to-day functioning of the University, including modules for managing admissions, examinations, the finance and account

section, hospital, library, and the Administration section. Software development work related to automation of the Directorate of Distance Education is under progress.

Majeedia Hospital

Registration of allopathic as well as Unani OPD patients, OPD payments, Admission formalities of the patients referred from the OPD or from the casualty, billing and payments for IPD, lab reports and generation of OPD cards, and the entire statistics and financial data related to OPD have been computerised. Online lab reports are now available in the wards and prompt treatment can be planned by the clinicians.

Library

Automated library system has been inaugurated by **Mr. MAA Fatimi**, Union State Minister, Ministry of Human Resource Development, Govt. of India. The Jamia Hamdard library system has achieved the unique distinction of being the first computerized university library in Delhi. An automated membership unit has been set up by providing a PC, a bar code scanner, a CD writer, a Laser printer, a bar code printer and other related accessories for issuing bar coded and laminated membership cards to students and staff of the university.

Establishment Section

A comprehensive Software for computerization of Establishment Section has been developed and installed by M/S Dynamic Software Solutions, Chennai. It records the personal details, qualifications, service details, dependent details and leave details of all the employees. Every employee has a User ID to log on the software and access his / her records online. The employee can apply for leave online. The leave is recommended by the concerned Head and sanctioned by the competent authority online. This software provides information on personal details and qualification details of the staff, Staff Group Report, New Appointments, report on ex-employees, position of vacant posts and position of sanctioned posts. This can also generate retirement list, increment list and holidays list, etc.

- At present, software for admission, examination, establishment, finance, library and Majeedia hospital have already been successfully launched in university.

SUPPORT SERVICES

Majeedia Hospital

The university has its own 150 bedded hospital offering both modern as well as Unani system of treating. **Dr. M. J. U. Khan** is the Medical Superintendent of Majeedia Hospital.



Dr. M. J. U. Khan

General developments

Following are the important developments during the period under report:

- The morning OPD hours have been extended from 8.30 a.m. to 12 noon.
- Super-Speciality OPD has been started with clinics in Psychiatry, Endocrinology, Plastic Surgery, Neuro Surgery, Paediatric Surgery and Cardiology. Another session of General OPD was introduced in the evening hours.
- Dialysis Unit was established in July 2001 with two Haemodialysis machines and a Reverse Osmosis Plant. Today we are doing more than one hundred dialysis per month.
- I.C.U, Casualty, O.T. Complex, Patient Registration Area and Reception area have been renovated, and the main Lab new working counters constructed.
- Dialysis Unit has been designed and established.
- Two deluxe suites, a new medical store and a mortuary have been developed.
- A full fledged Rehabilitation Centre equipped with state-of-the-art imported machines has been set up.



Majeedia Hospital



- Thursday afternoons have been fixed for holding the clinical meetings which are well attended not only by junior doctors but also by the consultants who want to benefit from the containing Medical Education imparted through these meetings.
- The hospital has been connected to new exchange with fibre optic cables. The entire OPD complex was is now equipped with independent telephone connection in each consultation chamber. An independent wireless Tata Indicom telephone has also been provided just in case the main telephone system goes out of order.
- In order to have a visual contact with various important areas of the hospital, like Reception Counter, Accounts Section, Registration area, Main entrance to the hospital and most of the ward counters, the MS office has been provided with close circuit television (CCTV).



- One Ambulance Car (Rs. 6.00 lakh) and several equipments like, Operating Laproscope (Rs. 6.24 lakh), Ultrasound Machine (Rs. 13.5 lakh), Neonatal Ventilator (Rs. 11 lakh) and NIBP Monitors (Rs. 7.5 lakh) have been procured.
- Recognition was granted to the hospital by National Board of Examinations for running the Post Graduate Medical Programme in Family Medicine. Two doctors were selected and are presently undergoing three years Post Graduate Course in Majeedia Hospital.

Community Outreach Activities

- Majeedia Hospital organised a number of free health check up camps for general public inside the hospital as well as in surrounding areas in Delhi and in the satellite towns like Faridabad and Gurgaon.
- In collaboration with the Pharmaceutical companies free Bone Scanning was done. People showing osteoporotic changes (loss of calcium from the bones) were examined and provided free consultation by the Orthopaedic Surgeons. Similarly on several occasions Hepatitis B Vaccination was arranged, in collaboration with the manufacturer of the vaccine, and the drug was provided at highly subsidised rates.

Free Immunization to Children and Pregnant Women:

The Family Welfare section of Majeedia Hospital provided free immunization to children. In this Immunization Programme Hepatitis B vaccination to children and expectant mothers has also been added

Pulse Polio Programme

Majeedia Hospital was made the Regional Vaccine Store (RVS) of the Ministry of Health, Govt. of NCT of Delhi; it issued vaccines and other logistics to more than 90 Polio Kendras in South Delhi.

Majeedia actively participates in National Immunization Day Programme. A total of 66,983 children were covered through Polio Kendras on NID in the month of February 2004.

Family Planning Activities

- Total No. of Immunization done in 2003-2004 - 61,195

- No. of family planning operations performed - 145
- No. of Oral Contraceptive distributed - 315 users

Computerisation of Hospital

Following activities have been computerized:

- (a) Registration of allopathic as well as Unani OPD patients,
- (b) Generation of OPD cards, and the entire statistics and financial data related to OPD.
- (c) OPD payments
- (d) Admission formalities of the patients referred from the OPD or from the casualty
- (e) Billing and payments for IPD
- (f) Lab Reports

Recognition by CGHS

The Diagnostic facilities consisting of Bio-chemistry, Histopathology, Microbiology and Radio Diagnosis including x-ray and ultrasound have been recognised by CGHS.

Teaching and Training Activities at Majeedia Hospital

Besides the Post-Graduate Medical Course (DNB), the following three Diploma level courses have been started during the period under review:

- Diploma in Operation Theatre Technology
- Diploma in X-ray & ECG Technology
- Diploma in Dialysis Technology



Free medical checkup

Further, a Diploma Course in Medical Record Technology (DMRT), and a Certificate Course for Nursing Attendants are likely to be added.

Two months hospital training was provided free of charge to 12 girls and 8 boys. They had undergone the theory part of the training in Hospital Administration Assistant Course and Nursing Assistant Course conducted by CASP and Dr. Reddy's Foundation in Govindpuri.

Central Library

Hakeem Mohd. Said Central Library being the nodal information resource center of the Hamdard University continued to provide full support in all educational and research activities of the university during the year 2004-2005. **Mr. K. K. Faruqi** is the University Librarian. Statistics in the tables reflects the activities and performance of the library at a glance.



Mr. K. K. Faruqi

New Sections

- A separate section for Book Bank has been re-organised and relocated near the Textbook section 1752 books were added during the year under report by spending an amount of Rs.8.34 lakhs.
- Keeping in view the importance of dissertations and theses, a separate section has been created for these research documents. At present, it contains over 1500 theses and dissertations.
- A reading room has been constructed on the second floor of the library building for academicians, teaching and non-teaching staff, and visitors.



Mr. M.A.A. Fatimi, Hon'ble Minister of State for HRD, Govt. of India, inaugurates the Automated Library System

Library Automation

- In order to run the Libsys package efficiently and effectively, it was essential to train the professional staff of the library. They have completed level-I and level-II training on all the six modules of the package.
- More than 7,681 books were accessioned, catalogued and bar-coded on automated mode. They were processed and transferred to the respective Faculty libraries and the sections of the central library.
- Under the UGC-INFONET Consortium programme, the library acquired quite a good number of E-journals and E-Databases, which are being consulted on Internet and Intranet by students, research workers and teaching and non-teaching communities of the university who have been provided Login ID and Databases for E-resources.
- The library has become a member of DELNET and is utilising more than 12 databases and other facilities. All the teaching and non-teaching staff and research scholars have been provided with Login ID and Password for accessing databases and e-journals.
- An automated membership unit has been set up by providing a PC, a bar code scanner, a CD writer, a Laser printer, a bar code printer and other related accessories for issuing bar coded and laminated membership cards to students and staff of the university.

Membership

UG students	1149
PG students	712
Ph.D. students	179
Diploma students	269
Staff	716
Total	3045

Book issued by Home Reading

Central Library	64,800
Faculty of Pharmacy	36,000
Faculty of Science	33,120
Faculty of Medicine	37,440
Faculty of Nursing	47,520
Total	2,18,880

Books/Documents consulted

Central Library	1,44,000
Faculty of Pharmacy	1,19,520
Faculty of Science	1,12,320
Faculty of Medicine	1,06,560
Faculty of Nursing	66,240
Total	5,48,640

Inter Library Loan

Book borrowed from other libraries	49
Books loaned to other libraries	38

Additions of Books, Journals and Cds

Books purchased	7,681
Bound volumes of journals added	257
Books received as gift	670
CDs/Floppies added	260
Total	8,868



Academic and Professional Activities of the Library Staff

I. Khalid Kamal Faruqi, University Librarian

- Authored a book entitled “Net Studies in Library and Information Science” published by AaKar Books, New Delhi.
- Edited a book entitled “Library Information System and E-Journals Archiving” published by Authors Press, New Delhi.
- Contributed an article entitled “Benefits of Library Automation” in a book entitled “Library and information Studies in Cyber Age” in honour of Professor J.L.Sardana, edited by S.M. Dhawan and published by Authors Press, New Delhi.
- Attended seminar on “Changing Face of Libraries and Access to e-content” held at Hyatt Regency, New Delhi, organized by Informatics (India) limited, Bangalore (January 17 2005)
- Attended UDC-INFONET Seminar on “Access to e-journals” held at Delhi University, organized by INFLIBNET Centre, Ahmedabad (December 14-15, 2004).

2. M.A. Prodhani, Dy Librarian

- Attended UGC Foundation Day Lecture by Baroness Blackstone, Vice-Chancellor, University of Greenwich, London on 28 December 2004 at India International Centre, New Delhi.
- Attended seminar on “Changing Face of Libraries and Access to e-content” held at

Hyatt Regency, New Delhi, organized by Informatics (India) limited, Bangalore (January 17 2005)

HERBAL GARDEN

The following plants of medicinal importance have been sown over the last couple of years.

Jatropha curcus

Chlorophytum tuberosum

Fagopyrum esculentum

Aesculus indica

Solanum khasianum

Lepidium sativum

Dolichos biflorus

Datura fistuos

Asparagus racemosus

Glycirrhyza glabra

Ocimum sanctum

Andrographis paniculata



Nurseries of ornamental plants (about 5000 saplings) were maintained and the plants developed were displayed at various sites in the university campus.

- **Dr. Jaya Jambunathan**, Director, Professor College of Nursing, Oshkosh University, U.S.A. visited the Herbal Garden of Jamia Hamdard (January 4, 2005).
- **Mr. Rajat Ghose** and his team visited Herbal Garden to make a documentary film on the herbs used in Unani system of medicine, for the Department of AYUSH, New Delhi (January 11, 2005).
- **Ms. Nahmagal Krishnapillai** of the Department of Botany, Jaffna University, Sri Lanka, visited the garden (March 03, 2005).

CENTRAL ANIMAL HOUSE FACILITY

The Central Animal House of Jamia Hamdard has successfully bred, maintained Wistar rats & Swiss albino mice and supplied them to scientists and teaching faculty for scientific experiments. Surplus animals are sold to sister organizations after checking the credentials as per guidelines of CPCSEA for selling the animals.

Fifty-four new research proposals were submitted during March 2004 to April 2005. Four meetings of Jamia Hamdard Animal Ethics Committee (JHAEC) were held for scrutiny and approval of these proposals.

APPOINTMENTS AND PROMOTIONS

Position of teaching and non-teaching staff in the university, as on 31.03.2005, is given below:

Teaching Staff				
	Regular	Contractual	Deputation/Adhoc	Total
Professor	14	03	03	20
Reader	30	03	–	33
Lecturer	65	26	03	94
Others	08	04	01	13
Total	117	36	07	160

Non-teaching Staff					
	Regular	Contractual	Deputation/Adhoc	Daily Wager	Total
Group 'A'	22	04	27	--	53
Group 'B'	41	02	01	--	44
Group 'C'	199	29	57	--	285
Group 'D'	118	60	25	13	216
Total	380	95	110	13	598

Selection Committees Conducted

During the period under report, 24 meetings of the Selection Committee were conducted as given below.

- For direct recruitment of teachers 12
- For direct recruitment of non-teaching staff 6
- For promotion of teachers under UGC's Career Advancement Scheme 2
- For departmental promotion of non-teaching staff 4

New Appointments

New Deans of Faculties

- Shakti Kak as Dean, Faculty of Management Studies and Information Technology

- Muhammad Iqbal as Dean, Faculty of Science
- Shakir Jamil as Dean, Faculty of Medicine (Unani)

Heads of Departments

- Basir Ahmad Khan as Head, Department of Islamic Studies
- Shakti Kak as Head, Department of Computer Science
- P.K. Pillai as Head, Department of Para-medical Sciences
- Shakir Jamil as Head, Department of Moalijat

The following teaching and non-teaching staff have been appointed during the period under report:

Teaching Staff

- M.M. Ansari, Professor and Director, Directorate of Open and Distance Learning
- Uma Bhandari, Reader in the Department of Pharmacology
- Urmila Devi Bhardwaj, Reader in the Faculty of Nursing
- Yoginder Singh Sikand, Reader in the Department of Islamic Studies
- Sajid Husain, Reader in the Department of Medical Elementology and Toxicology
- Shibu John, Reader in the Department of Management Studies
- Saima Amin, Lecturer in the Department of Pharmaceutics
- Jasjeet Kaur Sahni, Lecturer (Quality Assurance) in the Department of Pharmaceutics
- Altaf Ahmad, Lecturer in the Department of Botany
- Deepa Anand, Lecturer in the Department of Computer Science
- Jahiruddin, Lecturer in the Department of Computer Science
- Parul Agarwal, Lecturer in the Department of Computer Science
- Sameena Naaz, Lecturer in the Department of Computer Science
- Abdul Rauf, Lecturer in the Department of Ilmul Advia

- Manju Chhugani, Lecturer, Faculty of Nursing
- Seema Rani Lecturer, Faculty of Nursing
- Veena Sharma, Lecturer, Faculty of Nursing
- Grace Paul, Lecturer, Faculty of Nursing
- Madhavi Verma, Tutor, Faculty of Nursing
- Beenamma Benny, Tutor, Faculty of Nursing
- Santosh Dogra, Tutor, Faculty of Nursing
- Mikki Khan, Tutor, Faculty of Nursing
- Sartaj Parveen, Clinical Instructor, Faculty of Nursing
- Jamal Fatima Hashmi, Clinical Instructor, Faculty of Nursing
- Anjali Kaushik, Clinical Instructor, Faculty of Nursing

Non-teaching Staff

- S.M. Suroor Athar, Assistant Registrar, Academic Section

- Mohd. Zafar Ahsan, System Analyst (Networking), Finance Section
- Mohd. Zubair Ahmad, Manager (Hospitality), Scholar House and Convention Centre
- Fauzia Yasmeen, Warden, Girls Hostel
- Azim Akhtar, Security Inspector
- Imran Khan, Semi Professional Assistant, Hakeem Mohd. Saeed Central Library
- Faisal Mustafa, Semi Professional Assistant, Hakeem Mohd. Saeed Central Library
- Mohd. Aslam, O.T. Technician, Majeedia Hospital
- Ghalib Kamal, O.T. Technician, Majeedia Hospital
- Nasruddin Ahmad, Networking Assistant
- Abid Zafar, Data Entry Operator, Computer Centre
- Shimail Hafeez, Junior Assistant, Dept. of Management Studies
- Tarique Mujeeb, Junior Assistant, Training and Placement Officer



Inauguration of Gymnasium at Annimarie Schimmel Hostel



Naming ceremony of New Girls Hostel: Prof. Tanika Sarkar of JNU with Provost, Warden and the former Vice-Chancellor

- Abdus Samad, Junior Assistant, Directorate of Open and Distance Learning
- Subodh Kumar, Junior Assistant, Office of the Training and Placement Officer
- Shagufta Bano, Junior Assistant, Directorate of Open and Distance Learning
- Azam Siddiqi, Junior Assistant, Establishment Section
- Mohd. Asim, Junior Assistant, Department of Computer Science
- Shaikh Mohiuddin, Stenographer, Directorate of Open and Distance Learning
- Mohd. Yasir Jamal, Junior Assistant, Examination Section
- Shaikh Golam Dastagir, Junior Assistant, Finance Section
- Udaya Kumar P.M., Junior Assistant, Training and Placement Office
- Iklakh Muhammad, Junior Assistant, Department of Computer Science

Appointments of in-service candidates

There is a provision in the Jamia Hamdard Bye-laws governing the recruitment and promotion of non-teaching staff to fill up 5% of the sanctioned posts of Junior Assistant from the cadre of Office Attendant/Nursing Attendant. In order to select the eligible candidates, a test of English typing and of English Composition and Grammar was conducted. On the basis of their performance in the test, the following incumbents have been appointed as Junior Assistant

- Sohrab Khan
- Mohd. Saghir
- Abdul Qadir

Appointment on compassionate ground

Following appointments have been made on compassionate ground during the period under report:

- Mohd. Idrees s/o Late Mr. Rafeeq Ahmed (Electrician), as Laboratory Attendant
- Sanjeeda Begum w/o Late Mr. Sirajuddin (Attendant) as Helper, Girls Hostels
- Tabassum Najm w/o Late Dr. Najm Zaheer Khan (Lecturer) as Junior Assistant

Appointment of Guest Professors

- B.E. Rao, Department of Pharmaceutics
- S.P. Agarwal, Department of Pharmaceutics

Appointment of Visiting Professors

- K.K. Bhardwaj (Hony Advisor), Dept. of Computer Science
- Shakeel Ahmad, Department of Chemistry
- Ratna Choudhury, Department of Chemistry

Appointments in Majeedia Hospital

Position of staff in Majeedia Hospital (excluding the Honorary Consultants), as on 31-3-2005, is given below:

Allopathic Wing	
Medical Staff	24
Paramedical Staff	47
Nursing Staff	70
Unani Wing	
Medical Staff	08
Paramedical Staff	08
Nursing Staff	04
Total	161

The following doctors have been either appointed or given extension in appointment.

- P.K. Pillai, Hony. Consultant (Microbiology)

- Rajni Mehra, Hony. Consultant (Anaesthesia) V.K. Garg Orthopaedics
- Vidushi Madan, Pathologist Kamal Bachani Orthopaedics
- Shabraz Tariq, Senior Resident Naveen Saith Dermatology
- Farhan Siraj, Senior Resident Usha Prasad Dermatology
- Uzma Bano, Clinical Registrar Anju Mangla Dermatology
- Zehra Zaidi, Clinical Registrar Rakesh Kumar Dermatology
- Deepti Krishna, Resident Medical Officer S. Bhalla Dental
- Mohd. Zahid Perwez, Resident Medical Officer T.R. Bali Dental
- Abdul Rasheed, Resident Medical Officer Shalu Chadda Dental
- Naushad Ahmad, Resident Medical Officer Sanjay Jain E.N.T.
- Asif Iqbal, Resident Medical Officer Atul Ahuja E.N.T.
- Ghulam Sarwar, Resident Medical Officer Meenakshi C. Jain E.N.T.
- Nahid Bano Abidi, Resident Medical Officer Suresh Chandra Nephrology
- Junaid Hasan, Resident Medical Officer M.C. Jha Ophthalmology
- S.M.Zafar Hasan, Resident Medical Officer Deepa Kapoor Ophthalmology
- Hasnain Ahmad Zubairi, Resident Medical Officer Vishal Grover Ophthalmology
- Nooruddin, Resident Medical Officer S.N.Kaul Radiology
- Kalim Ahmad Khan, Resident Medical Officer V.K.Sehgal Endocrinology
- Sangita Kumari, Resident Medical Officer Pradeep Dutta Ultrasonography
- Meenakshi Dubey, Resident Medical Officer Charu Ghai Ultrasonography
- Rashi Chadha, Resident Medical Officer Syed Mansoor Alam Radiology and Ultrasonology
- Abdul Qadir, Resident Medical Officer A. Mukharjee Medicine

The following Honorary Consultants have been either appointed or given extension in appointment:

General OPD

Meera Luthra	Paediatric Surgery
Chabbi Rano Gupta	Paediatric Surgery
Shashi Shekhar Singh	Paediatrics
S.K. Bhattacharya	Anaesthesia
Shiv Chopra	Surgery
A.M. Saeed	Surgery
Aziz Ahmad	Surgery
Amita Wadhwa	Gynae & Obst.
P. Shastri	Gynae & Obst.
Shalini Sood	Gynae & Obst.

Kuldeep Singh	Urology
Varun Kulshreshtra	Plastic Surgery
Ankush Gupta	Audiology/ Speech Therapy

Evening OPD

K.K. Doomra	Orthopaedics
S.K. Sharma	Orthopaedics
Shalini Taneja	Paediatrics
Shashi Shekhar Singh	Paediatrics
Madhusumita Som Roy	Paediatrics
Shikha Gupta	Surgery
Shiv Chopra	Surgery
Aneesh Lal	Surgery

K.K. Saharan	Gynae & Obst.
Shalini Sud	Gynae & Obst.
Neena Bahl	Gynae & Obst.
Gauri Saxena	Gynae & Obst.
Debkumar Paul	Dental
Farrukh Faraz	Dental
Suraj R. Sawrna	Dental
Anil Sabharwal	Medicine
Shobha Nand Jha	Medicine
Rakesh Kumar	Dermatology
Sanjay Jain	E.N.T
Deepa Kapoor	Ophthalmology
Saswata Ray	Ophthalmology
Prashant Saxena	Ophthalmology
S.P. Singh	Ophthalmology
Manoj Kumar	Gastroenterology

Polyclinic

A. Chakarborty	Obstetrics & Gynae
Sheela Roy	Allergy
Poonam Singh	Obstetrics & Gynae
Shanti Yadav	Obstetrics & Gynae
Amita Wadhwa	Obstetrics & Gynae
Chandra Kala M. Sharma	Obstetrics & Gynae

Courtesy Attachment

Jaisom Chopra	Vascular Surgery
R.K Himthani	Gastroenterology
Sumit Prasad	General Surgery
Rehamullah Khan	General Surgery
Jawahar Ticku	Medical Oncology
Amit Bihari Lall	Maxillo-Facial Surgery

Promotion of Teachers

During the period under report, the following teachers have been promoted under UGC's Career Advancement scheme.

- Asgar Ali as Professor, Department of Pharmaceutics

- Mahmooduzzar as Lecturer (Selection Grade), Department of Botany
- Abdul Mujeeb as Lecturer (Senior Scale), Department of Botany

Promotion of Non-teaching staff

Departmental Promotion

- M.H. Shamsi, Assistant Engineer (Civil), Maintenance Section
- Zafar Khan, Assistant, Faculty of Medicine (Unani)
- Tasneem Khatoon, Professional Assistant, Hakeem Mohd. Saeed Central Library
- Nuzhat Ayyub, Professional Assistant, Hakeem Mohd. Saeed Central Library

Financial Upgradation Under Assured Career Progression Scheme

- Sakeena Bano, Staff Nurse, Majeedia Hospital
- Rosamma Samul, Laboratory Technician, Majeedia Hospital
- Nihal Akhtar, Junior Refrigerator Mechanic, Maintenance Section
- Mohd. Younus Abbasi, Senior Binder, HMS Central Library
- Abdul Hameed, Office Attendant, Scholar House
- Khalida Yusuf, Staff Nurse, Majeedia Hospital
- Mohd. Saifuddin, DTP Operator, Printing Press
- Dharm Pal, Senior Binder, HMS Central Library
- Mehboob Ali Shah, Office Attendant, Faculty of Nursing
- Munish Kumar, Safai Worker, House Keeping Department
- M. Zahir Beg, Professional Assistant, HMS Central Library
- Badrul A. Usmani, Professional Assistant, HMS Central Library
- Shahbuddin Malik, Professional Assistant, Nursing Library
- Imtiyaz Husain, Professional Assistant, HMS Central Library
- Rizwana Shamim, Professional Assistant, Pharmacy Library



Naming ceremony of PG Girls Hostel: Mr. Abdul Mueed, President, HNF, with Provost, guests and students

Upgradation in the core pay scale

The core pay scale of the post of Laboratory Assistant in the Laboratory cadre was upgraded from Rs.3050-4590 to Rs.3200-4900 with the approval of the Executive Council at its 49th meeting held on 20.09.2004. This has benefited the following employees as they have been placed in the upgraded scale:

- Asad Bhatti, Department of Pharmacognosy & Phytochemistry
- Mohd. Hashim, Department of Pharmaceutical Chemistry
- Ashok Kumar Thakur, Department of Kulliyat
- Mohd. Arif, Department of Moalijat

Creation of teaching/non-teaching Posts

Seventeen new positions have been created under Self-financing scheme for the Department of Management Studies, Directorate of Open and Distance Learning, Department of Pharmaceutical Chemistry, and the Computer Centre.

Leave sanctioned for study purpose

- Mehrun Nisa, Clinical Instructor, Faculty of Nursing

has been sanctioned Study Leave for a period of two years to pursue M.Sc. (Nursing).

- Prof. M.A. Jafri, Dept. of Ilmu Advia, Faculty of Medicine (Unani) has been granted Extra Ordinary Leave for a period of two years to enable him to join as Director, National Institute of Unani Medicine (NIUM), Bangalore.
- Hkm. Hifzul Kabir, Lecturer, Dept. of Ilmu Advia, Faculty of Medicine (Unani) has been allowed to join as Reader at National Institute of Unani Medicine (NIUM), Bangalore.

Following teachers have been sanctioned Extra Ordinary leave for going abroad:

- Dr. Mohd. Amir, Dept. of Pharm. Chemistry, Faculty of Pharmacy
- Prof. Rasheeduz Zafar, Dept. of Pharmacognosy & Phytochemistry, Faculty of Pharmacy
- Dr. (Mrs.) Sarwat Sultana, Dept. of Medical, Elementology & Toxicology, Faculty of Science

Retirements

- Altaf A. Azmi, Professor, Faculty of Islamic Studies and Social Sciences

- Arif Shah, Professional Assistant, Hkm Mohd. Central Library
- Savitri Mehta, Lady Health Visitor, Majeedia Hospital

Computer Training to Staffs

- A three week computer training programme (June-July, 2004) and a week-long programme (October 2004) were organized for non-teaching staff including Laboratory Library and Nursing Staff. A total of 32 employees and 47 employees, respectively attended the programmes

Disciplinary Actions

As per the General Bye-Laws of Jamia Hamdard, Nisar Ahmad (Compounder), and Ram Rattan (Library Attendant) were given a minor penalty for violating the code of conduct during the period under report.

Planning and Development Cell

The Planning and Development Cell, established in February 1998 and lying dormant for long, has been re-established in April 2004 with Prof. Mohd. Athar as Incharge of the Cell. It has been assigned the following functions:

- Preparation of various proposals in accordance with the guidelines communicated by the UGC from time to time.
- Preparation of proposals in respect of identified programmes /policies of the University for submission to the appropriate authority.
- Preparation of the projects related to the development of the university including setting up of new Departments, Centres and Faculties.

MODIFICATION IN THE CONDUCT RULE

The General Bye-Laws of Jamia Hamdard pertaining to the Conduct Rule were modified and a provision was made to provide the charged employees a copy of the Inquiry Report. The provision for giving an opportunity to make representation on the proposed penalty was removed so as to bring the rules in conformity with the Government of India rules on this subject.

CONSTRUCTION PROJECTS

Projects Completed

Faculty of Allied Health Sciences

The foundation stone of the building was laid by Dr. Hari Gautam, the then Vice Chairman of the UGC on March 19th, 2002. The construction of the building having an area of 6480 sqm was started in March 2003 and completed in December, 2004 at a cost of Rs. 5.70 crores.

The International Scholars' Hostel

Construction work of the remaining 24 rooms in the rear block of the International Scholars' Hostel, was started in January, 2004 and completed in July, 2004 within the allocated funds of Rs. 65 lacs.

Sports Complex

2500.00 sqm of the sports Complex Ground was levelled for better sports facilities like Cricket, Hockey, Foot Ball and Lawn Tennis etc. The sports complex ground was completed at a total cost of Rs. 20 lacs.

Remodeling of the Department of Biotechnology

The work started in March 2004, was completed in March-2005 at an estimated cost of Rs. 25.0 lacs..

Re-Carpeting of campus roads

The work of recarpeting of roads was started in November-2004 and completed in January 2005 at an estimated cost of Rs. 31.50 lakhs.

Construction of Canteen for the Faculty of Pharmacy

The work started in July 2004, was completed in Oct. 2004 at an estimated cost of Rs. 10.50 lakhs. The total floor area is 200 m².

NMR room in the Faculty of Pharmacy

The construction of room for housing the NMR machine was started in July and completed in October, 2004 at an estimated cost of Rs. 3.50 lakh. The total renovated floor area is 95 m².



ONGOING PROJECTS

Second phase construction of the Allied Health Sciences building

Construction of the left over portion of 5320 sq. m. of the above building was started in February, 2004 and is likely to be completed by the end of June, 2005. A provision of Rs. 350 lakh was made in the budget of 2003-2004, with a share of Rs. 200 lacs from the HNF & Rs. 150 lacs from the university.

Construction of Boys Hostel for 200 students

Construction of the building, under the UGC's X Plan Scheme, was started in March 2005 and is expected to be completed in September 2006. The foundation stone of the building was laid by Dr. A.R. Kidwai, Hon'ble Governor of Haryana on 25th December 2004. The total

area of the building (G+3 floor) is 3593.00. The estimated cost of the project is Rs. 402.80 lakhs.

FURTHER PLAN

Centre for Advanced Research in Pharmaceutical Sciences (CARPS)

Construction of a building of Centre for Advanced Research in Pharmaceutical Science, involving a cost of Rs. 497.55 lakh is the next work to be taken up. M/s S. Sen & Associates have been appointed as the architect for this building. Drawings of the building have been approved from the all Govt. Departments concerned. The total area of the building (B+G+3) floor is 4431.00 m².



*Hkm. T.A. Siddiqui
Provost*



ACADEMIC ADVANCES



The university has linkages with many reputed institutions and organizations within the country and outside. In recognition of the university's contribution to teaching and research, the National Assessment and Accreditation Council (NAAC), an autonomous body under the University Grants Commission, accredited the university in "A" Grade. The student community of Jamia Hamdard has excelled in All India examinations like GATE and NET etc. The university has been able to attract meritorious students from almost all the states of the country as well as from abroad. At present, it has about 213 foreign students out of which 110 students were enrolled during the year 2004-2005. The university has been selected by the UGC as one of the twenty six universities in the country for Promotion of Indian Higher Education Abroad (PIHEAD).

ADMISSION REFORMS

1. An Admission Software developed by DSS Chennai has been implemented, successfully. All admissions in the year 2004 were done using online facility provided under this software.
2. Admission application form was slightly modified and provision has been made to get information about MAT score for MBA admission.
3. Information about eligibility and selection procedure of following courses has been provided in prospectus :
 - MBA (Health, Hospital and Pharmaceutical Management)
 - M. Pharm. (Pharmaceutical Analysis)
 - Diploma in Medical Record Techniques
 - Certificate Course for Ward Attendant
 - Certificate Course for Attar.

STUDENTS ADMISSIONS

Details about the number of students admitted to various courses in the year 2004 are given below:

- **Indian Students Admitted in General Category**

Programme of Study	Number of Students
Doctoral degree programmes	66
Master's degree programmes	364
Bachelor's degree programmes	282
Diploma programmes	105
Pre-Tibb programmes	10
Total	827

- **Indian Students admitted in NRI/ Industry Sponsored Category**

Programme of Study	Number of Students	
	<i>Non-Resident Indians</i>	<i>Industry Sponsored</i>
Master's degree programmes	05	57
Bachelor's degree programmes	02	40
Diploma programmes	-	19
Total	7	116

- **Foreign Students Admitted**

Country	Programme of Study	Number of Students
Bangladesh	Bachelor's degree programmes	01
Bhutan	Bachelor's degree programmes	03
Canada	Bachelor's degree programmes	02
Indonesia	Master's degree programmes	01
Iran	Doctoral degree programmes	04
	Master's degree programmes	04
	Bachelor's degree programmes	13
Iraq	Master's degree programmes	01
Jordan	Bachelor's degree programmes	01
Kenya	Diploma programmes	01
Kuwait	Doctoral degree programmes	01
	Master's degree programmes	02
Nepal	Master's degree programmes	02
	Bachelor's degree programmes	01
	Pre-Tibb programmes	01
Nigeria	Bachelor's degree programmes	35
	Diploma Programmes	03
Palestine	Bachelor's degree programmes	01
Saudi Arabia	Doctoral degree programmes	01
Sudan	Master's degree programmes	02
	Bachelor's degree programmes	05
Syria	Doctoral degree programmes	01
	Master's degree programmes	02
Tanzania	Master's degree programmes	01
	Bachelor's degree programmes	03
Tibet	Bachelor's degree programmes	02
	Diploma programmes	07
Uganda	Master's degree programmes	01
Vietnam	Bachelor's degree programmes	02
Yemen	Master's degree programmes	01
	Bachelor's degree programmes	04
	Total	109

STUDENTS' TRAINING AND PLACEMENT

The Training & Placement Cell, headed by Mr. Rehan Khan Suri, the Training and Placement Officer, maintained regular interaction with the industry and organized campus interviews conducted by 56 reputed companies and hospitals. The Cell organized four pre-placement training programmes during the session

The detail of students selected through campus recruitment is given below:

Course of Study	Batch	Number of students
M.C.A.	2004	49
M.B.A.	2004	35
B.Pharm.	2004	23
M. Pharm.	2004	27
B.Sc. (Nursing)/DGNM	2004	26
M. Sc. (Comp. Sc.)	2005	24
MCA	2005	41
MBA	2005	44
B.Pharm.	2005	13
M. Pharm.	2005	12

NEW ACADEMIC PROGRAMMES INTRODUCED

- B.Sc. (Optometric Practices) course has been introduced in collaboration with Venu Eye Hospital, New Delhi
- The following new courses have been approved for introduction from the Academic year 2005-2006.
 1. M. Pharm. in Pharmaceutical Analysis
 2. MBA Programme in Health, Hospital and Pharmaceutical Management
 3. Certificate Course in Unani Pharmacy
 4. Certificate Course in Ward Attendant
 5. Diploma in Medical Record Techniques

CAREER GUIDANCE AND COUNSELLING

In view of critical role of Career guidance in shaping the future students, a Committee on Career Guidance and Counselling has been constituted under the Chairmanship of Prof. M.M. Ansari, Director, Directorate of Open and Distance Learning, with the following as members:

- Khursheed A. Ansari, Department of Tashreeh wa Munafeul Aza
- Manju Chhugani, Faculty of Nursing

- A. Jafar Sadiq, Department of Rehabilitation Sciences
- Shoaib Ahmad, Department of Pharmacognosy & Phytochemistry

The Committee has been entrusted with the responsibility of providing Career Guidance to the students of different streams who aspire to pursue technical, vocational and professional courses offered by Colleges and Universities in India and abroad.

The Committee organized over 15 events on students counselling sessions in the Schools and Colleges located in different cities like Delhi, Mooradabad, Rampur, Baraily, Faizabad, Shahjahanpur, Lucknow, Kanpur, Vadodra, Surat, Mathura, Meerut, Patna, Kathar, and Kishanganj during October 2004 to March 2005. There was overwhelming response from students, teachers and parents, who participated in the sessions.

Since the credibility of the University as a Centre of excellence has improved overtime, the Doordarshan came forward to highlight the academic contributions of the University as a role model. M/s. B.S. Tele Films Pvt. Ltd., Delhi prepared a Teleserial on Career Guidance for Telecast on Doordarshan under its programme titled 'Lakshya'. The serial has been telecast in different episodes of half an hour duration each, during February and March 2005, focusing the activities of the University.

LAUNCH OF OPEN AND DISTANCE EDUCATION PROGRAMMES

In pursuance of the decision of the Executive Council, the University has launched distance education programmes in the academic session, 2004-05. Job



Prof. M. M. Ansari and Dr. Sarwar Alam in Career Guidance and Counselling Session.



Globe on the campus

oriented professional courses, leading to the award of degrees and diplomas by the University, are offered to fulfil the University's mandate of making the higher education accessible to socially and economically disadvantaged students, particularly among Indian Muslims.

Establishment of the Directorate of Open and Distance Learning has enabled the University to extend its reach and promote education through open and distance learning systems. The programmes of the study are customized to meet the learning requirements of knowledge seekers as well as to ensure that they learn at their own pace and convenience.

SCHOLARSHIPS

The university has made earnest efforts in getting various scholarships instituted to provide financial assistance to needy and bright students. The following scholarships have been added during the period under report:

- **“Mrs. Farida Haque Scholarship”** for first year student of DGNM on the basis of means only.
- **Dr. (Ms.) Tasneem Rashid**, New Jersey, USA donated (a) “Musharraf Husain Jafri Scholarships for a student of Diploma in Medical Lab Technology (II year), and (b) “Syed Abdul Karim Scholarships” for a student of Diploma in X-Ray and ECG Technology (II year).
- **“Khwaja Moinuddin Chisti Ajmer (Gharib Nawaz) merit-cum-means Scholarship”** on the basis of essay writing competition on the life and work of Khwaja Gharib Nawaz.
- **Dr. L. M. Singhvi Gold Medallion (or Silver Shield) of accolade**, for the first and Second winners of Essay competition on a subject of topical importance of interfaith dialogue conducted every year. The award will be administered by the Department of Islamic Studies.

At present, 22 scholarships are available in various classes in addition to the Hakeem Abdul Majeed, Hakeem Abdul Hameed and HNF scholarships which have been in existence for quite some time.

STUDENTS' AID FUND

Students' Aid Fund is meant for financial assistance to needy and deserving students. A student whose parents/guardians income is less than Rs. 10,000 per month, is eligible for assistance from this fund. In the year 2004, an amount of Rs. 8,44,000 was distributed among 188 students as financial assistance from this fund.

Faculty-wise award of Students' Aid Fund during 2004 is as follows.

Faculty	No. of students	Total amount (Rs.)
Allied Health Sciences	24	110,000
Management Studies & Information Technology	16	73,000
Medicine (Unani)	19	78,000
Nursing	10	61,000
Islamic Studies	01	4,000
Pharmacy	64	2,30,000
Science	54	2,88,000
TOTAL	115	8,44,000

COLLABORATIONS

Jamia Hamdard has signed/renewed Memoranda of Understanding with the following institutions/organizations during the period under report:

1. **National Physical Laboratory**, New Delhi
2. **Community Law Centre, University of the Western Cape Bellville** (South Africa)
3. **Indian Institute of Chemical Technology**, Hyderabad
4. **Nishat Hospital & Research Centre Pvt. Ltd.**, Lucknow
5. **Life Sciences Laboratories of Defence Research and Development Organisation (DRDO)**, New Delhi.



Prof. Z. Hejnowicz and Prof. W. Wloch of Polish Academy of Sciences with the Vice-Chancellor

6. **Sriram Institute for Industrial Research**, Delhi

7. **Jamia Millia Islamia**, New Delhi

INDUCTION OF EMINENT ACADEMICIANS

The following scientists have been appointed as Adjunct Professor.

1. **Prof. S. M. Alam**, Director & Head, Kailashpat Singhania Institute of Medicine and Post Graduate, Department of Medicine G.S.V.M. Medical College (University of Kanpur), in the Faculty of Allied Health Sciences.
2. **Prof. Jagdeep S. Chhokar**, IIM Ahmedabad in the Faculty of Management Studies & Information Technology.
3. **Prof. Jahar Saha**, IIM Ahmedabad in the Faculty of Management Studies & Information Technology.
4. **Dr. Rakesh Kumar Sharma**, Scientist 'F' & Joint Director, Institute of Nuclear Medicine and Allied Sciences (INMAS), Defence Research & Development Organization, Delhi in the Faculty of Pharmacy.
5. **Prof. Ranjit Biswas**, of the Department of Computer and Information Systems at Philadelphia University, in the Faculty of Management Studies & Information Technology.
6. **Dr. S. Ahmad**, Director, Central Electronics Engineering, Research Institute (CEERI), Pilani, in the Faculty of Management Studies & Information Technology.

STUDENTS' PERFORMANCE

Over the last few years, there has been a spurt in the

performance level of students at the national level examinations. Clearance in GATE examination has been made compulsory for admission to M.Pharm.

- 35 students qualified GATE-2004 examination.
- 15 students qualified NET examination.
- 15 students have qualified G.R.E./TOEFEL examination and got admission in foreign Universities.

CONVOCATION

Special Convocation

Prof. Abdul Waheed Khan, Assistant Director General, UNESCO, Paris was conferred upon Degree of Doctor of Science (Honoris Causa) at a Special Convocation held on June 07, 2005. The degree was conferred upon him in recognition of his contributions to the development and use of information and communication technology (ICT) in education for promotion of knowledge and technical know-how, especially in the developing world. **Mr. I.K. Gujral**, Former Prime Minister of India was the Chief Guest at the occasion. **Mr. Saiyid Hamid**, Chancellor, JH presided over the function. **Mr. Abdul Mueed**, President, HNF graced the occasion.

Annual Convocation

Mr. Arjun Singh, Hon'ble Minister of Human Resource Development, Govt. of India was the Chief Guest at the Annual Convocation Ceremony of Jamia Hamdard held on January 14, 2005. At a dignified ceremony, Jamia Hamdard conferred upon **Dr. Asghar Ali Engineer**, Scholar of Islam, the Degree of Doctor of Literature (Honoris Causa). Winner of the 'Right Livelihood Award 2004. Dr. Engineer has been a source of inspiration to a large number of Indians committed to the cause of security, equity, secularism and progress for all sections of Indian society. **Aryavaidyan PK Warriar**, Managing Trustee of Arya Vaidya Sala Kottakkal was also conferred upon Degree of Doctor of Science (Honoris Causa). Mr. Warriar has played a key role in the revival and revitalization of Ayurveda. More than 59 students were awarded degrees and gold medals for their outstanding achievements in academic. The Vice-Chancellor presented a brief report highlighting the activities, achievements and future plan of the university. **Mr. Saiyid Hamid**, Chancellor, presided over the function. **Mr. Abdul Mueed**, President, HNF graced the occasion.

Special Convocation



The Chancellor welcomes Shri I.K. Gujral, former Prime Minister of India



Prof. A.W. Khan, Assistant DG, UNESCO, receives D.Sc. (Honoris Causa)



Former Prime Minister delivers the special convocation address

Annual Convocation 2005



Dignitaries at the dais



Degree recipients



Aryavaidyan PK Warriar receives D.Sc. (Honoris Causa)



Asghar Ali Engineer receives D.Lit. (Honoris Causa)



*Shri Arjun Singh, Hon'ble Minister for HRD,
Govt. of India, giving away degree*



Ms. Kumud Diwan performs in the Sham-e-Ghazal

Ph.Ds AWARDED

The University continued its emphasis on promotion of research in various departments. Twenty two students (09 in Faculty of Science, 12 in Faculty of Pharmacy and 01 in Faculty of Islamic Studies & Social Sciences) earned Ph.D. degree during the year.

Faculty	Department	Candidate	Supervisor
Science	Medical Elementology & Toxicology	Amir Nazir	K. Kar Choudhuri
		Mallikarjuna G.U.	S. Raisuddin
	Biotechnology	Inayat Saleem Fazli	M.Z. Abdin
		Arshad Jamal	M.Z. Abdin
		Saif Ahmad	M.Z. Abdin
		Nuzhat Khan	M.Z. Abdin
		V. Pooja	S.K. Jain
	Botany	Mohammad Mansoor Ansari	Javed Ahmad
	Biochemistry	M. Mohamed Ameen	M.A. Baig
Pharmacy	Pharmaceutical Chemistry	Shikha Kumar	Mohd. Amir
		Pushpesh Kuamr Mishra	S.A. Khan
	Pharmacognosy & Phytochemistry	Shamim Ahmad	S.H. Ansari
		Setareh Asmari Saad Abad	Rasheeduz Zafar
		Raad Afram Baho Kaskoos	Mohd. Ali
	Pharmaceutics	Rinku Khurana	R.K. Khar
		Naseem Ahmad Charoo	Kanchan Kohli
		Komal Raina	Mushir Ali
		Md. Ajmal Shareef	R.K. Khar
	Pharmaceutical Medicine	Tausif Ahmed	P.L. Sharma
		Dasari Mallikarjuna Rao	P.L. Sharma
	Pharmacology	Syed Ayaz Ali	K.K. Pillai
	Islamic Studies & Social Science	Federal Studies	Col. Purna Chandra Patnaik

Gold Medals

Twenty Four students received Gold Medals for standing FIRST in the order of merit in different programmes of study:

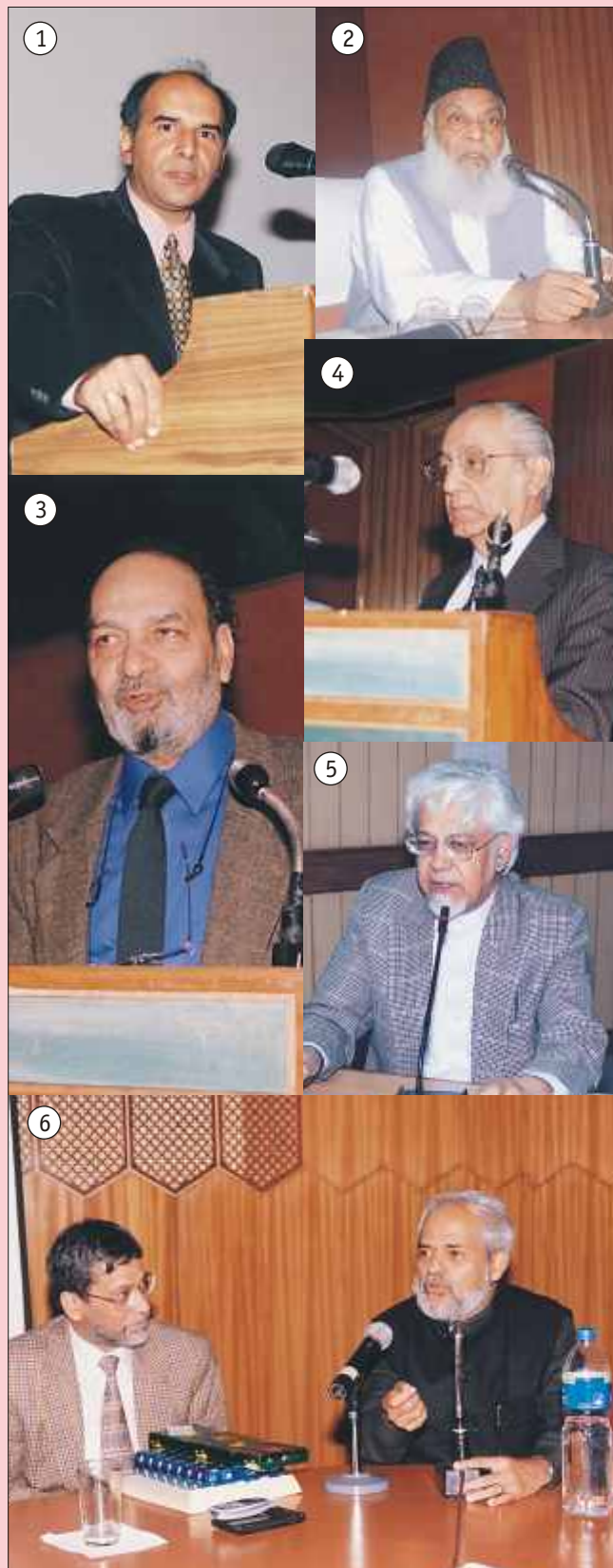
LIST OF GOLD MEDALISTS

Class	Name of Student
B.Sc. Nursing	Tenzin Dechen
B.U.M.S.	Tahmina Mushtaq Haqani
B.Pharm.	Nitin Dixit
M.Pharm. (Pharmaceutics)	Rachna Rastogi
M.Pharm. (Pharmacology)	Muzaffar Iqbal
M.Pharm. (Pharmacognosy & Phytochemistry)	Madhurima
M.Pharm. (Pharmaceutical Chemistry)	Ozair Alam
M.Pharm. (Pharmacy Practice)	Himanshu Sharma
M.Pharm. (Quality Assurance)	Yashomati Dua
M.Sc. (Biochemistry)	Sameer Mirza
M.Sc. (Biotechnology)	Richa Tyagi
M.Sc. (Environmental Botany)	Shilpi Kilam
M.Sc. (Toxicology)	Heena Kausar
M.Sc. (Chemistry)	Yahya Noordean
M.B.A.	Mani Shrestha
M.C.A.	Girish Chhabra
B.I.T.	Roopak Roy
B.C.A.	Nazia Ahmad
M.P.Th. (Cardiopulmonary)	Altaf Hussain Mir
M.P.Th. (Osteomyology)	Deepak Grover
M.P.Th. (Sports Medicine)	Fakhre Ibrahim
M.P.Th. (Neurology)	Thanooja M.R.
M.O.Th. (Orthopaedics)	Vijay Batra
M.O.Th. (Paediatrics)	Gitajyoti Ojha

VALUE EDUCATION LECTURE SERIES

With a view to inculcate large hearted tolerance, spirit of accommodation and concern for social issues among the students, the university decided to introduce value education as a part of the academic life in the university. The university organized lectures of eminent people for students of all faculties. The Department of Islamic Studies has been entrusted with the task of organizing these lectures at regular intervals. The following lectures were organized under the Value Education Lecture Series:

- **Current Situation in West Asia** by Dr. Wael S. H. Awwad, Chief Bureau (South Asia), Al-Arabia Television (Dubai), President (South Asia Correspondents' club) (October 7, 2004).
- **Qur'an and World Peace** by Dr. Asrar Ahmad (Pakistan) a renowned Islamic Scholar, (November 23, 2004).
- **Religion for Social Justice** by Swami Agnivesh Ji, a renowned spiritual leader (November 24, 2004).
- **Traditional Education & Reform in South Asia** by Professor Jamal Malik, Erfurt University, Germany (December 9, 2004).
- **Ferment in Muslim Thinking** by Mr. A.G. Noorani, an advocate of Supreme Court of India and a leading Constitutional expert (January 15, 2005).
- **Media and the New World Order** by Mr. Saeed Naqvi, a noted journalists (January 25, 2005).
- **Spiritual Agenda of Religion** by Rev. Valson Thampu, an Indian Christian theologian, an academician and a member of National Commission for Minority Educational Institutions (February 04, 2005).
- **Current Situation in West Asia** by Mr. Praful Bidwai, noted journalist, political activist and a former senior editor of The Times of India (February 24, 2005).
- **Influence of TV in Society Particularly on Children** by Professor Alay Ahmad, Head, Department of Applied Psychology, Pakistan (February 25, 2005).
- **Way Ahead for Muslims** by Mr. Abidullah Ghazi, Director, Iqra Foundation, USA, Islamic scholar (March 1, 2005)



(1) Prof. Jamal Malik (2) Dr. Asrar Ahmad (3) Mr. Saeed Naqvi (4) Mr. A.G. Noorani (5) Mr. Abidullah Ghazi (6) Rev. Valson Thampu

VISITS ABROAD BY THE FACULTY

Faculty member of the university visited several countries for academic purposes during this year.

- **Prof. M. Iqbal** was an invited speaker at International Conference on *Actual Problems of Botany and Plant Physiology*, Saransk, Russia (April, 2004). He also visited the Faculty of Ethnology and Education, Silesian University, Cieszyn, Poland and delivered a lecture on 'Education in India' (May, 2004)
- **Dr. Vidhu Aeri**, Faculty of Pharmacy, participated in a symposium on *Future Trends in Phytochemistry*, Gargnano, Italy and delivered a lecture on 'Effect of Media and Development Stages of Artemisinin in Cultures of *Artemisia annua* Linn. (May, 2004)
- **Prof. Akhtar Majeed**, Faculty of Islamic Studies and Social Sciences, visited the Sri Lanka Foundation Institute, Colombo and delivered a lecture on 'What Makes India's Democracy Tick' (June, 2004). He also participated in the International Conference on *Decentralized Governance* held at Community Law Centre, University of Western Cape, Cape Town, South Africa (September, 2004)
- **Prof. R.K. Khar, Dr. Farhan Jalees Ahmad and Dr. Javed Ali**, Faculty of Pharmacy, participated in the 31st International Symposium of Controlled Release Society, Honolulu, Hawaii, USA (June, 2004)
- **Prof. A.Q. Ansari**, Faculty of Management Studies and Information Technology, participated in the International Conference on Computers, Athens, Greece (July, 2004)
- **Dr. Ajay K. Singh**, Centre for Federal Studies attended Summer School at the Institute of Federalism, University of Fribourg, Switzerland (August, 2004)
- **Dr. M.Z. Abdin**, Faculty of Science, participated in the 3rd International Conference on Natural Products and Bio-Expo-2004, Nanjing, PR China and delivered a lecture on "*Enhancing Bioactive Molecules in Medicinal Plants through Physiochemical and Biotechnological Approaches*" (October, 2004).



Delegation from Middlesex University, UK

VISITORS TO JAMIA HAMDARD

The university received a large number of dignitaries and eminent educationists during the period under report. Some of them are as under:

- **Dr. Abdullah Bahrami**, Deputy Minister, Health and Medical Education for Traditional and Complementary Medicine and Vice Chancellor, Mashad University of Medical Sciences, Iran and his delegation. (March.04)
- **Prof Cripus Makau Kiamba**, Vice Chancellor, University of Nairobi, Kenya (May 2004).
- **Dr. Ahmad Shaabani**, Prof, Organic Chemistry and Dean, Faculty of Science, Shahid Beheshti University, Iran (...)
- A team of Iranian scientists led by **Dr. Ali Reza Fakhari Zavareh**, Dean, Medicinal Plants Research



Vice-Chancellors of JNU and IGNOU



Prof. G. Mehta, FRS with Mr. Siraj Hussain, former Vice-Chancellor and Mrs. Latha Pillai, Adviser, NAAC

Institute and accompanied by **Dr. M. Kafi**, Counsellor for Science, Technology and Education, Embassy of the Islamic republic of Iran, New Delhi (June 2004);

- **Prof Abdul Aziz**, Associate Professor, University of Charleston, USA (July 2004)
- **Prof. David Brown**, Middlesex University, UK (July-04).
- **Prof. Margaret House**, Pro-vice Chancellor and Dean, Faculty of Social Sciences, Middlesex University (20 Sept.04). Mr. Wong Kan Seng, Minister of Home Affairs, Govt. of the Republic of Singapore (November 2004).
- Delegation from **Yunnan Baiyao**, Yunnan Province, China to look into the facilities and expertise in the field of Unani Medicine and therapy (November 2004).



Prof. Muhammad Iqbal receives Archana Gold Medal - 2004 from Prof. S.A. Suryavanshi, Vice Chancellor, SRTM University Nanded

FACULTY HONOURS

- **Prof. Akhtar Majeed** of the Centre for Federal Studies was appointed by the Government of India (March 2005) as a Member of the High Level Committee to prepare a Report on the Social, Economic and Educational Status of the Muslim Community of India
- **Prof. M. Iqbal** of the Department of Botany was honored with the Archana Medal Award (2004) by the Academy of Environmental Biology
- **Prof. Suroor A. Khan** of the Department of Pharmaceutical Chemistry was appointed as Member, American Association for Advancement of Science
- **Dr. M. Z. Abdin** of the Department of Biotechnology was **conferred** following awards
- **Senior Award for the year-2004** by the Academy for Advancement of Agricultural Sciences, Indian Agricultural Research Institute, New Delhi.,
- **Conferred Young Scientist Award** by the Mustard Research and Promotion Consortium (MRPC), New Delhi.,
- **Conferred Distinguished Scientist of the Year 2004 Award** by the National Environmental Science Academy (NESA), New Delhi.,
- **Dr. Javed Ali** of the Department of Pharmaceutics was Awarded prestigious **BOYSCAST FELLOWSHIP** (Better Opportunities for Young Scientists in Chosen Areas of Science & Technology) programme of Department of Science and Technology, Govt. of India for conducting advanced research in the area of Drug Delivery Systems at Institute for Pharmaceutical Technology, Biocenter-Johann Wolfgang Goethe University, Germany and **APTI-Young Pharmacy Teacher of the year Award 2004** by Association of Pharmacy Teachers of India
- **Dr. Altaf Ahmad** of the Department of Botany was elected as **Associate (Young Fellow)** of the National Academy of Agricultural Sciences
- **Dr. Farhan Jalees Ahmad** of the Department of Pharmaceutics was awarded "**Scientist of the year award-2005**" by National Environment Science Academy

EXTRA-CURRICULAR PROGRAMMES



To boost the motivational level to ensure healthy living and to inculcate among the students a spirit of camaraderie Jamia Hamdard organizes various extra-curricular and co-curricular activities for its students, and staff. Major highlights of such activities during the period under review are given below:

SEMINARS/WORKSHOPS

- The Fifth Death Anniversary of the Founder, Jamia Hamdard, Janab Hakeem Abdul Hameed Saheb was observed on July 22, 2004. Qur'an Khwani (Reading of the Holy Qur'an) was arranged at Rabia Mosque. The Fifth Hakeem Abdul Hameed Memorial Islamic Quiz Competition was organized in which 25 schools of Delhi participated. Teams from Shafiq Memorial Senior Secondary School, Baada Hindu Rao, Madarsatul Banat Islamia, Jamia Nagar and Jamia Senior Secondary School, Jamia Nagar, stood first, second and third respectively. **Maulana Yusuf Islani**, President, Jame-ut-Swalehat, Rampur was the chief guest.
- A NAAC Centenary lecture was organized on August 13, 2004. **Prof. G. Mehta**, Director, Indian Institute of Science (IIS), Bangalore spoke on *Transition to Knowledge Society: What Universities Can and Must Do*.
- 'LINUX' Workshop cum training programme was organized by Department of Computer Science (August 21, 2004)
- Brainstorming Session on 'Quality Issues in Open and Distance Education', was organized by Directorate of Open and Distance Learning (August 25, 2004).
- *Biomarkers of Ecotoxicity, Cancer, Monitoring and Prevention*, Indo-UK Seminar was organized by Department of Medical Elementology and Toxicology (August 29, 2004)
- **Founder's Day** was celebrated with the Fifth Hakeem Abdul Hameed Memorial Lecture on 'Islamic Heritage in the Contemporary Dialogue Among Civilizations' by **Dr. L.M. Singhvi** (September 17, 2004).
- *Enhancing the Role of Midwives in Reducing Maternal Mortality Rate*, workshop organized by Faculty of Nursing and Society of Midwives, Delhi Chapter (September 18, 2004)
- *Installation Function of JH Employees Union* was organized in October 2004. **Mr. D. Raja**, National Secretary, Communist Part of India addressed the gathering.
- *Minorities' Rights Day* was observed on December 18, 2004. **Dr. Rafiq Zakaria** was conferred upon the 'National Integration Award 2004' by **Mr.**

Tirlochan Singh, Chairman, National Minority Commission.

- The American Federation of Muslims of Indian Origin (AFMI) held its 13th Annual Convention on Education and Award Ceremony at Jamia Hamdard (Dec. 25-26, 2004). Dr. A.R. Kidwai, Governor, was the Chief Guest. AFMI's Sir Syed Award for Excellence in Education was awarded to Prof. Sheikh Ali, Mysore for promoting education by building new educational institutions and universities.
- Strengthening Midwifery Towards Positive Maternal Health Outcome' 3rd National Conference of Society of Midwives (India) was organized by Faculty of Nursing and Society of Midwives (India), Delhi Chapter (January 9-11, 2005)
- Applications of Modern Analytical Techniques in Chemical and Biological Sciences' a one-day seminar was organized by Department of Chemistry and Indian Association of Analytical Scientists (IAAS), Delhi Chapter (February 9, 2005)
- *Molecular Modelling and Docking Studies* a one-day workshop was jointly organized by Department of Pharmaceutical Chemistry and Scube Scientific Solutions Pvt. Ltd., New Delhi (January 05, 2005). The department also organized a two-day workshop on 'WSAR Technologies in Drug Design' in collaboration with Accelrys Ltd., Bangalore (February 17-18, 2005).

CULTURAL AND LITERARY ACTIVITIES

- The 100th Birth Anniversary of K.L. Saigal, the Legendary Singer was celebrated by screening 'Shahjahan' (April, 2004)
- The 100th Birth Anniversary of Albert Einstein was celebrated by a solo play, Einstein by Pierrot's Troupe (May, 2004). Mr. Sanjeev Vat acted as Einstein.
- An interfaculty debate competition was also organized in Urdu, Hindi and English. **Ms. Brinda Karat**, General Secretary, All India Democratic Women Association was chief guest (September, 17, 2004).
- *Painful Deceptions* a film on the conspiracy of 9/11 by **Mr. Hufschmid** was screened under Value Education Series (September, 2004)



(1) Dr. L.M. Singhvi
 (2) Maulana Yusuf Islahi
 (3) Mr. D. Raja, National Secretary, Communist Part of India
 (4) A Foreign Scientist receives at Gift from the former VC
 (5) Installation of Jamia Hamdard Employee Union: Office bearers with the then Vice-Chancellor and the Finance Officer



Mr. Tirlochan Singh, Chairman, National Minority Commission, giving away the National Integration Award 2005 to Dr. Rafiq Zakaria



Ms. Brinda Karat, a renowned woman activist giving away prize for inter-faculty debate competition

- SPICMACAY: Jamia Hamdard strongly believes in upholding the cultural heritage of the country. One such effort was to associate with SPICMACAY (The Society for the Promotion of Indian Classical Music and Culture Amongst Youth), Delhi Chapter. Under the SPICMACAY series of activities, a Bazm-e-Qawwali by famous Nizami Brothers enthralled the audience (October 7, 2004).
- Sports/Literary/Cultural Week was celebrated in the first week of October 2004. Various outdoor and indoor games were organized. The creativity of the students was spectacular in competitions like limericks, extempore debate, point counter point, quiz, bait-bazi, rangoli, dumb-charades, street plays. **MOSAIC 2004** was a fine display of events like ghazals, solo songs, cacophony, mimicry, skit



Celebration of 100th Birth Anniversary of Albert Einstein



Bazm-e-Qawwali by Nizami brothers



A foreign folk song



Dr. A.R. Kidwai, Hon'ble Governor of Haryana with the Chancellor of Jamia Hamdard in AFMI function

and fancy dress competitions. Prof. Ved Prakash, Secretary, UGC, was Chief Guest.

- **Waqt Hamara Hai:** SAB-TV Programme Waqt Hamara Hai, hosted by Ms Manpreet Brar, was shot at Jamia Hamdard campus on October 13, 2004. It was an interactive discussion between students and the panelists on 'Suicide is in Increase in the Air: Do we have the Moral Right to Commit Suicide?'
- Minorities' Rights Day was observed on December 18, 2004. Dr. Rafiq Zakaria was conferred upon the 'National Integration Award 2004' by Mr. Tirlochan Singh, Chairman, National Minority Commission.
- Lamp Lighting Ceremony was organized in the Faculty of Nursing. **Major General Usha Sikdar**, Additional Director General, Military Nursing was the Chief Guest, **Ms. Sunita Godara**, Director, Health Fitness Society was the Guest of Honour (February 2005).
- An International Culture festival, **RENDEZVOUS 2005** was celebrated on January 28, 2005. **Mr. E Ahmed**, Minister of State for External Affairs, Govt. of India, was the Chief Guest. Ambassadors of more than 20 countries graced the function. More than 125 students from 25 countries presented cultural songs and dances of their respective countries.
- NERDZ 2005, an IT festival was organized by the Department of Computer Science. Mr. Satsh Koshal, head, Delivery Center, TCS inaugurated the festival on February 12, 2005. Mr. Said Ahmad, President, Xavient Technologies was the Guests of Honour. Several universities including JNU, AMU, DU and JMI also participated in this programme. **Mr. BS Baswan**, Secretary, Higher Education, Ministry of Human Resource Development was the Chief Guest at the prize distribution ceremony. Hasya Kavi Sammelan was also organized on this occasion. Dr. Ashok Chakrhar and his team enthralled the audience.

NATIONAL SERVICE SCHEME

- Volunteers of National Service Scheme of the university actively participated in various community services. Some of the important activities are mentioned below:
- NSS Jamia Hamdard organized special camps on May 13-22, 2004 and January 29, 2005 in the Sangam Vihar area of South Delhi to educate the

MOSAIC 2004



Dr. Ved Prakash, Secretary, UGC, speaks in prize distribution ceremony



Dr. Ved Prakash, Secretary, UGC, giving away prizes



Mr. Satish Koshal, Head, Delivery Centre, TCS, and Mr. Siraj Hussain, the then Vice-Chancellor



Mr. E. Ahmad, Hon'ble Minister of State for External Affairs, Govt. of India



Mr. B.S. Baswan, Secretary, Higher Education, Ministry of HRD (Govt. of India) giving away prizes



Mr. Jyoti Swarap Pandey, a renowned vocalist and India's Ambassador to Azerbaijan sings a ghazal

residents about prevention of HIV/AIDS, sexually transmitted diseases and water borne diseases.

- **HEALTH AWARENESS PROGRAMMES:** A series of health awareness programmes has been started. The first programme was held on 23rd October, 2004 to educate the residents about Vaccination of Polio, HepatitisB, DPT, Typhoid and HIV/AIDS.
- **RALLY ON WORLD AIDS DAY:** A rally on AIDS Awareness on December 01, 2005 was organized to celebrate "World Aids Day". One hundred students from different faculties participated in this rally. The rally was flagged off by Dr. (Mrs.) Kiran Kucharia, Head, Department of Anatomy, AIIMS, New Delhi.
- NSS volunteers took part in the celebrations of "World Disabled Day" organized by National Centre For Promotion Of Employment for Disabled People on 3/12/2004 at India Gate. It was inaugurated by Mrs. Sheila Dixit, Chief Minister of the NCT of Delhi. **Mr. Mani Shanker Iyer**, Union Petroleum Minister also graced the occasion.
- **MOTIVATION CAMP:** One day camp was organized on January 08, 2005 for motivating people to participate in the pulse polio campaign at Sangam Vihar so that maximum children may be immunized against polio infection.
- A blood donation camp was organized by NSS Jamia Hamdard in collaboration with Delhi AIDS Control Society on February 14, 2005. It was inaugurated by Ms Vandana Jaina, Joint Secretary, Ministry of Sports & Yough Affairs, Govt. of India.

NCC PROGRAMMES

The NCC cadets of the university actively participated in various programmes during the period under report:

- NCC cadets participated in the combined annual training camp at Navyug School, Sarojini Nagar, New Delhi, Jahanda Salami on Independence Day Celebration, Disaster Training Workshop at IIT, Delhi, RDE cum CATC camp at Safdarjung Enclave, New Delhi, NIC (Cultural) Programme at Raipur (Chattisgar), ALC camp at Panagarh (West Bengal), NCC Annual Function, Pulse Polio Programme at Sangam Vihar, New Delhi.
- NCC, Jamia Hamdard celebrated its Annual day on December 21, 2004. Prof. Akhtarul Wasey, Dean,



Prof. Akhtarul Wasey of Jamia Millia Islamia decorates a cadet with certificate 'B'



NCC cadets of Jamia Hamdard



Blood donation by Jamia Hamdard students



Health Run

Faculty of Humanities and Languages, Jamia Millia Islamia, was the Chief Guest. Lt. SK Tehlan, Commanding Officer, 7th Delhi Battalion was the

Guest of Honour. 30 cadets were awarded Certificate 'B'.

TEACHING AND RESEARCH



Jamia Hamdard comprises of seven faculties having 24 departments. At present, there are total 2704 students and 169 teachers in these faculties. The details of teaching, research, other responsibilities and the achievements of teachers are mentioned in this section.



Faculty of Allied Health Sciences

The Faculty of Allied Health Sciences was established in the year 2002 for imparting teaching, training and providing health care services to patients. Presently this faculty has two departments. The Department of Rehabilitation Sciences and the Department of Paramedical Sciences.

The Department of Rehabilitation Sciences offers a two years Master's Course in four specialties of Physiotherapy and two specialties of Occupational Therapy as well as a four and a half year Bachelor course each in Physiotherapy and Occupational Therapy along with a one year Bridge course in Physiotherapy & Occupational Therapy.

The Department of Paramedical Sciences offers a four year Bachelor's course B.Sc. (Optometric Practices) at Venu Eye Hospital and Diploma courses in Medical Laboratory Technologies, X-ray and ECG Technology, Operation Theatre Techniques and Diploma in Dialysis Technology. Dip. X-Ray & ECG Technology, Diploma O.T. Techniques in Distance learning programmes are also offered at Nishat Hospital, Lucknow.

To provide patient care services the department has a fully air conditioned Rehabilitation Centre in 5,541 sq. ft. area at Majeedia Hospital and standardized state of art equipments.

DEPARTMENT OF REHABILITATION SCIENCES

Head: Prof. M. Farooque

This department has nine teachers and four non-teaching employees.

The Department of Rehabilitation Sciences has teaching, clinical and research service facilities. It offers both, undergraduate and postgraduate courses in Physiotherapy and Occupational Therapy. In fact, it is the oldest institute offering Post Graduate programs in Occupational Therapy and Physiotherapy in New Delhi.

Many of the passout students have found jobs in several Government and Private hospitals including AIIMS, G.B. Pant, Apollo Hospitals. Students have also obtained jobs abroad. Many Students are pursuing their Ph.D programmes abroad.

Dean

Prof. M. Farooque



Departments

DEPARTMENT OF REHABILITATION SCIENCES

DEPARTMENT OF PARA MEDICAL SCIENCES

A total number of 5 batches of Master of Physiotherapy and 3 batches of Master of Occupational Therapy students have successfully completed their Master's program. The total number of students in the current academic year for under graduate and post graduate courses is 226.

To provide quality healthcare services to patients, a modern state of the art Rehabilitation Centre has been set up at Majeedia Hospital with Mr. D.R. Belsare as its Officer Incharge, a very Senior and experienced person retired as Chief Physiotherapist from Department of Orthopaedics, AIIMS. The centre offers both Occupational Therapy and Physiotherapy services in a wide range of conditions and aims to serve the patients of all disciplines with a holistic approach.

During this period a total number of 6575 patients have been treated, fetching an amount of Rs. 3,53,290.00.

MOUs And Collaborations

The Department has maintained links with the AIIMS, L.N. Hospital, G.B. Pant Hospital, St. Stephens Hospital, Jawaharlal Nehru Stadium, Amarjyoti, Leprosy Mission, Noida College of Physical Education, Noida, Sirifort Sports Complex, VIMHANS, 4 Steps Schools, UDAAN, DLTA. Student are sent to these hospital for training.

Seminars/Lectures organised by the Department

The Department organised following guest lectures and seminars:

- *"NDT Approach to Paediatric Patients"* by Mr. Chandra Shekhar, Paediatric Physiotherapist U.K. (August 10, 2004)
- *Role of Physiotherapy in Wheel Chair Tennis* by representatives of International Tennis Federation, Mr John Noakes (International Tennis Coach) & Mr Jayant Mistry, British National & World's No. 4 Wheel Chair Tennis Player (December 14, 2004)
- *Mukul approach to Aanapanasati Yoga The Yoga of Awareness of Breath* by Dr Mukul N. Vyas, MD MRCP London (January 19, 2005)
- *Essentials of Anatomy* by Prof. Mahdi Hasan, former Dean, Professor & HOD Anatomy, J.N. Medical College, Aligarh & Member of Executive Council, Jamia Hamdard (February 2005)
- *Teaching Practices and Evaluation Procedures in Difference European Institutions* by Dr Klaus Steltmann, Professor of Education, University of Bonn, Germany (March 10, 2005).

V.I.P.'s Visits to the Department

- **Dr. A.R. Kidwai**, Governor, Haryana (November 2004)
- **Janab Abdul Mueed**, Mr. S. Ausaf Ali, Qazi Irshad Sahib and other officials visited the New Building of Faculty of Allied Health Sciences (February 2005)



Inspection team with Prof. M. Farooque and faculty members

- **Prof. P.K. Dave**, former Director, AIIMS visited the New Building of Faculty of Allied Health Sciences (November 2004)
- **Dr. S.S. Yadav**, Director, PGI, Rohtak (February 2005)
- **Prof. Mahdi Hasan** visited the New Building of Faculty of Allied Health Sciences (February 2005)
- **Mr. A. Hoda**, Member, Planning Commission (March 2005)

Other Information

Inspection of the Department of Rehabilitation Sciences was done by the following teams of experts during this year:

- **Mrs. I.R. Kenkre**, HOD, Occupational Therapy School & Centre, Seth G. S. Medical College, Mumbai & Mrs J. Bijlani, Associate Professor, Seth G.S. Medical College, Mubai for All India Occupational Therapists Association on March 2-3, 2005 for O.T. under graduate courses.
- **Mrs. Sujata Malik**, Consultant, Sir Ganga Ram Hospital, Mrs. Prabha Khanna, Chief Occupational Therapist, LJJP Hospital and Mrs. Asha Goyal, Registrar, Delhi Council O.T.P.T. on March 9, 2005 for O.T. courses.
- **Dr. Dinesh Sharma**, Vice President DCOTPT & Dr. Prabhakar, HOD PT, IPH, New Delhi from Delhi Council OT PT on March 23, 2005 for under-graduate PT courses.
- Successful completion of the Construction work of the Building of Allied Health Sciences as well as its furnishing and was instrumental in getting recommendation & financial support of Rs. 1 crore from A.R. Kidwai Hon'ble, Member of Parliament, Hon'ble Governor of Haryana to equip the faculty labs and Rehabilitation Centre.

Students' Activities and Performance

- The undergraduate and post graduate students of Occupational Therapy attended the 42nd Annual Occupational Therapy Conference at Hyderabad (March 2005).
- Gold medals were awarded to Gita Jyoti Ojha in Paediatrics, Vijay Batra in Orthopaedics, Altaf Hussain Mir in Cardiopulmonary, Thanooja M.R. in Neurology, Deepak Grover in Osteomyology and Fakhre Ibrahim in Sports Medicine

TEACHERS' PROFILES

1. M. FAROOQUE, M.S. (Ortho), PROFESSOR

Class Teaching: B.O.Th., B.P.Th., M.O.Th. & M.P.Th.

Conference/Seminar/Symposium/Workshop Attended:

- 49th Annual Conference of the Indian Orthopaedic Association, Jaypee Palace Hotel, Agra (October, 2004)

- 1st National Conference of Biomechaics, IIT, New Delhi (November 18-19, 2004).
- Annual Conference of Delhi Orthopaedic Association, AIIMS, New Delhi (November, 2004)

Academic/Advisory Engagements:

- Member, Executive Council, Academic Council, Standing Committee and Building Committee of Jamia Hamdard.
- Chairman, Board of Studies, Department of Rehabilitation Sciences and Para Medical Sciences as well as Rehabilitation Centre of Majeedia Hospital

Academic Honours/Distinctions:

- Chairman, Advisory Committee, Instructional course lectures of Indian Orthopaedic Association
- Member, Steering Committee of the National Conference on Biomechanics 2004 at IIT, Delhi
- Advisor to Haryana Saket Council, Chandimandir
- Advisor to Dr S.S. Yadav Ram Bhagwan Charitable Institute of Cancer Management and Research Mirpur Rewari

Extra-Curricular Activities:

- Life Member, Indian Orthopaedic Association, British Orthopaedic Association & Australian Orthopaedic Association.

2. HARINDER KUMAR, M.B.B.S., M.D., READER

Class Teaching: B.P.Th. & B.O.Th, B.Sc. Nursing, Bridge Course (Physiotherapy), M.P.Th.



Publication:

- Abstract of conference paper: One

Conference/Seminar/Symposium/Workshop Attended:

- National Conference on Clinical Research "Challenges and Opportunities in India, INSA, New Delhi (November 26-27, 2004)
- International Conference on Unani Medicine, organised by CCRUM, New Delhi (February 8-11, 2005)

Administrative/Advisory Engagements:

- Member, Board of Studies, Jamia Hamdard

Extra-Curricular Activities:

- Member, Indian Pharmacological Society
- Member, Indian Hospital Pharmacy Association



Prof. M Farooque and faculty members with Dr. S.S. Yadav, Director, Ram Bhagwan Charitable Trust, Mirpur and Prof. PK Dave, former Director, AIIMS



Quantification laboratory

- Member, Indian Medical Association

3. ONA PRANAV DESAI, M.O.Th., READER

Class Teaching: B.O.Th., M.O.Th.

Research Guidance: 07 B.O.Th., M.O.Th. Dissertations completed; 03 B.O.Th., M.O.Th. in progress

Conferences/Seminar/Symposium/Workshop Attended:

- 42nd Annual National Conference of All India Occupational Therapy Association, Hyderabad (March, 2005)

Academic Honours/Distinctions:

- Invited to conduct the CME on Industrial Rehabilitation at the 42nd AIOTA Annual National Conference, Hyderabad (March, 2005)
- Judge and co-chairperson at the 42nd AIOTA Annual National Conference, Hyderabad (March, 2005)

Academic/Advisory Engagements:

- Member, Board of Studies, Jamia Hamdard
- Member of Inspection Committee (NAAC), Jamia Hamdard
- Member, Academic Council, Jamia Hamdard
- Coordinated AIOTA and Delhi Council PT/OT for undergraduate courses of OT

Extra-Curricular Activities:

- Life Member, All India Occupational Therapy Association

4. D.R. BELSARE, IN-CHARGE, REHABILITATION CENTRE

Class Teaching: B.P.Th.

Research Guidance: 04 Dissertation of Bridge Course (Physiotherapy)
08 M.P.Th. students

5. LEENA DHAWAN, B.Sc. (P.T.), P.G.D.R. (P.T.), M.S. (P.T.), LECTURER

Class Teaching: B.P.Th., M.P.Th.

Research Guidance: 05 B.P.Th., M.P.Th. Dissertations completed, 10 B.P.Th., M.P.Th. Dissertations in progress

Conference/Seminar/Symposium/Workshop Attended:

- Interweaving Reasoning and Reflection into Advanced Practice, organised by Amar Jyoti Institute of Physiotherapy, New Delhi (October 2004)

Administrative/Advisory Engagements:

- Member, Academic Council, Jamia Hamdard
- Member, Board of Studies, Jamia Hamdard

Extra-Curricular Activities:

- Life Member, Indian Association of Physiotherapists

6. K. GOKULAKANNAN, M.P.Th., LECTURER

Class teaching: B.P.Th., M.P.Th.

Research Guidance: 07 M.P.Th.

Publications:

- Abstracts of conference papers: Three

Conferences/Seminar/Symposium/Workshop Attended:

- 2nd Nepal Physiotherapy Conference NEPTACON 2004, Kathmandu, Nepal (October 8-9, 2004)
- 1st National Conference of Biomechanics, IIT, New Delhi (November 18-19, 2004).
- 43rd National Annual conference of IAP, Hyderabad (January 21-23, 2005)

Extra-Curricular Activities:

- Provided Physiotherapy services in Davis Cup Tournament in R.K. Khanna Stadium

7. JAFAR SADIQ, M.S. (P.T.), LECTURER

Class Teaching: B.P.Th., M.P.Th.

Research Guidance: 01 M.P.Th. completed; 04 M.P.Th. & 07 B.P.Th. in progress

Publications:

- Abstracts of conference papers: Two

Conferences/Seminar/Symposium/Workshop Attended:

- 2nd Nepal Physiotherapy Conference, NEPTACON 2004, Kathmandu, Nepal (October 8-9, 2004)
- 1st Nationals Biomechanics Conference, IIT, Delhi (November 18-19, 2004)
- 21st Appreciation Course in Parliamentary Processes and

Procedures (January 31 to February 4, 2005)

Administrative/Advisory Engagements:

- Member, Career Counselling Committee
- Member, Sports Committee, Jamia Hamdard
- Officer-in-Charge (Physiotherapy) for Ward Patients in Majeedia Hospital

Extra-Curricular Activities:

- Life Member, Indian Association of Physiotherapist

8. RUCHI NAGAR, M.O.Th., LECTURER

Class Teaching: B.O.Th., M.O.Th., Bridge Course (OT)

Research Guidance: 05 M.O.Th. dissertations completed; 04 M.P.Th. in progress

Publication:

- Nagar, R. & Sehgal S. (2004). To construct a reliable & valid Patient Administered photographic Questionnaire to determine the efficacy to patient of Rheumatoid Arthritis. Indian J. Occupational Therapy XXXVI(1): 3-10.

Conferences/Seminar/Symposium/Workshop Attended:

- VI National Seminar on Medico-Legal System & Hospital/Health Care Management, Pune (April 30, 2004)

Administrative/Advisory Engagements:

- Member, Academic Council, Jamia Hamdard
- Member, Board of Studies, Department of Rehabilitation Science

Academic Honours/Distinctions:

- Post graduate Diploma in Hospital & Health Care Management in May 2004

Extra-Curricular Activities:

- Life Member, All India Occupational Therapy Association
- Member, Delhi Council of Physiotherapy and Occupational Therapy, Delhi

9. SHAMIM KABIR, M.O.Th, TEACHING ASSISTANT

Class Teaching: B.O.Th., M.O.Th.

Research Guidance: 08 B.O.Th. dissertations completed; 03 M.P.Th. in progress

Conferences/Seminar/Symposium/Workshop Attended:

- Workshop on Positive Psychotherapy, Amity Institute Of



A patient on the Tilt table

Behavioral Sciences and the WiesBaden Institute of Psychotherapy (Germany), New Delhi (May, 2004)

- Seminar on Percutaneous laser Disc Compression, Indian Spinal Cord Injury Centre, New Delhi (July 2004)
- Workshop on Sensory Integration Therapy and Consultation on Sensory Issues at the India International Centre, New Delhi.
- Interweaving Reasoning and Reflection into Advanced Practice, Amar Jyoti Institute, New Delhi (October 2004)

Administrative/Advisory Engagements:

- Member, KOTAA (KMCH Occupational Therapy Alumni Association)
- Member, Occupational Therapy Selection Committee, Institute of Technology, Faridabad

Academic Honours/Distinctions:

- Selected on the panel of external examiners, Delhi Institute of Rural Development.

DEPARTMENT OF PARA MEDICAL SCIENCES

Head: Prof. P.K. Pillai

It runs four diploma courses namely Diploma in Medical Lab Techniques, Diploma in X-ray & E.C.G. Techniques, Diploma in Operation Theatre Techniques and Diploma in Dialysis Techniques.

Seminar organized:

- One day CME on Dialysis Techniques, Jamia Hamdard (December 19, 2004)

TEACHERS' PROFILES

1. P.K. PILLAI, M.D. (Microbiology), PROFESSOR

Class Teaching: D.M.L.T, D-X ray & ECG, D.O.T.T. & D.D.T.

Conferences/Seminar/Symposium/Workshop Attended:

- IAMM (Indian Association of Medical Microbiologist), Delhi Chapter of AIIMS, New Delhi (April 12, 2004)
- IAMM Delhi Chapter at LHMC, New Delhi (April 17, 2004)
- IAMM Delhi Chapter at Ganga Ram Hospital, New Delhi (September 17, 2004)

Administrative/Advisory Engagements:

- Course Director, DMLT
- Head, Department of Para Medical Sciences

2. S.N. KAUL, M.D. (Radiography), CONSULTANT

Class Teaching: ECG and X-ray Techniques Course

Conferences/Seminar/Symposium/Workshop Attended:

- Annual Conference of Indian Radiological and Imaging Association at Agra (January 22-25, 2005)

Administrative/Advisory Engagements:

- Head, Department of Radiology, Majeedia Hospital

3. RAJNI MEHRA, CONSULTANT

Class Teaching: Diploma in Operation Theatre Technique

Conferences/Seminar/Symposium/Workshop Attended:

- Critical Care, Delhi (September 25-26, 2004)

Administrative/Advisory Engagements:

- Course Director, Diploma in Operation Theatre Technique
- Head, Department of Anaesthesia

4. ANWAR HABIB, M.D. (Medicine), CONSULTANT

Class Teaching: B.O.Th., B.P.Th., Diploma in X-ray and ECG, Diploma in Dialysis Techniques

Research Guidance: 01 M.Pharm. (Pharmacy Practice) student

Conferences/Seminar/Symposium/Workshop Attended:

- Annual Conference of Cardiological Society of India, Bangalore (December 2-5, 2004)

Administrative/Advisory Engagements:

- Convener, CME of Dialysis Technologists at Convention Centre, Jamia Hamdard (December 19, 2004)
- In-charge, Diploma in Dialysis Techniques
- Course Director, Diploma in Dialysis Techniques

5. VIDUSHI MADAN, M.D. (Pathology), CONSULTANT

Class Teaching: D.M.L.T. Course

6. MOUSHUMI LODH, M.D. (Pathology), CONSULTANT

Class Teaching: D.M.L.T. Course



Faculty of Islamic Studies & Social Sciences

The Faculty has three constituent units, viz. the Department of Islamic Studies, the Centre for Federal Studies and the Centre for the History of Medicine and Science. Whereas the Centre for Federal Studies is covered under the Area Studies Programme of the University Grants Commission, the Department of Islamic Studies and the Centre for History of Medicine and Science are the oldest academic units of Jamia Hamdard. The Faculty offers academic programmes of Doctor of Philosophy in Federal Studies and in Islamic Studies, a Master's programme in Islamic Studies, and a Certificate of Proficiency in Arabic.

The Faculty publishes three reputed Journals: Indian Journal of Federal Studies, Studies in Islam, Studies in History of Medicine and Science. Besides, the three Departments/ Centres publish a number of reports and books, organise seminars, conferences and workshops, organise extra-mural lectures of distinguished scholars, and interact with other similar Departments / institutions at the national and global level.

DEPARTMENT OF ISLAMIC STUDIES

Head: Dr. Basir Ahmad Khan

The Department of Islamic Studies runs a Masters course in Islamic Studies, which also admits students from the madarsa stream after completion of Fazilat. It also offers Ph.D. programme and conducts researches on contemporary socio-economic and political issues being faced by the Indian Muslims, and on the contribution of Muslims to the various facets of Indian civilization. The Department has a staff of six teachers and two non-teaching employees.

Students' Performance:

- Ms. Sadiqa Nayeem, received a gold medal for securing first position in M.A.

Dean



Prof. Akhtar Majeed

Departments

DEPARTMENT OF ISLAMIC STUDIES

CENTRE FOR FEDERAL STUDIES

CENTRE FOR HISTORY OF MEDICINE AND SCIENCE

- One student has been awarded Ph.D. degree

Lecture Organized:

- The department organized 10 lectures under Value Education Lecture Series

Other information:

A new section, CSIM opened in the Department with the objective of conducting researches on Islam and Muslims in India. The new centre will have a head with functional autonomy but for teaching and other such related works he will work under the regular head of the Department. At present the Centre is carrying out two research project:



Dr. Basir Ahmad Khan with Swami Agnivesh

1. The Role of Dargah in Promoting Modern Education (Dr. Mohd. Arshad) 2. Perspective of Madrasa Graduates on Madrasa Reform (Waris Mazhari & Naseemur Rahman)

The Department publishes a biannual journal, namely Studies on Islam.

TEACHERS' PROFILES

1. BASIR AHMAD KHAN, M.A., M.Th., Ph.D., READER

Class Teaching: M.A. (Islamic Studies)

Research Guidance: 07 Ph.Ds

Administrative/Advisory Engagements:

- Proctor, Jamia Hamdard
- Head, Department of Islamic Studies, Jamia Hamdard
- Member, Faculty Committee, Faculty of Islamic Studies and Social Sciences, Jamia Hamdard
- Chairman, Board of Studies, Department of Islamic Studies, Jamia Hamdard
- Member, Academic Council and Standing Committee, Jamia Hamdard

Memberships in the reputed bodies:

- Member, Executive Committee, World University/WUS Service, India.
- Co-opted member of Board of Studies, Department of Islamic Studies, University of Kashmir, Srinagar.

2. ISHTIYAQUE AHMAD, M.A., Ph.D., READER

Class Teaching: M.A. (Islamic Studies)

Research Guidance: 06 Ph.Ds

Publications:

Books

- Ahmad, I. (2004). Empowerment of Muslim Youth in India, Institute of Objective Studies, New Delhi.

- Ahmad, I. (2004). Hamas' ideology and strategy as reflected in its covenant. *J. Objective Studies* 15: 45-55.

Articles

- Ahmad, I. (2004). Bush's Iraq is more bloody than that of Saddam. *Alami Sahara Weekly (Urdu)* (April), p. 3.
- Ahmad, I. (2004). America is fighting a losing war. *Rashtriya Sahara (Daily)* April 25, p. 4.
- Ahmad, I. (2004). Taking Stock of BJP's promises. *IOS Newsletter* (April 8), p.8.
- Ahmad, I. (2004). The new government. *IOS Newsletter* (May), p.8.
- Ahmad, I. (2004). A new opening for Madaris. *IOS Newsletter* (June), p.8.
- Ahmad, I. (2004). Fencing of west bank: World court's decision. *Alami Sahara Weekly (Urdu)*, 24th July, p. 12.
- Ahmad, I. (2004). The farce of sovereignty in Iraq. *IOS Newsletter* (July), p.8.
- Ahmad, I. (2004). Arafat marginalized. *Alami Sahara Weekly (Urdu)*, 7th August.
- Ahmad, I. (2004). Muslims caught in political whirlpool. *IOS Newsletter* (August), p.8.
- Ahmad, I. (2004). Third anniversary of 9/11. *Alami Sahara Weekly (Urdu)*, September 19, pp 14-15.
- Ahmad, I. (2004). Census 2001 needs careful study. *IOS Newsletter* (September), p.8.
- Ahmad, I. (2004). The murder of Iraq. *IOS Newsletter* (October), p.8.
- Ahmad, I. (2004). Get ready to harvest peace. *IOS Newsletter* (November), p.8.
- Ahmad, I. (2004). Proposed changes in United Nations. *Alami Sahara Weekly (Urdu)*, December 18, pp. 14-15.
- Ahmad, I. (2004). Difference of opinion: A blessing. *IOS Newsletter* (December), p.8.
- Ahmad, I. (2004). No cakewalk for Mahmud Abbas. *Rashtriya Sahara Daily (Urdu)*, January 16, p. 4.
- Ahmad, I. (2004). Modernists and the Muslims. *IOS Newsletter* (January), p.8.
- Ahmad, I. (2004). Iraq elections: Establishing democracy is not the purpose. *Rashtriya Sahara Daily (Urdu)*, February 13, p. 4.
- Ahmad, I. (2004). America is conspiring against Iran. *Rashtriya Sahara Daily (Urdu)*, February 17, p.4.
- Ahmad, I. (2004). The only option. *IOS Newsletter* (February), p.8.
- Ahmad, I. (2004). A new Fitnah. *IOS Newsletter* (March), p.8.

Conference/Seminar/Symposium/Workshop Attended:

- International Conference on State and Society in the Modern World, organized by Pakistan Higher Education Commission, Islamabad, Pakistan (November 19-21, 2004)

Administrative/Advisory Engagements:

- Head, Centre for Studies on Indian Muslims, Jamia Hamdard
- Member, Board of Studies, Department of Islamic Studies, Jamia Hamdard
- Member, Board of Research Studies, Faculty of Islamic Studies, & Social Sciences, Jamia Hamdard
- Member, Academic Council, Jamia Hamdard

Academic Honours/Distinctions:

- Editor, Journal of Objective Studies, New Delhi
- Editor, Studies on Islam, New Delhi
- Member, Governing Council, Institute of Objective Studies, New Delhi
- Member, General Assembly, Institute of Objective Studies, New Delhi
- Convenor, Committee on Current Issues, Institute of Objective Studies, New Delhi.

3. G.Y. ANJUM, M.A., Ph.D., READER

Class Teaching: M.A. (Islamic Studies)

Research Guidance: 06 Ph.Ds

Publication:

Books:

- Anjum, G.Y. (2004). Deeni Madaris Aur Ahd-e-Hazir Ke Taqazey, Markaz Ahl-e-Sunnat Barkat-e-Raza, Porbandar, Gujrat. pp 208.
- Anjum, G.Y. (2004). Maulana Tufail Ahmad Hashmati. Ek ta'aruf, fatemah arts, Mumbai, pp. 32.

Articles:

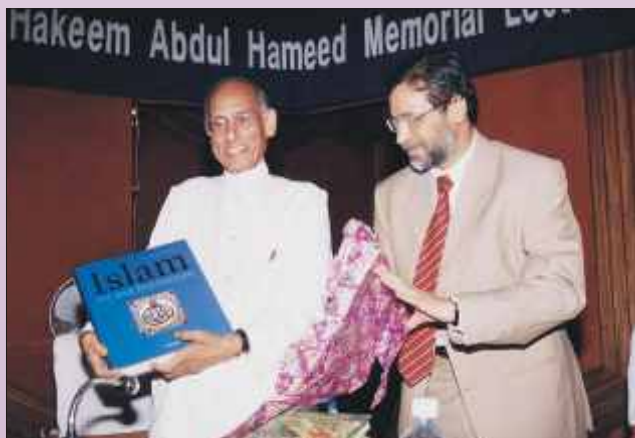
- Anjum, G.Y. (2004). Deeni madaris se arbi farsi board tak nisab-e-taleem ka badalta manzanama. AL-Jamia Ronahi (Faizabad), July, 1(10): 17-20.
- Anjum, G.Y. (2004). Nazarye Tauhid aur Sayedna Ghus-e-Azam. Ahl-e-Sunnat ki Awaz, Marehra (Etah), 11: 219-228.
- Anjum, G.Y. (2004). Hindustani Musalmanon ke Hassas Masail ka Tahlili Jaiza. Asharfia (Mubarakpur), 28(10): 15-21.
- Anjum, G.Y. (2004). Ek Safar Asharfia Mubarkpur Ka. Asharfia, (Mubarakpur), 28(11): 39-44.



Dr. Asrar Ahmad (Pakistan) with Mr. PM Sayeed, Union Minister of Power, Govt. of India

Conference/Seminar/Symposium/Workshop attended:

- Taleemi Conference, organized by Darul Uloom Jamiatia Tahirul Uloom, Chhatarpur, MP (May 6, 2004)
- Workshop on Deeni Madaris Aur Ahd-e-Hazir ke Taqazey, organized by Jamiatul Falah, Billariaganj, Azamgarh, U.P. (August 6-8, 2004)
- Fiqhi Seminar on Jadid Deeni Masail, organized by Darul Uloom Anwar-e-Mustafa Raza, Dharol, Jamnagar, Gujrat (September 30-October 2, 2004)
- All India Seminar on Madaris ke Nisab-e-Taleem Mein Qur'an ka Muqam aur Manhaj-e-Tadris, organized by Safa Shariat College, Dumariya Ganj, Siddharth Nagar, U.P. (March 1-2, 2005)
- National Seminar on New Trends in Literary Arabic Prose of Post 2nd World War, organized by Deptt. of Arabic, AMU, Aligarh (March 14-15, 2005)
- National Seminar on Rule of Muslims in the Freedom Movement of India, organized by Deptt. of Islamic Studies, AMU, Aligarh (March 18-19, 2005)



Dr. LM Sanghvi releasing a book

Lectures Delivered:

- Delivered a lecture on Nizam-e-Talim ke Zarye Aqdar-o-Shaqafat ka Farogh, organized by Hamdard Education Society, Talimabad, New Delhi (August 25 2004)
- Delivered a lecture in Annual Convocation at Madarsa Madinatul Uloom, Peerkhanpur, Bhadoi (September 11, 2004)
- Delivered a lecture in Annual Convocation at Jamia Eshatul Islam, Barhni Bazar, Siddharth Nagar (September 25, 2004)
- Delivered a lecture in Annual Convocation at Al-Jamiatul Qadriyah, Richha, Bareilly (September 27, 2004)
- Delivered a lecture in Annual Convocation at Darul Uloom Anwar-e-Mustafa Raza, Dharol, Jamnagar, Gujrat (October 4, 2004)
- Delivered a lecture in Asharful Ulema Conference at Darul Uloom Mohammidiya, Minaramasjid, Mumbai (March 29, 2005)

Administrative/Advisory Engagements:

- Member, Board of Studies, Department of Islamic Studies, Jamia Hamdard
- Convenor, Jamia Hamdard Committee for madarsa recognition

Academic Honours/Distinctions:

- Appointed as member of expert committee for developing the courses in Arabic by National Institute of Open Schooling, New Delhi on January 5, 2005

4. S.W.H. JAFRI, M.A., Ph.D., SENIOR LECTURER

Class Teaching: M.A. (Islamic Studies)

Research Guidance: 02 Ph.Ds

Conference/Seminar/Symposium/Workshop attended:

- 65th Session of Indian History of Congress held at Bareilly (December 28-30 2004)
- International Seminar on Indo-Turkish Studies at India International Centre, organized by Indian Council of Historical Research at India International Centre, New Delhi (February 9-11, 2005)
- Seminar on New Trends in Arabic Prose After World War II, organized by Department of Arabic, AMU, Aligarh (March 14-15, 2005)
- Seminar on Contribution of Ulema in Freedom Struggle, organized by Department of Islamic Studies, AMU, Aligarh (March 18-19, 2005)

Extra-Curricular Activities:

- Member, Indian History Congress

5. REETA BAGCHI, M.A., Ph.D., SENIOR LECTURER

Class Teaching: M.A. (Islamic Studies)

Publication:

- Bagchi, R. (2004). The Vision of Raja Rammohun Roy: Secularism, Humanism, Universalism. Kaniska Publishers, New Delhi.
- Bagchi, R. (2004). Influence of Islam on Hindi literature by Syad Asad Ali. Studies on Islam 1(2): 127-130.
- Bagchi, R. (2004). The common religions identity. Fellowship (New Delhi) 11(2): 8-20.
- Bagchi, R. (2005). Interfaith for value education. In: Chattopadhyaya, D.P. (eds.), History of Indian Science, Philosophy and Culture in Indian Civilization, vol. xi, Oxford University Press, U.K. pp. 477-488.

Conference/Seminar/Symposium/Workshop Attended:

- Workshop of Madarsa Teachers, Hamdard Education Society, Talimabad, New Delhi and delivered a lecture on The Role of Culture and Values in Education (August 23, 2004)
- Seminar on Disability and Human Rights in India, School of Social Sciences, JNU, New Delhi (November 27, 2004)
- Comparative Religion on Peace Making, Gobind Sadan Institute, New Delhi (February 18, 2005)

Administrative/Advisory Engagements:

- Member, Board of Studies, Department of Islamic Studies, Jamia Hamdard
- Member, Board of Research Studies, Faculty of Islamic Studies & Social Sciences, Jamia Hamdard

6. SHAMA KHATOON, M.A., Ph.D., SENIOR LECTURER

Class Teaching: M.A. (Islamic Studies)

Publication:

- Khatoon, S. (2004). Quran-e-Kareem ke Naitik Sandeson per ek Nazar. Kanti (New Delhi): 14: 15-16.
- Khatoon, S. (2004). Ameer Khusro ki Udarwadi Dirishti. Kanti (New Delhi) 16: 46
- Khatoon, S. (2004). Kanti ki Lokpriyata per Drishti. Kanti (New Delhi) 17: 40.

Conference/Seminar/Symposium/Workshop attended:

- National Seminar, organized by Global Environment and Welfare Society, New Delhi (February 12, 2005)
- National Seminar, organized by Department of Islamic Studies, AMU, Aligarh (March 18-19, 2005)

Academic/Advisory Engagements:

- Member, Academic Council, Jamia Hamdard

- Member, Board of Studies, Department of Islamic Studies
- Member, Board of Research Studies, Faculty of Islamic Studies & Social Sciences

CENTRE FOR FEDERAL STUDIES

Head: Prof. Akhtar Majeed

The Centre is an inter-disciplinary research centre under the U.G.C.'s Area Studies Programme. It undertakes Ph.D. course; publishes books, monographs and an international Journal; organises seminars and conferences; and has outreach programmes of interaction with other similar institutions, nationally and internationally.

During the year, the Centre was invited by the Ministry of Home Affairs (Inter State Council) Govt of India to prepare a Concept Paper on Comparative Federalism, which was submitted in July.

The Centre published one book, five monographs and two issues of its bi-annual Journal, during this year. Also, one scholar was awarded Ph.D degree in Federal Studies.

Seminar organized:

The Centre conducted a Workshop on Re-organisation of States (September 2004)

V.I.P.Visits:

The following visited the Centre and interacted with the Faculty and the scholars:

- Prof. Jaydeva Udugyana, University of Colombo, Sri Lanka (July 2004)
- Mr. Mulatto Teshome, Speaker of the House of Federations of Ethiopia and two Presidents of Ethiopian Regional States (October 2004)
- Dr Monique Leyenaar, University of Amsterdam, Netherlands (January 2005)
- Mr. Tarlochan Singh, Chairman, National Minorities Commission (February 2005)

TEACHERS' PROFILE

1. AKHTAR MAJEED, D.Litt., D.Phil., PROFESSOR

Research Guidance: 01 Ph.D awarded

Publications:

Book

- Majeed, A. (2005). Federal India: A Design For Good Governance, Manak Publications, New Delhi.
- Majeed, A. (2004). Social accountability for governance: neglecting rural development in the name of federalism. Indian J. Fed Studies 10th issue 2/2004.





Dr. Rafiq Zakaria and Mr. Tirlochan Singh speak in a seminar on Minorities' Rights day

- Majeed, A. (2004). Book Review of Islam in Europe: Integration or Marginalisation? by Robery J. Pauly (Burlington: Ashgate, 2004), International Studies, Sage, New Delhi.
- Majeed, A. (2005). An Introduction to Federalism. A monograph under the Federal Studies Orientation Series, Manak Publishers, New Delhi
- Majeed, A. (2005). Working of Indian Federalism. A monograph under the Federal Studies Orientation Series, Manak Publishers, New Delhi

Conferences/Seminar/Symposium/Workshop Attended:

- Conference on Conflict Transformation at the Sri Lanka Foundation Institute, Colombo, Sri Lanka, and delivered a lecture on Indian Democracy (June 2004)
- Legislative-Executive Relations in Federbation, organized by Forum of Federations (Canada) at New Delhi (June 2004)
- South Asia, organized by University of Pennsylvania, USA, at New Delhi (July 2004)
- Workshop of All India Forum of Small States; and delivered the keynote address at the Constitution Club (August 2004)
- Decentralised Governance, organized by University of Western Cape's International Conference at Cape Town, South Africa (October 2004)
- International Workshop on Cooperative Federalism and Management of Diversities, organized by Observer Research Group, New Delhi (November 2004)
- International Conference on Federalism in the 21st Century, organized by the Government of Belgium at Brussels (March 2005)

Research Project: one (funded by Forum of Federation of Canada)

Administrative/Advisory Engagements:

- Head, Centre for Federal Studies
- Dean, Faculty of Islamic Studies and Social Sciences

Academic Honours/Distinctions:

- Appointed by the Government of India (March 2005) as a Member of the High Level Committee to prepare a Report on the Social, Economic and Educational Status of the Muslim Community of India

2. ARSHI KHAN, Ph.D., SENIOR LECTURER

Publications:

- Khan, A. (2005). Situating democracy and elections in iraq. World Focus (New Delhi), February 2005.
- Khan, A. (2005). American style elections in Iraq. Mainstream (New Delhi): February 42(8): 3-5.
- Khan, A. (2004). Arafat's legacy in building Palestinian National Identity. Mainstream, November 42: 6-8, 30.
- Khan, A. (2004). Book-Review of Samuel P. Huntington's book 'Who Are We?'. Mainstream, October 42: 15-18.
- Khan, A. (2005). Situating Iraq in International Politics and Implications for India. India Quarterly (New Delhi), October-December 40: 110-113.
- Khan, A. (2005). Indian Political System, Federal Studies Orientation Series, Manak Publishers, New Delhi.
- Khan, A. (2005). Individual and Group Rights in the Nation-State, Federal Studies Orientation Series, Manak Publishers, New Delhi.

Conference/Seminar/Symposium/Workshop attended:

- Seminar on Security and Political Situation in Iraq, organized by the Indian Council of World Affairs (Govt. of India), in collaboration with the Indian Association for Central and West Asian Studies and Academy of Third World Studies, JMI, New Delhi (December 21, 2004)

- Seminar on Human Rights and Social Justice in India, organised by the Centre for Human Rights Teaching & Research, School of International Studies, JNU, New Delhi (December 10, 2004)
- National Seminar on India and Turkey, organized by the Indian Council of Historical Research, India International Centre (February 9-11, 2005)
- International Conference on Federalism in 21st Century, organized by Govt. of Belgium, Brussels (March 3-5, 2005)
- Seminar organized by the Indian Association of West Asian Studies at Jamia Millia Islamia, New Delhi (February 18, 2005)

Lecture delivered:

- Delivered a lecture on Constitutional Developments in Iraq and International Law in the Orientation Course programme, Academic Staff College, Jamia, Millia Islamia, New Delhi (April 20, 2004)

Academic Honours/Distinctions:

- Awarded J. William Fulbright Scholarship for participating in the US Summer University Programme on Civilization of the United States from 12 June to 25 July 2004.
- Resource Person in the Planning Group Workshop, organised by the NCERT for finalization of 'Content Outline' of the proposed 'Handbook for History Teachers of Higher Secondary Stage' during 26-28 April 2004.

3. AJAY KUMAR SINGH, Ph.D., SENIOR LECTURER

Publications:

- Singh, A.K. (2004). Federalism and Multiculturalism: The Indian Experience (Institute of Federalism, University of Fribourg, Switzerland).
- Singh, A.K. (2004). State Nation Sovereignty. A monograph under the Federal Studies Orientation Series, Manak Publishers, New Delhi.
- Singh, A.K. (2005). Policy governance: significance of federal design. In Majeed, A., ed., Federal India: A Design for Good governance, Manak Publications, New Delhi, pp.15-25.
- Singh, A.K (2005). Union Model of Indian Federalism: Structural Features and Competence Dimension. Monograph under the Federal Studies Orientation Series, Manak Publishers, New Delhi.

Conference/Seminar/Symposium/Workshop attended:

- National Seminar on Formation of New Smaller States, Constitution Club, New Delhi (August 22-23, 2004).
- International Workshop on Cooperative Federalism and the Management of Diversity, organised by Observer

Research Group, New Delhi, and Forum of Federation, Canada (November 2-3, 2004)

Academic Honours/Distinctions:

- Awarded Diploma of Quality Cum laude in Federalism, Decentralization and Good Governance, from the Institute of Federalism, University of Fribourg (Switzerland).
- Resource Person, IGNOU, New Delhi for the development of Masters' Programme in Political Science

4. KUMAR SURESH, M.Phil., SENIOR LECTURER

Publications:

- Suresh, K. (2004). Dalit discontent and patterns of mobilisation. In: Bhosole, B.V. (ed.), Mobilisation of Backward Communities in India, Deep & Deep Publication, New Delhi, pp. 173-181.
- Suresh, K. (2004). Citizenship and differential rights of minority protection in India: Constitutional principles and judicial intervention Indian J. Fed. Studies 2: 134-161.
- Suresh, K. (2005). Multicultural Imperatives of Good Governance. In: Majeed A., ed., Federal India: Design for Good Governance: Manak Publishers, New Delhi.

Monographs:

- Suresh, K (2004). Managing diversity in plural societies. Federal Studies Orientation Series, Manak Publishers, New Delhi.
- Suresh, K. (2005). Pluralism and accommodation of minorities and deprived groups in India. Federal Studies Orientation Series, Manak Publishers, New Delhi.
- Abstracts of conference papers: Two

Conference/Seminar/Symposium/Workshop attended:

- Seminar on Federalism and Decentralised Governance in the Union of India, organized by the Centre de Sciences Humaines, French Embassy, New Delhi (October 15-16, 2004)
- International Conference on Cooperative Federalism and the Management of Diversity, Forum of Federation, Canada and the Observer Research Foundation, New Delhi (November 2-3, 2004)
- Colloquium on Managing Diversities in School Education, National Institute of Planning and Administration, New Delhi (March 23, 2005)

Academic Honours/Distinctions:

- Awarded the membership of the International Sociological Association, Spain, and included in Research Committee on Ethnicity, and Research Committee on Social Stratification and Social Mobility of the society.

CENTRE FOR HISTORY OF MEDICINE AND SCIENCE

Head: Prof. Akhtar Majeed

The Centre excels in research on historical aspects of the Unani system of medicine. It publishes a biannual international journal, Studies in History of Medicine and Science. It has a staff of two teachers and one non-teaching employee.

TEACHERS' PROFILE

1. ARSHAD HUSSAIN, Ph.D. (Persian), SENIOR LECTURER

Conference/Seminar/Symposium/Workshop attended:

- International Conference on Unani Medicine, organized by CCRUM, New Delhi (February 8, 2005)
- 25th All India Persian Teachers' Conference (International Session) held at Nagpur and presented a paper entitled Farishta as a Medical Scientist (March 28-30, 2005)

2. ABDUL BARI, B.U.M.S., M.A., SENIOR LECTURER

Conference/Seminar/Symposium/Workshop attended:

- International Conference on Unani Medicine organized by CCRUM, New Delhi (February 8, 2005)
- International Conference on Hifzan-e-Sehat aur Maholiyat (Hygiene and Environment), organized by Department of Hifzane Sehat wa Samaji Tibb, Faculty of Unani Medicine, AMU, Aligarh (March 29-30, 2005)
- Refresher Course in Arabic organized by UGC Academic Staff College, AMU, Aligarh (March 23, 2004 to April 16, 2005)

Academic Honours/Distinctions:

- Member, Academic Council, Jamia Hamdard

Extra-Curricular Activities:

- Member, Pre-selection interview programme, organized by Students Islamic Trust, New Delhi
- Honorary Students Counselor, IDB Scholarship Programme in India.

Faculty of Management Studies & Information Technology

The Faculty of Management Studies and Information Technology offers management and computer education at graduate, postgraduate and doctoral levels with the following aims :

- To train them as managers and executives, to serve public and private sector organizations .
- To fulfill national manpower requirements in the field of Business management and Information technology .
- To undertake research in the field of Business and commerce, environment , Health and Computer science
- To provide consultancy services to government , non-governmental organizations and corporate bodies in applications of management and information technology for solving complex problems.
- To equip them with intricacies of setting up their own business as entrepreneurs.

The Faculty has attracted students not only from all over India but also from foreign countries like UAE, Kuwait, IRAN, Bangladesh, Indonesia, Syria and Kyrgystan.

It consists of the Department of Management Studies and the Department of Computer Science.

Dean



Prof. Shakti Kak

Departments

DEPARTMENT OF MANAGEMENT STUDIES

DEPARTMENT OF COMPUTER SCIENCE

DEPARTMENT OF MANAGEMENT STUDIES

Head: Prof. N.K. Jain

The department has seven teachers and two non-teaching staff members. The department has improved its infrastructure by adding several new audio-visual instruments including LCD Projector, Laptop etc. It has organized several academic and extra-curricular programmes during the year under report.

MoUs/Collaboration:

- The MoU with Management Development Institute (MDI), Gurgaon continued for the year under report.

Seminars/Lectures Organized:

The department has organized following seminars in this year:

- *Holistic Organizational Development* (October 16, 2004)
- *Corporate Governance & Corporate Social Responsibility* (March 5, 2005)

The department has organized following lectures:

- *Emerging Issues in Healthcare Management* by **Prof. Imrana Qadeer**, JNU, New Delhi (September 30, 2004).
- *Unemployment, Poverty and Universal Employment*



Mr. Siraj Hussain, former VC and Dr. NK Jain with Mr. Shiv Khera

Guarantee Act, by **Prof. Utsa Patnaik**, Jawaharlal Nehru University (February 16, 2005)

- *Contemporary Situation in West Asia* by **Mr. Praful Bidwai** (Renowned Columnist) (March 4, 2005)

VIPs' visits in the department:

- **Prof. Abdul Aziz**, Charleston University, U.S.A. (July 15, 2004)
- **Mr. Shiv Khera**, International Educator & Motivator (October 16, 2004)
- **Mr. David Brown**, Head, Management Studies, Middlesex University (July 19, 2004)
- **Mr. R.K. Das**, Director, National Institute of Statistic Management (August 2, 2004)

- **Mr. Pooran Chandra Pandey**, CEO of "VANI" (Voluntary Action Network India) (September 15, 2004)
- **Mr. V.K. Malhotra**, IAS, Managing Director, Food Corporation of India (August 31, 2004)
- **Mr. Ashok Bahri**, HR-Corporate Head, Switch & Controls Gears, New Delhi (September 29, 2004)

Other Information:

- Industrial Tours for Mumbai & Goa of MBA II year students was organized. They visit ITC & Wallace Pharmaceuticals Ltd. Company
- Alumni meet was organized on 5th February 2005 at Eros Regency Club, Faridabad
- 1st Annual festival, organized by the Department on 5th March 2005.

TEACHERS' PROFILE

1. **N.K. JAIN, Ph.D., M.B.A., C.A.I.I.B., C.F.A., PROFESSOR**

Class Teaching: M.B.A. Students

Publications:

- Jain, N.K. (2004). Working Capital Management, K./APH Publications, New Delhi.
- Jain, N.K. (2004). Corporate Social Responsibility-for sustainable Development. Management Edge (October, 2004).

Conference/Seminar/Symposium/Workshop attended:

- *Holistic Organizational Development*, organized by



Dr. NK Jain with the future managers

Department of Management Studies, Jamia Hamdard
(October 16, 2004)

- *Corporate Governance & Corporate Social Responsibility*, organized by Department of Management Studies, Jamia Hamdard (March 5, 2005)

Administrative/Advisory Engagements:

- Head, Department of Management Studies
- Member, Executive Council, Academic Council and Board of Research Studies at Jamia Hamdard
- Chairman, Board of Studies, Department of Management Studies, Jamia Hamdard

2. SHAKTI KAK, Ph.D., PROFESSOR

Class Teaching: Economic Environment of Business
International Business Environment

Research Guidance: 02 M.B.S. students

Publication:

- Kak, S. (2005). *Exploring Gender Equations: Colonial and Post Colonial India*. Nehru Memorial Museum and Library, New Delhi.

Conference/Seminar/Symposium/Workshop attended:

- International Conference on *Education for Sustainable Future*, organized by the Centre for Environment

Education in collaboration with the United Nations University at Ahmedabad (January 18-19, 2005)

- National Conference on *Globalisation and Women*, organized by the Centre for Women's Development Studies and India International Centre, New Delhi (January 20-22, 2005)

Administrative/Advisory Engagements:

- Dean, Faculty of Management Science and Information Technology
- Head, Department of Computer Science

Extra-Curricular Activities:

- Organized NERDZ 2005 (Two day IT festival conducted by the Dept of Computer Science)
- Organized SPARK 2005 (One day seminar cum festival of the Department of Management Studies)

3. SHIBU JOHN, B.Sc., P.G. Diploma in Health & Hospital Management, READER

Class Teaching: M.B.A.

Conference/Seminar/Symposium/Workshop attended:

- *Holistic Organizational Development*, organized by Department of Management Studies, Jamia Hamdard (October 16, 2004)



- *Corporate Governance & Corporate Social Responsibility*, organized by Department of Management Studies, Jamia Hamdard (March 5, 2005)

4. SHAHID PERWEZ KHAN, B.Sc. (Engg.), M.B.A., LECTURER

Class Teaching: M.B.A.

Conference/Seminar/Symposium/Workshop attended:

- *Holistic Organizational Development*, organized by Department of Management Studies, Jamia Hamdard (October 16, 2004)
- *Corporate Governance & Corporate Social Responsibility*, organized by Department of Management Studies, Jamia Hamdard (March 5, 2005)

Administrative/Advisory Engagements:

- Member, Academic Council, Jamia Hamdard
- Member, Board of Studies (Department of Management Studies)

5. SANA BEG, B.Sc. (Engg.), M.B.A., LECTURER

Class Teaching: M.B.A.

Conference/Seminar/Symposium/Workshop attended:

- *Holistic Organizational Development*, organized by Department of Management Studies, Jamia Hamdard (October 16, 2004)
- *Corporate Governance & Corporate Social Responsibility*, organized by Department of Management Studies, Jamia Hamdard (March 5, 2005)

6. RAKHSHINDA SIRAJ, M.A.E.B.M., LECTURER

Class Teaching: M.B.A.

Conference/Seminar/Symposium/Workshop attended:

- *Holistic Organizational Development*, organized by Department of Management Studies, Jamia Hamdard (October 16, 2004)
- *Corporate Governance & Corporate Social Responsibility*, organized by Department of Management Studies, Jamia Hamdard (March 5, 2005)
- *Competency Mapping & Competency Development: The Emerging Global Environment*, organized by ISTD at PHD House, New Delhi (March 18, 2005)

7. MOHAMMAD SHAHNAWAZ ABIDIN, M.B.A., LECTURER

Class Teaching: M.B.A.

Conference/Seminar/Symposium/Workshop attended:

- Summit on *Emerging Paradigms in Branding*, organized by All India Management Association (AIMA) at Taj Mahal Hotel, Mumbai (September 3-4, 2004)
- *Holistic Organizational Development*, organized by Department of Management Studies, Jamia Hamdard (October 16, 2004)
- Workshop on *Health in Colonial and Post-colonial India: Its Relevance to Contemporary Times*, organized by the Department of Management Studies, Jamia Hamdard (February 22-23, 2005).
- *Corporate Governance & Corporate Social Responsibility*, organized by Department of Management Studies, Jamia Hamdard (March 5, 2005)

Administrative/Advisory Engagements:

- Member, Academic Council, Jamia Hamdard
- Member, Board of Studies (Department of Management Studies)
- Member, Placement Committee (Department of Management Studies, Jamia Hamdard)
- Member, Visiting Committee for Inspection of Institutions for Establishing Study Centres of Directorate of Open and Distance Learning, Jamia Hamdard.

Extra-curricular Activities:

- Administrative Co-ordinator of the Management Festival "SPARK, 2005" and Seminar on "Corporate Governance and Corporate Social Responsibility" organized by the Department of Management Studies, Jamia Hamdard on 5th March, 2005



DEPARTMENT OF COMPUTER SCIENCE

Head: Prof. Shakti Kak

During the last few years, the Department of Computer Science has established itself as a well-known centre of IT Education, Research and Consultancy. The training facilities are comparable with the best institution of the country and provide an ideal environment for M.C.A., M.Sc. (Computer Science), B.C.A./B.Sc. (IT) and Ph.D. programs of the department. The right kind of ambience coupled with excellent faculty, labs and other support systems has attracted students not only from all over country and but also from the foreign countries. The department was accredited by the Tata Consultancy Services (TCS) for the purpose of Campus Placement. Majority of students have been placed in best of the IT industries through Campus Recruitment Process.

The department is establishing CISCO Networking Local Academy for the benefit of students who can be trained on CISCO equipments for the award of CISCO Certificates like CCNA, CCNP etc.

During this period, HP/Compaq P-IV PC's (22), IBM Laptop (1), DeskJet Printer (1), Epson Line Printer (1), Red Hat Linux 9.0 (1), Chem Office Ultra 7.0 (1) and JTAG Software (1) have been added in the Computer Centre of the Department.

TEACHERS' PROFILE

1. TAMANNA SIDDIQUI, M.C.A., LECTURER

Class Teaching: B.C.A., M.C.A.

Conferences/Seminar/Symposium/Workshop Attended:

- *Linux Workshop*, organized by Department of Computer Science, Jamia Hamdard (August 21, 2004)

Administrative/Advisory Engagements:

- Member of committee to look into the matter of fees and mode of admission for CCNA programme
- Course Coordinator, Distance Learning Programme of BCA/B.Sc. IT

Extra-Curricular Activities :

- Life Member, Indian Society for Technical Education, Computer Society of India
- Wrote four chapter for IGNOU MCA course

2. BASHIR ALAM, B. Tech. (Computer Engg.), LECTURER

Class Teaching: M.C.A., M.Sc. (Computer Science/IT), BCA



Administrative/Advisory Engagements:

- In charge, Examination Software
- Member, Academic Council, Jamia Hamdard
- Member, Board of Studies of Department of Computer Science, Jamia Hamdard
- Secretary, Computer Science Activities Network, Department of Computer Science, Jamia Hamdard

Academic Honors/Distinctions:

- Received CCNA (Cisco Certified Network Academy) certificate
- Received CCAI (Cisco Certified Academy Instructor) certificate

Extra-Curricular Activities :

- Coordinator, NERDZ 2005
- Life Member, ISTE (Indian Society for Technical Education)

3. FARHEEN SIDDIQUI, M.C.A., LECTURER

Class Teaching: B.C.A., M.C.A.

Conference/Seminar/Symposium/Workshop attended:

- *Linux Workshop*, organized by Department of Computer Science, Jamia Hamdard (August 21, 2004)
- *Linux-Demo Day*, organized by Department of Computer Science, Jamia Hamdard (September 25, 2004)

Administrative/Advisory Responsibilities:

- Placement Coordinator, Jamia Hamdard
- Convener, Linux Demo Day, Jamia Hamdard
- Convener, Linux Workshop, Jamia Hamdard

Extra-Curricular Activities:

- Coordinator, NERDZ 2005

- Life Member, ISTE (Indian Society for Technical Education)

4. SURAIYA JABIN , M.C.A., (Gold Medallist), LECTURER

Class Teaching: B.C.A., M.Sc. (Computer Science)

Conference/Seminar/Symposium/Workshop attended:

- *Linux-Workshop*, organized by Department of Computer Science, Jamia Hamdard (August 21, 2004)
- *Linux-Demo Day*, organized by Department of Computer Science, Jamia Hamdard

Administrative/Advisory Responsibilities:

- Member, Board of Studies, Department of Computer Science, Jamia Hamdard

Extra-Curricular Activities:

- Coordinator, NERDZ 2005

5. PARUL AGARWAL, M.C.A., LECTURER

Class Teaching: B.C.A., M.Sc. (Computer Science)

Conference/Seminar/Symposium/Workshop attended:

- *Linux-Workshop*, organized by Department of Computer Science, Jamia Hamdard (August 21, 2004)
- *Linux-Demo Day*, organized by Department of Computer Science, Jamia Hamdard (September 25, 2004)

Administrative/Advisory Responsibilities:

- Placement Coordinator, Jamia Hamdard
- Member, Web Cell Team, Jamia Hamdard

Extra-Curricular Activities:

- Coordinator, NERDZ 2005
- Life Member, Indian Society for Technical Education

6. JAHIRUDDIN, MCA, LECTURER

Class Teaching: M.C.A., M.Sc. (Computer Science), B.C.A.



Extra-Curricular Activities:

- Coordinator, NERDZ 2005

7. DEEPA ANAND, MCA, LECTURER

Class Teaching: B.C.A., M.C.A., M.Sc. (Computer Science)

Conference/Seminar/Symposium/Workshop attended:

- *Linux-Workshop*, organized by Department of Computer Science, Jamia Hamdard (August 21, 2004)
- *Linux-Demo Day*, organized by Department of Computer Science, Jamia Hamdard (September 25, 2004)

Administrative/Advisory Responsibilities:

- Placement Coordinator, Jamia Hamdard

8. SADAF TANVEER, M. Tech., LECTURER

Class Teaching: B.C.A., M.C.A., M.Sc. (Computer Science)

Conference/Seminar/Symposium/Workshop attended:

- *FSTTCS '04*, IIT, Powai
- *BioHorizons*, IIT, Delhi
- Workshop on *Advances in Pattern Discovery*
- Workshop on *Managing Massive Data Sets*.

Extra-Curricular Activities:

- Coordinator, NERDZ 2005

9. SAMEENA NAAZ, M. Tech., LECTURER

Class Teaching: B.C.A., M.C.A., M.Sc. (Computer Science)

Conference/Seminar/Symposium/Workshop attended:

- *Linux-Workshop*, organized by Department of Computer Science, Jamia Hamdard (August 21, 2004)
- *Linux-Demo Day*, organized by Department of Computer Science, Jamia Hamdard (September 25, 2004)

Extra-Curricular Activities:

- Coordinator, NERDZ 2005



Mr. Rehan Khan Suri, Training and Placement officer and the students in NERDZ 2005, an IT festival

Faculty of Medicine (Unani)

The Faculty of Medicine (Unani) has been identified by the Working Group for the X Plan in the Department of ISM, Ministry of Health and Family Welfare, Government of India, as one of the Centers of Excellence in Unani Medicine. It consists of seven departments and offers Pre-Tibb, B.U.M.S. and M.D. programmes of study. Over the years, the faculty has come up as an active centre of research on the diverse aspects of Unani medicine, using modern techniques and equipments. A computer lab has been set up recently. The faculty also organizes orientation workshops for teachers of Unani medicine all over the country.

Dean



Prof. S. Shakir Jamil

Departments

DEPARTMENT OF AMRAZE NISWAN, QABALAT-O-ATFAL

DEPARTMENT OF ILMUL ADVIA

DEPARTMENT OF JARAHİYAT

DEPARTMENT OF KULLİYAT

DEPARTMENT OF MOALIJAT

DEPARTMENT OF TAHAFUZI WA SAMAJI TIB & TIBBE QANOONI WA ILMUL SHAMOOM

DEPARTMENT OF TASHREEH WA MUNAFEUL AZA

DEPARTMENT OF AMRAZE NISWAN, QABALAT-O-ATFAL

Head : Prof. M.A. Jafri

The department comprises a staff of two teachers. It offers BUMS teaching programme of study in Ilmul Qabla wa Amraze Naumolood and Amraze Niswan wa Atfal (Gynaecology and Obstetrics, Neonatology and Paediatrics). Ilmul Qabla wa Amraze Naumolood deals with normal and abnormal conditions of pregnancy and their management and diseases of newborn and their management. Amraze Niswan wa Atfal deals with the diseases of female genital organs and their management and with the diseases of children and their management.

TEACHERS' PROFILES

1. HAMIDA AQUIL, B.U.M.S., LECTURER

Class Teaching: B.U.M.S.

Publication:

Abstract of conference paper: One

Conference/Seminar/Symposium/Workshop Attended:

- National Seminar on AIDS, organized by National Health Care Foundation, Jamia Hamdard (July 10, 2004)
- International Conference on Unani Medicine, organized by CCRUM, New Delhi (February 8-11, 2005)

Administrative/Advisory Engagements:

- Member, Board of Studies, Dept. of Ilmu Qabla and Amraz-e- Niswan.

Extra-Curricular Activities:

- Presented live programme on All India Radio on following topics:
 - (a) Motape ka Unani Ilaj (April 2 2004)
 - (b) Migrain ka Unani Ilaj (October 26, 2004)
 - (c) Menopause Se Judi Bimariyon Ka Unani Ilaj (January 31, 2005)

2. SUHAIL FATIMA, BUMS, M.D., LECTURER

Class Teaching: B.U.M.S.

Publications:

- Fatima, S., Kabir, H. & Ahmad Khan, J. (2004). Effect of Supari Chikni, Chhal Molsari, Mochras, Barg-e-Kasni and Gul-e-Dhawa on Sailan-ur-Reham Taffuni (infective vaginal discharge) A clinical study. *Hamdard Medicus* **47**: 80-90.
- Abstracts of conference papers: Five

Conference/Seminar/Symposium/Workshop Attended:

- *XVII Annual Conference on Recent Trends in Environmental Sciences*, organized by National Environmental Sciences Academy at Jamia Hamdard (April 24-26, 2004)
- National Seminar on *AIDS*, organized by National Health Care Foundation at Jamia Hamdard (July 10, 2004)
- Seminar on *Herbal Medicines: Need of Time*, organized by Nature and Wealth Foundation for Promotion of Natural Products at Indian Habitat Centre, New Delhi (August 2, 2004)
- Workshop on *Community Preparedness Programme on Developing Volunteers for Disaster Mitigation*, organized by National Environmental Science Academy in collaboration with 7 Delhi BNCC and sponsored by Rashtriya Vigyan Ewam Pradyogiki Sanchar Parishad (NCSTC) and Dept. of Science and Technology, Govt of India at IIT, Delhi (September 11-14, 2004)
- Seminar on *Diabetes Mellitus*, organized by Jamia Hamdard (September 15, 2004)
- International Conference on *Unani Medicine*, organized by CCRUM, New Delhi (February 8-11, 2005)
- International Seminar on *Hifzane Sehat aur Maholiyat*, sponsored by A.K. Tibbiya College AMU, Aligarh (March 29-30, 2005)

Administrative/Advisory Engagements:

- Member, Board of Studies (Amraz-e-Niswan vo Qabalat)
- Member, Acadmic Council, Jamia Hamdard

DEPARTMENT OF ILMUL ADVIA

Head : Prof. M.A. Jafri

The word Ilmu Advia stands for the deep study and knowledge of drugs. It is a well known fact that selection of appropriate drug is as important as the diagnosis of a diseases. The Department of Ilmu Advia which is a post graduate research department, imparts training and performs research on Unani drugs. The training deals with the study of Unani drugs, which originate from herbs, place of origin, morphology, characteristic features and medicinal uses of Mufradat and Murakkabat (single and compound drugs). The training is imparted with the help of modern advances in teaching and research methodology is also taken to develop interest and confidence among the students towards the Unani Medicine.

Research programmes are designed so as to develop better and cheaper drugs and in consonance with National Health Priority Programmes. It has also been tried to improve the methods of drugs preparation and compounding wherever necessary. For this purpose the staff members of the department are trying their best. Besides the services of outside experts of Unani Medicine and other allied fields are also availed time to time by arranging seminars, discussions on research methodology and topics of prime importance.

New infrastructure added in the Department

- During this year a Neuropharmacology lab was established.

Ph.Ds Awarded

- Two M.Ds awarded during this year.

TEACHERS' PROFILE

1. M.A. JAFRI, B.I.M.S., M.D., PROFESSOR

Class Teaching: B.U.M.S., M.D. (Unani)

Research Guidance: 01 M.D. awarded; 03 M.Ds in progress

Publications:

- Azhar, M.U., Akhtar, F., Khan, S.A., Aslam, M., Javed, K. & Jafri, M.A. (2004). Nephroprotective effect of Kulthi (*Dolichos biflorous*) on Gentamicin treated rats. *J. Sci. Pharm.* **5**: 97-103.
- Alam, M.M.A., Javed, K. & Jafri, M.A. (2005). Effect of Rheum emodi (Revand Hindi) on renal functions in rats. *J. Ethnopharmacol.* **96**: 121-125

Research Project: One funded by (ISM&H)

Conference/Seminar/Symposium/Workshop Attended:

- International Workshop on *Recent Trends in Environmental Science*, organized by Jamia Hamdard; and chaired a session (April 24-26, 2004).
- *3rd International Congress of Health, Environment & Natural Products*, chaired a session and presented a paper on 'Unani System of Medicine and Common Ailments - A Scientific Appraisal', Mashhad, Iran, (September 25-28, 2004)
- *Brain Storming Workshop on Herbo-Mineral Drugs*, organized by Indian Geological Congress and Jamia Hamdard, New Delhi (December 7-8, 2004)
- National Seminar on *Globalizing Ayurvedic and Herbal Products: Challenges and Strategies*, Mumbai (February 4-5, 2005)
- International Conference in *Unani Medicine*, organized by CCRUM, New Delhi; and chaired a session (February 8-11, 2005)

Administrative/Advisory Engagements:

- Head, Department of Moalijat
- Dean, Faculty of Medicine (Unani)
- Member, Placement Committee, Academic Council, Executive Council and Society of Jamia Hamdard

Academic Honours/Distinctions:

- Member, Scientific & Academic Committee, National Institute of Unani Medicine, Bangalore
- Member, Unani Pharmacopoeia Committee, Dept. of ISM, Ayurvedic, Siddha and Unani Drugs Technical Advisory Committee, Dept. of ISM, Govt. of India.

2. M. AFTAB AHMAD, B.U.M.S., M.D., LECTURER

Class Teaching: B.U.M.S., B. Pharm. (Unani) and M.D. (Unani)

Research Guidance: 02 M.Ds

Publication:

- Abstracts of conference papers: Four

Conference/Seminar/Symposium/Workshop attended:

- National Seminar on *AIDS, Healthcare 2004*, organized by National Healthcare Foundation at Jamia Hamdard (July, 10 2004)
- Workshop on *Developing Volunteers for Disaster Preparedness*, organized by National Environmental Science Academy, New Delhi (September 11-14, 2004)
- *HIV/ AIDS Awareness Run*, organized by Ministry of Youth Affairs & Sports held at Nehru Stadium, New Delhi (December 1, 2004)

- International Conference on *Unani Medicine*, organized by CCRUM, New Delhi (February 8-11, 2005)
- *Intellectual Property Rights Awareness Seminar on Pharmaceuticals*, organized by Jamia Hamdard (February 26, 2005)

3. M. ASLAM, B.U.M.S., M.D., LECTURER

Class Teaching: B.U.M.S., D.Pharm. (Unani), and M.D. (Unani)

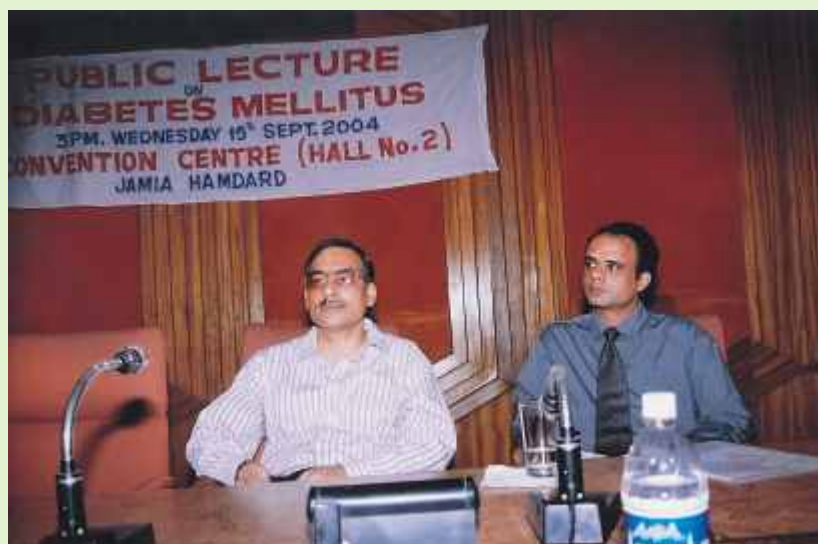
Research Guidance: 02 M.Ds

Publications:

- Azhar, M.U., Khan, S.A., Khanam, D., Aslam, M. Tajuddin & Jafri, M.A. (2004). Plants with nephrotoxic activity. *J. Sci. Pharm.* **5**: 97-103.
- Alam, M.M.A., Javed, K. & Jafri, M.A. (2005). Effect of Rheum emodi (Revand Hindi) on renal functions in rats. *J. Ethnopharmacol.* **96**: 121-125
- Azhar, M.U., Akhtar, F., Khan, S.A., Aslam, M., Javed, K. & Jafri, M.A. (2004). Nephroprotective effect of Kulthi (Dolichos biflorous) on gentamicin treated rats. *J. Sci. Pharm.* **5**: 97-105.
- Abstracts of conference papers: Eight

Conference/Seminar/Symposium/Workshop Attended:

- Workshop on *Developing Volunteers for Disaster Preparedness*, organized by National Environmental Science Academy, New Delhi (September 11-14, 2004)
- *XXXVIII Annual Conference of Indian Pharmacological Society*, Kolkata (January 14-16, 2005)
- International Conference on *Unani Medicine*, organized by CCRUM, New Delhi (February 8-11, 2005)
- Workshop to Review the Syllabus of BUMS Course, organized by Alfarooque Unani Tibbia College, Indore (March 14-15, 2005)



Extra-Curricular Activities:

- Life Member, Indian Pharmacological Society

4. ABDUL RAUF, B.U.M.S., M.D., LECTURER

Class Teaching: B.U.M.S., M.D. (Unani)

Publication:

- Rauf, A. (2004). Qarabeen Aur Uske Irteqai Manazil. Faisal Hind Monthly Magazine, Delhi.

Conference/Seminar/Symposium/Workshop attended:

- International Conference on *Unani Medicine*, organized by CCRUM, New Delhi (February 8-11, 2005)

5. MOHAMMAD ASIF, M.Sc., M.Phil., LECTURER

Class Teaching: Pre-Tibb, B.Pharm. (Unani) and M.D.

Conference/Seminar/Symposium/Workshop attended:

- *Intellectual Property rights awareness seminar on Pharmaceuticals* organized by Jamia Hamdard (February 26, 2005)

DEPARTMENT OF JARAHİYAT

Head: Hkm. T.A. Siddiqui

The department has a staff of three teachers and one Lab Attendant. The department is involved in the teaching of BUMS classes.

1. TARIQ AKRAM SIDDIQUI, B.U.M.S., M.D., READER

Class Teaching: B.U.M.S.

Publications:

- Siddiqui, T.A., Shadab, Z., Ayesha, N. & Alvi, S.H. (2004). Protective effect of "Kohl-chikni Dawa" against galactoseinduced cataract in rats. *Orient. Pharm. Experiment. Med.* **4**: 82-86.
- Abstracts of conference papers: Two

Conference/Seminar/Symposium/Workshop Attended:

- International Workshop on *Recent Trends in Environmental Sciences* at Jamia Hamdard (April 24-26, 2004)
- International Conference on *Unani Medicine*, organized by CCRUM, New Delhi (February 8-11, 2005)
- International Seminar on *Hifzan-e-Sehat*, Department of Hifzan-e-Sehat, AMU, Aligarh (March 29-30, 2005)

Administrative/Advisory Responsibilities:

- Head, Department of Jarahiyat
- Provost, Jamia Hamdard

- Chairman, Board of Studies, Department of Jarahiyat
- Member, Faculty Committee (Medicine)
- Member, Academic Council and Standing Committee, Jamia Hamdard

2. MINHAJ AHMAD, B.U.M.S., M.S. (JARAHİYAT), LECTURER

Class Teaching: B.U.M.S.

Publications:

Popular Articles:

- Ehtesham, N. & Ahmad, M. (2004). Juzam (leprosy) ek Muhlik Marz. Tarjumane- Islahi, Mahana, New Delhi, October, 1: 6.
- Ehtesham, N., Afaq, S. & Ahmad, M. (2004). Tibb-e-Unani Men Tashkhish-e-Amraz (Zakaria Razi ke Hawale se) Jahane Tib, Quarterly, Oct-December 6: 176.

Conference/Seminar/Symposium/Workshop Attended:

- International *Workshop on Recent Trends in Environmental Sciences* at Jamia Hamdard (April 24-26, 2004)
- Seminar on *Herbal Products/Medicine, sponsored by Foundation for Promotion of Natural Products*, New Delhi (April 30, 2004)
- National Seminar on *AIDS*, conducted by National Health Care Foundation at Jamia Hamdard (July 10, 2004)
- International Conference on *Unani Medicine*, organized by CCRUM, New Delhi (February 8-11, 2005)
- International Seminar on *Hifzan-e-Sehat*, Department of Hifzan-e-Sehat, AMU, Aligarh (March 29-30, 2005)

Administrative/Advisory Engagements:

- Warden, Jawaharlal Nehru (International) Hostel, Jamia Hamdard
- Member, Board of Studies, Department of Jarahiyat
- Member, Academic Council Jamia Hamdard
- Life Member, National Journal Nawa-e-Tib-Wa-Sehat, Allahabad
- Member, Faculty Committee, Faculty of Medicine

3. S. M. ARIF ZAIDI, B.U.M.S., D.H.A., D.H.R.M., SENIOR LECTURER

Class Teaching: B.U.M.S.

- Zaidi, S.M.A., Ahmad, Z., Khan, A., Jamal, A. (2004). Analgesics and diuretic effects of a herbo mineral preparation of a *Dolichos biflorus*, *Tribulus terrestris*,

Lapis judaicus and Otolith in Urolithiasis cases. J. Sci. Pharm. 5: 89-93.

- Abstract of conference paper: One

Conference/Seminar/Symposium/Workshop Attended:

- Scientific Seminar on *Swas Kash*, New Delhi (October 10, 2004)
- International Conference on *Unani Medicine*, organized by CCRUM, New Delhi (February 8-11, 2005)

Academic Honours/Distinctions:

- Received **Dhanwantri Award** for the year 2004 from Minister of Health for State, New Delhi (November 7, 2004).

Extra-Curricular Activities:

- Co-Ordinator and Founder, Association for Continuing Medical Education & Research and organized eleven lectures on different Topic of Medical Importance during the year
- Life Member, National Medical Education & Research Forum, New Delhi
- Life Member, Institute of Objective Studies, New Delhi

DEPARTMENT OF KULLIYAT

Head: Hkm. Abdul Jabbar

The department comprising of four teachers and two non-teaching employees, imparts teaching of B.U.M.S. and Pre-tib programmes of study.

VIP's visits to the Department:

- **Prof. Deong-Gonkins**, Faculty of Oriental Medicine, North Korea visited the department during this year (July 14, 2004)

Extra-Curricular Activities:

- Participated in Polio Awareness Programme in Western U.P.
- Participated in NSS Programmes like Blood Donation Camps and Plant Cultivation.
- Participated in NCC Programmes.

TEACHERS' PROFILES

1. ABDUL JABBAR, B.I.M.S., READER

Class Teaching: B.U.M.S.



Mass Run on the eve of International Day against Drug Abuse and Illicit Trafficking

Conference/Seminar/Symposium/Workshop Attended:

- National Seminar on AIDS organized by National Health Care Foundation at Jamia Hamdard (April 10, 2004)

Administrative/Advisory Engagements:

- Head, Department of Kulliyat
- Member, Academic Council and Standing Committee, Jamia Hamdard
- Member, Executive Council, Jamia Hamdard
- Chairman, Board of Studies, Department of Kulliyat

2. ASHHAR QADEER, B.U.M.S., M.D., SENIOR LECTURER

Class Teaching: B.U.M.S.

Publications:

Books:

- Qadeer, A. (2004). TIBBI SAHA'IF. Educational Publishing House, Lal Kuan, Delhi.

Chapter in Book:

- Articles in Urdu News Papers: Eleven
- Abstracts of conference papers: Two

Conference/Seminar/Symposium/Workshop Attended:

- Workshop on *Minimum Standard of P. G. Syllabus*, organized by CCIM at Bhopal (March 29-30, 2005)
- National Seminar on *Hifzane Sehat*, Department of Hifzane Sehat, A. K. Tibbiya College, A.M.U., Aligarh (October 5-6, 2004)

Administrative/Advisory Engagements:

- Member, Academic Council, Jamia Hamdard

Academic Honours/Distinctions:

- "Urdu Academy Award-2004 (On The Book Tibbi Sahaif)", awarded by Urdu Academy, Delhi at Rajendra Bhavan, New Delhi (March 16, 2005)

Extra-Curricular Activities:

- Member, PR Group (urdu press release), Jamia Hamdard
- Participated in Polio Awareness Programme in western U. P.
- Delivered two lectures in Re-orientation programme for Moallimeen-e-Madaris, organized at Talimabad on the Topic "Moral Values".

3. YASMEEN SHAMSI, B.U.M.S., M.D., LECTURER

Class Teaching: B.U.M.S.

Conference/Seminar/Symposium/Workshop Attended:

- International Workshop on *Recent Trends in Environmental Sciences*, organized by National

Environmental Science Academy, at Jamia Hamdard (April 24-26, 2004)

- *Community Preparedness Programme on Developing Volunteers for Disaster Preparedness*, organized by National Environmental Science Academy at IIT, Delhi (September 11-14, 2004)
- International Conference on *Unani Medicine*, organized by CCRUM, New Delhi (February 8-11, 2004)

DEPARTMENT OF MOALIJJAT

Head: Prof. S. Shakir Jamil

The department has 7 teachers and 3 non-teaching employees. The department offers BUMS and M.D (Moalijat) programmes of study. Moalijat deals with diseases and their management. The training is carried out with the help of modern teaching tools including clinical and bedside demonstrations to the students. In P.G, clinical research is carried out on various diseases and Unani formulations are tested on modern clinical and scientific parameters. Research helps in proving safety and efficacy of Unani drugs and provides scientific and evidence based rationale for their usage. Research programmes are designed to provide safe Unani drugs for common diseases like hypertension, obesity, arthritis, tuberculosis etc.

Department of Moalijat has taken the lead in reviving Ilaj bil Tadbeer (Regimental therapies) that are the specific classical methods of treatment in Unani Medicine, very useful for prevention and treatment of various incurable diseases. Some of these methods viz Ilaj bil hajamat (cupping), Ilaj bil fasd (venesection) and Ilaj bil taleeq (leeching) are practiced in the Dept. of Moalijat for the treatment of arthritis and some other diseases. Some clinical studies are also being conducted to evaluate the efficacy and utility of these methods on modern parameters. During this year Regimental therapy section and a P.G laboratory have been added in the department.



Venesection technique for treatment of Arthritis

VIP's visit to the Department:

- **Dr. V. K. Gupta**, Director, NISCAIR, New Delhi visited the department during this year.

Other Information:

- Health, Intellectual Property, Pharmaceutical Industry and the Unani System of Medicine delivered by **Mr. Guriqbal Singh Jaiya**, Director, SMES Division, World Intellectual Property Organization (WIPO), Geneva, Switzerland (November 25, 2004)
- The department participated in *Arogya Mela*, organized by Jain Naturocare Welfare Society, New Delhi (August 25, 2004)

M.Ds awarded

- 03 M.Ds were awarded during this period.

TEACHERS' PROFILES

1. SHAKIR JAMIL, B.I.M.S., D.M.A., M.D., PROFESSOR

Class Teaching: B.U.M.S., M.D.

Research Guidance: 01 M.D. awarded; 03 M.Ds in progress

Publications:

- Jamil, S., Akhtar, J. & Ahmed, S. (2004). Aetiology of chronic bronchitis in a secondary care clinic in Delhi and its relation to Mizaj. *Hamdard Medicus* 47: 90-93.
- Ahmed, S. Akhtar, J. & Jamil, S. (2004). Glycyrrhiza glabra Linn. in Unani formulations. *Hamdard Medicus* 47: 76-79.
- Jamil, S., Alam, K. Ahmed, S. & Akhtar, J. (2004). Clinical evaluation of Punica granatum Linn. fruit rind in Zaheer Amoebi (Intestinal Amoebiasis). *Hamdard Medicus* 47: 61-65.
- Jamil, S. Akhtar, J. Ahmed, S. & Siddiqui, M.A. (2004). Fasd (Venesection) and its utility in the treatment. *Hamdard Medicus* 47: 93-94.
- Ahmed, S. Akhtar, J. and Jamil, S. (2004). Some important websites on plant sciences. *Hamdard Medicus* 47: 62-69.
- Akram, U., Jamil, S. & Mukherjee, A. (2004). Cognitive management of cerebral palsy with Unani formulation. *Hamdard Medicus* 47: 92-95.
- Anwar, M., Javed, G., Jamil, S. & Sarwar, M. (2004). Geriatric care in Unani system of medicine- A prophylaxis. *Hamdard Medicus* 47: 96-99.
- Abstracts of conference papers: Eleven

Research Project: One (funded by AYUSH)

Conference/Seminar/Symposium/Workshop Attended:

- *Brain Storming Workshop on Herbo-Mineral Drugs*, organized by Indian Geological Congress and Jamia Hamdard (December 7-8, 2004)
- International Conference on *Unani Medicine*, organized by CCRUM, New Delhi chair a session (February 8-11, 2004)

Administrative/Advisory Responsibilities:

- Dean, Faculty of Medicine, Jamia Hamdard
- Head, Department of Moalijat, Jamia Hamdard
- Secretary, Ethical Committee for Clinical Research, Jamia Hamdard
- Chairman Board of Studies, Dept of Moalijat, Jamia Hamdard
- Member, Faculty Committee, Faculty of Medicine, Jamia Hamdard, Academic Council Jamia Hamdard and Standing Committee Jamia Hamdard
- Member, Hospital Management Committee, Jamia Hamdard.
- Member, Bhartiya Chikitsa Parishad, Delhi State

2. M. AKHTAR SIDDIQUI, B.I.M.S., M.A., P.G.D.H.A., M.D., READER

Class Teaching: B.U.M.S., M.D. (Unani)

Research Guidance: 01 M.D. awarded; 03 M.Ds in progress

Publications:

- Abstracts of conference papers: Two

Research Project: One (funded by AYUSH)

Conference/Seminar/Symposium/Workshop Attended:

- International Conference on *Unani Medicine*, Organized by CCRUM, New Delhi (February 8-11, 2004)



Dr. Anbumani Ramadoss, Union Minister of Health and Family Welfare giving away a prize to a MD student

Academic/Advisory Engagements:

- Incharge, Clinical training of BUMS and MD (Moalijat) students

3. FASIHUZZAMAN, B.U.M.S., M.D. (Moalijat) , SENIOR LECTURER

Class Teaching: B.U.M.S., M.D. (Unani)

Research Guidance: 02 M.Ds

Publications:

- Alam, K., Jamil, S.S., Ahmad, S., Akhtar, J. & Fasihuzzaman (2005). Clinical evaluation of Punica granatum Linn. fruit rind in Zaheer Ameerbai (Intestinal Amoebiasis). *Hamdard Medicus* **47**: 70-75.
- Articles in Urdu News Papers/Magazines: Five
- Abstracts of conference papers: Four

Conference/Seminar/Symposium/Workshop Attended:

- International Workshop on *Recent Trends in Environmental Sciences*, organized by National Environmental Science Academy at Jamia Hamdard (April 24-26, 2004)
- International Conference on *Unani Medicine*, organized by CCRUM, New Delhi (February 8-11, 2004)

Administrative/Advisory Engagements:

- Incharge, Ilaj bil Tadbeer Section (Regimenal therapy)
- Incharge, Free distribution of Unani Medicine scheme

4. ASIM ALI KHAN, B.U.M.S., SENIOR LECTURER

Class Teaching: B.U.M.S., M.D.

Research Guidance: 03 M.Ds

Publications:

- Ahmad, Z., Khan, A.A. & Ahmad, J. (2004). Analgesic and diuretic effects of a herbo-mineral preparation of *Dolichos biflorus*, *Tribulus terresteris*, *Lapis judaicus* and otolith in urolithiasis cases. *J. Sci. Pharm.* **5**: 89-93.
- Articles in Urdu News Papers/Magazines: Four

Conference/Seminar/Symposium/Workshop Attended:

- National Seminar on *AIDS*, organized by National Healthcare Foundation, held at Jamia Hamdard (July 10, 2004)
- Attended 5-day Appreciation Course in Parliamentary Processes and Procedures (January 2005)

Administrative/Advisory Engagements:

- Joint Secretary, Literary and Cultural Committee, Jamia Hamdard
- Assistant Proctor, Jamia Hamdard

- Member, Board of Studies, Department of Moalijat
- Member, Editorial Board, Spread Sheet (The University News Letter)

4. ASIA SULTANA, B.U.M.S., M.D., LECTURER

Class Teaching: B.U.M.S., M.D.

DEPARTMENT OF TAHAFFUZI WA SAMAJI TIB & TIBBE QANOONI WA ILMUL SHAMOOM

Head: Hkm. Mashkoor Ahmed

The department of Tahaffuzi Wa Samaji Tib (Preventive and Social Medicine) at undergraduate and Postgraduate levels, comprises two disciplines; Tahaffuzi Wa Samaji Tib and Tibbe Qanooni Wa Imlul Samoom. The academic activities also include community health programs and field surveys. The department of Tahaffuzi Wa Samaji Tib is actively involved in the polio eradication programmes with UNICEF for Social Mobilization of Under served population of Ghaziabad, Meerut and Buland Shahar districts of Uttar Pradesh. .

At present, it has one Reader and two Lecturers. The audiovisual facilities of the department have been enhanced this year with computer accessories, soft wares and CDs for medical education. The department also organized a Consultation-cum-training workshop on Polio Eradication

Other Information

- Post Graduate Scholars regularly take part in various academic as well as extra curricular activities of the Department, like Participation in National and International Seminars and presentation of papers as delegates, Published Articles in National Magazine and other extra curricular activities, such as participation in different Health Programs at National Level.
- Students and teachers of the department regularly take part in the pulse polio program in different high-risk areas of the western Uttar Pradesh. Students also perform Field Surveys in Slum Areas of Delhi, like Sangam Vihar and Tughlaqabad etc.

VIP's visits to department

- **Dr. Klaus Steltmann**, Professor of Education, University of Bonn, Germany visited the department during this year (March 11, 2005)

TEACHERS' PROFILES

1. MASHKOOR AHMAD, B.I.M.S., M.A., M. Phil. (Persian), READER

Class Teaching: B.U.M.S., M.D. (Unani)

Research Guidance: 05 M.Ds (Unani)

Publications:

- Abstracts of conference papers: Eleven

Conference/Seminar/Symposium/Workshop Attended:

- Workshop on *Developing Volunteers for Disaster Preparedness*, organized by National Environmental Science Academy (NESA), New Delhi (September 11-14, 2004)
- International Conference on *Unani Medicine*, organized by CCRUM, New Delhi; and chaired a session (February 8-11, 2005)
- International Conference on *Hifzane Sehat aur Mahoiyat*, organized by Department of Hifzane Sehat wa Samji Tib, Faculty of Unani Medicine, AMU, Aligarh (February 29, 2005)

Administrative/Advisory Engagements:

- Head, Department of Tahaffuzi wa Samaji Tib
- Member, Standing Committee of Academic Council, Jamia Hamdard
- Member, Faculty Committee, Faculty of Medicine (U)

Academic Honours/Distinctions:

- Recognised as Teacher of the University of Mumbai for the Ph.D degree in Tahaffuzi wa Samaji Tib (November 1, 2004)
- Member, Scientific Advisory Committee, Cenral Council for Research in Unani Medicine, Ministry of Health & Family Welfare, Govt. of India.
- Appointed as Judge in National Level competition of Essay writing at CCRUM, New Delhi (December 31, 2004)

- Member, Project Evaluation Committee for Screening of Extra Mural Projects (CSIR)
- Member, Research and Recognition Committee, Mumbai University, Mumbai

Extra-Curricular Activities:

- Member, Working Committee, All India Unani Tibbi Conference
- Patron, Delhi State Unani Tibbi Conference.

2. M. JUNAID SIDDIQUI, B.U.M.S., SENIOR LECTURER**Class Teaching:** B.U.M.S.**Publications:**

- Siddiqui, M.J. (2004). Sanp Ka Katna Aur Uski Tadabeer. *Yojna* **23(11)**: 38
- Siddiqui, M.J. (2004). Hidustani Railway Taiz Raftar Taraqi Ki Taraf Gamzan. *Tej (New Delhi) & Pasban (Banglore)* (4/9/2004).
- Abstracts of conference papers: Five

Conference/Seminar/Symposium/Workshop Attended:

- International Conference on Unani Medicine, Organized by CCRUM, New Delhi (February 8-11, 2004)

Extra-Curricular Activities:

- *Developing Volunteers For Disaster Mitigation*, National Council for Science and Technology Communication, New Delhi (September 11-14)
- Supervised various campaigns organized by the department of Tahafuzi-Wa Samaji Tibb, Faculty of



Faculty members participate in a seminar of National Environmental Science Academy



Medicine, Jamia Hamdard for Polio Eradication Program at Gaziabad, Bulandshaher, and Meerut

- Delivered talks on All India Radio, External Service Division (broadcasted on 11.11.03, 30.11.03, 10.02.04, 31.08.04, 08.02.05)

3. MOHAMMAD AKRAM, B.Sc., B.U.M.S., M.D. (Hifzane Sehat), LECTURER

Class Teaching: B.U.M.S., M.D. (Unani)

Research Guidance: 02 M.Ds (Unani)

Publications:

- Abstracts of conference papers: Eight

Conference/Seminar/Symposium/Workshop Attended:

- National Seminar on *AIDS*, organized by National Healthcare Foundation at Jamia Hamdard (July, 10 2004)
- National Seminar on *Hifzane Sehat*, Department of Hifzane Sehat, Ajmal Khan Tibbiya College, AMU, Aligarh (October 5-6, 2004)
- International Conference on *Unani Medicine*, organized by CCRUM, New Delhi (February 8-11, 2005)
- International Seminar on *Hifzane Sehat*, Ajmal Khan Tibbiya College, AMU, Aligarh (March 29-30, 2005)

Research project: One (funded by UNICEF)

Extra-Curricular Activities:

- Organized Pulse Polio Programmes at various parts of Ghaziabad, Buland Shahar and Meerut Districts
- Organized a One Week camp entitled "Awareness Creation for PEI among Haj Pilgrims" at Haj Manzil, New Delhi (January 3-9, 2005)
- Coordinated a Delegation of United Nations Foundation for analysis of Mother and Child Health programmes at Ghaziabad district headed by Mr. Timothy E. With, President of U.N. Foundation (February 6, 2005)

- Chaired a Scientific Session on Hygiene and Environment at International Seminar on Hifzane Sehat organized by A.K.Tibbiya College, AMU, Aligarh (March 29-30, 2005)

DEPARTMENT OF TASHREEH WA MUNAFEUL AZA

Head: Hkm S. Mahtab Ali

The department comprising of four teachers and three non-teaching staffs. The department is engaged in the teaching of Tashreeh (Anatomy) and Munafeul Aza (Physiology) to BUMS students.

New infrastructure added in the Department

One semi Automatic blood analyzer and one oven with digital control were added to the laboratory during this year.

VIPs' visits to the Department:

The following dignitaries visited to the department during this year:

- Prof. Kiran Kuchariya**, Head, Department Anatomy, AIIMS, New Delhi
- Prof. Reeva Choudhary**, Head, Department Anatomy, Lady Hardening Medical College, New Delhi

TEACHERS' PROFILES

1. SYED MAHTAB ALI, B.I.M.S., W.A.I.M., READER

Class teaching: B.U.M.S.

Publications:

- Ali, S. M. & Khursheed, K.A. (2004). A short term study showing the correlation between blood group A+ and temperament (Sanguine) Damwi Mizaj. *J. Sci. Pharm.* **5**: 154-156.
- Abstracts of conference papers: Two

Conference/Seminar/Symposium/Workshop Attended:

- International Workshop on *Recent Trends in Environmental Science*, organized by NESA & Jamia Hamdard (April 24-26, 2004).
- National Seminar on *AIDS*, organized by National Healthcare Foundation at Jamia Hamdard (July, 10 2004).
- Seminar on *Self-empowerment*, organized by Youth Wing of Rajyoga Education & Research foundation, New Delhi (January 6, 2005)
- National Seminar on *Analytical Science*, organized by Indian Society of Analytical Scientist & Jamia Hamdard (February 9, 2005)

- International Conference on Unani Medicine, organized by CCRUM, New Delhi (February 8-11, 2005)
- Intellectual Property Rights Awareness Seminar on Pharmaceuticals, organized by Faculty of Pharmacy, Jamia Hamdard (February 26, 2005)

Research Project: One (funded by AYUSH)

Administrative/Advisory Engagement:

- Head, Department of Anatomy and Physiology
- Member, Standing Committee and Academic Council, Jamia Hamdard
- Member, Faculty Committee
- Member, Board of Studies, Department of Tashreeh Wo-Munafeul Aza, AK Tibbia College, Aligarh

Extra-Curricular Activities:

- Life Member, Indian Society of Analytical Scientist
- Working as NSS Programme coordinator and organized following activities:
 - Various lecturers, training programme on HIV/AIDS
 - Health awareness programme on every 2nd and 4th Saturday
 - Blood Donation camp on 14th Feb. 2005
 - Rallies on World AIDS Day
 - Plantation programmes
 - Participated in pulse polio programmes
 - Represented Jamia Hamdard in the celebrations of World Disabled Day on 3rd Dec 2004

2. ANWAR H. KHAN, B.U.M.S., M.D., LECTURER

Class Teaching: B.U.M.S.

Publications:

- Khan, A. H., (2004). Hazard environmental pollution. NESAs News Letter 7: 2.
- Abstracts of conference papers: Three

Conference/Seminar/Symposium/Workshop Attended:

- International Workshop on Recent Trends in Environmental Sciences, organized by National Environmental Science Academy & Jamia Hamdard (April 24-26, 2004)
- Seminar on Herbal Products/Medicine 2004, organized by Foundation for Promotion of natural products at India Habitate Center, New Delhi (April 30, 2004)
- National Seminar on AIDS, organized by National Healthcare Foundation, held at Jamia Hamdard (July, 10 2004)



Hkm. S. Mehtab Ali, Tabiba Asia Sultana, Hkm. Anwar H. Khan and Students in pulse polio campaign

- Workshop on *Developing Volunteers for Disaster Preparedness*, organized by National Environmental Science Academy at IIT, New Delhi (September 11-14, 2004)

Administrative/Advisory Engagement:

- Secretary, Sports & Games committee Jamia Hamdard
- NCC Officer, Jamia Hamdard
- Member, University Assessment Committee, Jamia Hamdard
- Member, Board of Studies, Dept. of Tashreeh wo-Munafeul Aza
- Member, Faculty Committee (Medicine)
- Member, Placement Cell, F/O Unani Medicine, Jamia Hamdard

3. S.M. AQUIL RIZVI, B.I.M.S., LECTURER (SELECTION GRADE)

Class teaching: B.U.M.S.

Publications:

- Abstracts of conference papers: One

Conference/Seminar/Symposium/Workshop Attended:

- National Seminar on *AIDS*, organized by National Healthcare Foundation, held at Jamia Hamdard (July, 10 2004)
- International Conference on *Unani Medicine*, organized by CCRUM, New Delhi (February 8-11, 2005)

Administrative/Advisory Engagement:

- Member, Board of Studies (Department of Tashreeh-ul-Badan and Afal-ul-Aza)

4. KHURSHEED AHMAD ANSARI, B.U.M.S., M.D., LECTURER

Class teaching: B.U.M.S.



A delegation from Shahid Beheshti University of Iran with the Director, HARC

Publications:

- Ali, S. M. & Khurshed, K.A. (2004). A short term study showing the correlation between blood group A+ and temperament (Sanguine) Damwi Mizaj. *J. Sci. Pharm.* 5: 154-156.
- Abstracts of conference papers: Three

Conference/Seminar/Symposium/Workshop attended:

- 12th Annual Conference of DDF Diabcon 2004, New Delhi (April 10-11, 2004)

- Workshop on Developing Volunteers for Disaster Preparedness, organized by National Environmental Science Academy (NESA), New Delhi (September 11-14, 2004)
- Intellectual Property Rights Awareness Seminar on Pharmaceuticals, organized by Faculty of Pharmacy, Jamia Hamdard (February 26, 2005)

Academic/Advisory Engagements:

- Members, Sports & Culture Committee, Career Counseling Cell and Press Release Committee, Academic Council of Jamia Hamdard

Extra-Curricular Activities:

- Spoke on career counseling on D.D. Programme "Lakshya" about Unani Medicine, aired on 12 March 2005 (6 PM to 6:30 PM)
- Resource person on "R&D in Unani Medicine", a seminar organized by All India Graduate Association, Delhi on 23 Jan 2005.
- Joint Secretary, NEWA (Nizam Educational & Welfare Society)
- Member, All India Graduate Association
- Editor, "Doosra Chhor" (Hindi)



Door-to-door service for Polio Eradication.

Faculty of Nursing

This is a teaching-oriented Faculty. Mrs. Bandana Bhattacharya is the Principal / Working Dean of the Faculty. Faculty of Nursing offers two programmes B.Sc. (Hons.) Nursing and Diploma in General Nursing and Midwifery. Duration of these courses are 4 years & 3 ½ year respectively. Both the courses are recognized by the Indian Nursing Council (INC). Annual intake of the courses is 20 in each course. The faculty also has educational exchange programme with the University of Wisconsin, USA. This year 12 foreign students enrolled for nursing programmes, 6 in B.Sc. (Hons.) Nursing programme and 6 in DGNM programme. It has 19 faculty members and 7 non teaching staff.

VIP's Visit to the Department:

Dr. Klaus Steltmann, Prof. of Education, University of Bonn, Germany visited the faculty and delivered a lecture on "Educational Technologies" (10 March, 2005)

Seminar/Workshop organized:

3rd National Conference of Society of Midwives, organized jointly with Society of Midwives, Delhi Chapter (December 09 - 11, 2004).

One day Workshop on *Enhancing the Role of Midwives in Reducing Maternal Mortality*, organized jointly with Society of Midwives, Delhi Chapter (September 18, 2004)

Other Informations:

A Health Education Group Project on Care of Girl Child was conducted by the B.Sc. (Hons.) Nursing IV year students in Sangam Vihar under the guidance of Mrs. Seema Rani, Lecturer, Faculty of Nursing.

B. Sc. (H) Nursing II year students conducted a series of Health Awareness Programme at Safdarjung Hospital Ward and OPD.

Principal / Working Dean



Mrs. Bandana Bhattacharya



TEACHERS' PROFILES

1. BANDANA BHATTACHARYA, M. Phil. (NURSING), WORKING DEAN

Class Teaching: B. Sc. (Hons.) Nursing IV Year

Conference/Seminar/Symposium/Workshop attended:

- One Day Workshop on *Enhancing the Role of Midwives in Reducing Maternal Mortality*, organized by Jamia Hamdard and Society of Midwives, Delhi Chapter (September 18, 2004)
- *3rd National Conference of Society of Midwives* organized by jointly with Jamia Hamdard and Society of Midwives, Delhi Chapter (December 09 11, 2004).

Administrative/Advisory Engagements:

- Principal / Working Dean, Faculty of Nursing
- Member Secretary, Internal Security Committee, Jamia Hamdard
- Chairperson of the committee constituted to look into the matters of women harassment in Jamia Hamdard Campus

Extra-Curricular Activities:

- Programme Coordinator, Post Graduate Diploma in Dietetics and Therapeutic Nutrition, Distance Education, Jamia Hamdard.
- Chairperson, Kendriya Vidhalyay Sangathan.

2. URMILA DEVI BHARDWAJ, M. Sc. (Nursing), LECTURER

Class Teaching: B. Sc. (Hons.) Nursing

Conference/Seminar/Symposium/Workshop attended:

- One Day Workshop on *Enhancing the Role of Midwives in Reducing Maternal Mortality*, organized by Jamia

Hamdard and Society of Midwives, Delhi Chapter (September 18, 2004)

- *3rd National Conference of Society of Midwives* organized by jointly with Jamia Hamdard and Society of Midwives, Delhi Chapter (December 9 11, 2004).

Administration/Advisory Engagements:

- Coordination, Placement Cell for Faculty of Nursing
- Chairperson, Anti-Ragging Committee for Faculty of Nursing.

Extra-Curricular Activities:

- Nodal officer, Pulse Polio Programme for Directorate of Health Services, New Delhi.

3. PRANATI BARUA, M. Sc. (Nursing), LECTURER

- On Extra Ordinary Leave for 2 years for doing a job assignment at the Ibra Nursing Institute, Ibra, Sultanate of Oman.

4. MADHURI WALTERS, M. Sc. (Nursing), LECTURER

Class Teaching: B. Sc. (Hons.) Nursing

Conference/Seminar/Symposium/Workshop attended:

- One Day Workshop on *Enhancing the Role of Midwives in Reducing Maternal Mortality*, organized by Jamia Hamdard and Society of Midwives, Delhi Chapter (September 18, 2004)
- *3rd National Conference of Society of Midwives* organized by jointly with Jamia Hamdard and Society of Midwives, Delhi Chapter (December 9 11, 2004).

Extra-Curricular Activities:

- Organizer, Journal Club, Faculty of Nursing, Jamia Hamdard.

5. TARUNA ARORA, M. Sc. (Nursing), LECTURER

Class Teaching: B. Sc. (Hons.) Nursing

Conference/Seminar/Symposium/Workshop attended:

- Annual General Body Meeting of TNAI, Delhi Branch (March 2005)

Administration /Advisory Engagements:

- Tabulator for Annual Examination, Jamia Hamdard
- Incharge, Nursing Arts Lab, Faculty of Nursing.

Academic Honours/Distinctions:

- Completed Post Graduate Diploma in Higher Education from IGNOU through distance mode

Extra-Curricular Activities:

- Written & submitted 2 units & updated and revised 3 units of Medical Surgical Nursing course of Post Basic B.Sc. Nursing programme of IGNOU



Nursing teacher and students at social service

6. MANJU CHHUGANI, M. Sc. (Nursing), LECTURER

Class Teaching: B. Sc. (Hons.) Nursing

Conference/Seminar/Symposium/Workshop attended:

- Workshop on *Disaster Management* at India International Centre, organized by National Heart Care Foundation (May 11, 2004)
- One Day Workshop on *Enhancing the Role of Midwives in Reducing Maternal Mortality*, organized by Jamia Hamdard and Society of Midwives, Delhi Chapter (September 18, 2004).
- *26th Annual Conference of Association of Obstetrician and Gynaecologists of Delhi (AOGD)*, at Hotel Park Royal, New Delhi (October 09 & 10, 2004)
- One Day Seminar on *Holistic Organizational Development* organized by Department of Management Studies, Jamia Hamdard (October 16, 2004)
- *One Day Continuing Medical Education on Menopausal Medicine*, organized on occasion of World Menopause Day at Hotel Taj Palace (October 17, 2004)
- *3rd National Conference of Society of Midwives* organized by Society of Midwives, Delhi Chapter (December 09 11, 2004)

Administration/Advisory Responsibilities:

- Maintenance Incharge, Building of Faculty of Nursing

Extra-Curricular Activities:

- Coordinated 10 days Training of Trainers (TOT) for Trainers of ANM in Model Subcentre (Rajasthan), Jaipur, conducted by Academy for Nursing Studies and supported by UNICEF, (March 16-24, 2005)
- Web Cell Incharge, Faculty of Nursing
- Member, Career Counseling Committee, Jamia Hamdard
- Invited by Delhi Doordarshan for Live Show on "Healthy India" for discussion on "Hearing Loss"
- Tabulator, Annual Examination, Jamia Hamdard

7. VEENA SHARMA, M. Sc. (Nursing), LECTURER

Class Teaching: B. Sc. (Hons.) Nursing

Publications:

- Sharma, V. (2005). Spinal cord injury & emotional problems. *Nursing J. India* **XCVI**: 12-13.
- Abstract of conference paper: One

Conference/Seminar/Symposium/Workshop attended:

- One Day Workshop on *Enhancing the Role of Midwives in Reducing Maternal Mortality*, organized by Jamia Hamdard and Society of Midwives, Delhi Chapter (September 18, 2004)
- *3rd National Conference of Society of Midwives* organized by Society of Midwives, Delhi Chapter (December 09 11, 2004).



- National Meet on Prevention of Drug Abuse in Prisons & Correctional Settings held at Jamia Hamdard, organized by National Institute of Social Defense (February 22-26, 2005)
- 4-days course on 'Home Nursing' organized by St. John Ambulance Brigade, New Delhi Headquarter (March 13, 2005)

8. SEEMA RANI, M. Sc. (Nursing), TUTOR

Class Teaching: B.Sc. (Hons.) Nursing, DGNM

Publications:

Abstracts of conference papers: Two

Conference/Seminar/Symposium/Workshop attended:

- One Day Workshop on Enhancing the Role of Midwives in Reducing Maternal Mortality, organized by Jamia Hamdard and Society of Midwives, Delhi Chapter (September 18, 2004)
- 3rd National Conference of Society of Midwives organized by Society of Midwives, Delhi Chapter (December 09-11, 2004).
- Short term Course on Palliative Care organized by Institute of Rotary Cancer Hospital, All India Institute of Medical Sciences (February, 2005)
- 4-days course on Home Nursing, organized by St. John Ambulance Brigade, New Delhi Headquarter and delivered a lecture on Communicable Diseases (March 13, 2005)

Administration/Advisory Responsibilities:

- Incharge, Ruffaida Health Centre, Talimabad, Sangam Vihar.
- Tabulator for University Examination

Extra-Curricular Activities:

- Participated actively in National Polio Eradication Programme in identified resistant areas in U.P. with the help of BUMS and Nursing students to mobilize the community for polio vaccination. This programme was in collaboration with Deptt. of Hygiene, Faculty of Medicine, Jamia Hamdard.
- Life Member, Nursing Research Society of India

9. GRACE PAUL, M. Sc. (Nursing), TUTOR

Class Teaching: B. Sc. (Hons.) Nursing, DGNM, PGDDTN-Nutrition

Publications:

Abstracts of conference paper: One

Conference/Seminar/Symposium/Workshop attended:

- One Day Workshop on Enhancing the Role of Midwives in Reducing Maternal Mortality, organized by Jamia

Hamdard and Society of Midwives, Delhi Chapter (September 18, 2004)

- 3rd National Conference of Society of Midwives organized by Society of Midwives, Delhi Chapter (December 09 11, 2004).

Administration/Advisory Responsibilities:

- Responsible for SNA Unit activities as SNA Advisor
- Coordinator, Sigma Theta Tau, International Honor Society of Nursing
- Incharge Nutrition lab

Academic Honors/Distinctions:

- Completed M. Phil degree in Nursing from Manipal Academy of Higher Education (MAHE) in October, 2004

Extra-Curricular Activities:

- Participated in the Pulse Polio Immunization Programmes.
- Advisor to student nurses activities.

10. HEMLATHA NAIR, B. Sc. (Nursing), TUTOR

Class Teaching: D.G.N.M.

Administration/Advisory Responsibilities:

- One Day Workshop on Enhancing the Role of Midwives in Reducing Maternal Mortality, organized by Jamia Hamdard and Society of Midwives, Delhi Chapter (September 18, 2004)

Extra-Curricular Activities:

- Worked as a Judge for various cultural activities conducted by the Faculty of Nursing under SNA.

11. EKE LAMA TAMANG, B. Sc. (Nursing), TUTOR

Class Teaching: B. Sc. (Hons.) Nursing

Conference/Seminar/Symposium/Workshop attended:

- One Day Workshop on Enhancing the Role of Midwives in Reducing Maternal Mortality, organized by Jamia Hamdard and Society of Midwives, Delhi Chapter (September 18, 2004)
- 3rd National Conference of Society of Midwives organized by Society of Midwives, Delhi Chapter (December 09 11, 2004).

Administration/Advisory Responsibilities:

- Teacher incharge of Audio-Visual Lab, Computer Lab, maintenance of inventory book of A.V. Aids.
- Teacher incharge of auditorium of UG Girls Hostel.

Extra-Curricular Activities:

- Social Worker and Care Taker of street children and old people for admitting them in Divya Jyoti Ashram, Phase VI, Aya Nagar, New Delhi.

12. BEENAMMA BENNY, M. Sc. (Nursing), CLINICAL INSTRUCTOR

Class Teaching: B. Sc. (Hons.) Nursing

Conference/Seminar/Symposium/Workshop attended:

- One Day Workshop on *Enhancing the Role of Midwives in Reducing Maternal Mortality*, organized by Jamia Hamdard and Society of Midwives, Delhi Chapter (September 18, 2004)
- *3rd National Conference of Society of Midwives* organized by Society of Midwives, Delhi Chapter (December 09 11, 2004).

13. MADHAVI VERMA, B. Sc. (Nursing), TUTOR

- On study leave for pursuing M.Sc. Nursing course from RAK College of Nursing, New Delhi.

14. SANTOSH DOGRA, M. Sc. (Nursing), TUTOR

Class Teaching: DGNM, B. Sc. Nursing

- One Day Workshop on *Enhancing the Role of Midwives in Reducing Maternal Mortality*, organized by Jamia Hamdard and Society of Midwives, Delhi Chapter (September 18, 2004)
- National Meet on *Prevention of Drug Abuse in Prisons & Correctional Settings* held at Jamia Hamdard organized by National Institute of Social Defense (February 22-26, 2005)

15. MEHRUN NISHA, B. Sc. (Nursing), CLINICAL INSTRUCTOR

- On study leave, for pursuing M.Sc. Nursing course from RAK College of Nursing, New Delhi.

16. MIKKI KHAN, B. Sc. (Nursing), CLINICAL INSTRUCTOR

- **Class Teaching:** DGNM, DMLT, Diploma in Dialysis & Diploma in ECG & OT

Conference/Seminar/Symposium/Workshop attended:

- *One Day Workshop on Enhancing the Role of Midwives in Reducing Maternal Mortality*, organized by Jamia Hamdard and Society of Midwives, Delhi Chapter (September 18, 2004)
- *3rd National Conference of Society of Midwives* organized by Society of Midwives, Delhi Chapter (December 09 11, 2004).

Administration/Advisory Responsibilities:

- Assisting in Rufaida Health Centre, Talimabad
- Assistance in Nursing Art Lab, Faculty of Nursing, Jamia Hamdard

Extra-Curricular Activities:

- Working as part time warden in U.G. Girls Hostel.

17. SARTAJ PARVEEN, B. Sc. (Nursing), CLINICAL INSTRUCTOR

Class Teaching: B.Sc. (Hons) Nursing, DGNM

Conference/Seminar/Symposium/Workshop attended:

- One Day Workshop on *Enhancing the Role of Midwives in Reducing Maternal Mortality*, organized by Jamia Hamdard and Society of Midwives, Delhi Chapter (September 18, 2004)



Nursing students in the oath ceremony

- 3rd National Conference of Society of Midwives, organized by Society of Midwives, Delhi Chapter (December 09 11, 2004).

Administration/Advisory Responsibilities:

- Assisting Rufaida Health Centre, Talimabad
- Assisting Periodic Health Checkup of students

Extra-Curricular Activities:

- Participation in Pulse Polio programme

18. JAMAL FATIMA, B. Sc. (Nursing), CLINICAL INSTRUCTOR

Class Teaching: DGNM II Year

Conference/Seminar/Symposium/Workshop attended:

- One Day Workshop on Enhancing the Role of Midwives in Reducing Maternal Mortality, organized by Society of Midwives, Delhi Chapter (September 18, 2004)
- 3rd National Conference of Society of Midwives

organized by Society of Midwives, Delhi Chapter (December 09 11, 2004).

Administration/Advisory Responsibilities:

- Assisting Rufaida Health Centre, Talimabad
- Assisting A.V. Aids lab Faculty of Nursing, Jamia Hamdard
- Organized educational tour to Hyderabad for B.Sc. IV & GNM III students

Extra-Curricular Activities:

- Working as part time warden in U.G. Girls Hostel.
- Participated in Pulse Polio programme

19. ANJALI KAUSHIK, B. Sc. (Nursing), CLINICAL INSTRUCTOR

Class Teaching: B.Sc. (Hons.) Nursing

Administration/Advisory Responsibilities:

- Assisting Rufaida Health Centre, Talimabad



Faculty of Pharmacy

Areas of research include synthesis of new compounds with special emphasis on anti-inflammatory, antibacterial, antihepatotoxic, antihypertensive, anticonvulsant, anticancer, antidepressant and analgesic activity. Studies on pro-drug, isolation, characterization and biological evaluation of constituents from indigenous medicinal plants and standardization of Unani drugs are also the thrust area of the Department. The department has 14 teachers (1 Emeritus Professor, 01 Professor, 04 Readers, 08 Lecturers) and 11 non-teaching staff.

V.I.P.s' Visits to the Department

Following VIP's visited the faculty during this year:

- **Prof. B. Jayaram**, Professor, Department of Pharmaceutical Chemistry, IIT, Delhi
- **Dr. Sreedhar Rao Voleti**, Group Leader, Mol. Modeling, NDDR, Ranbaxy Labs, Gurgaon
- **Dr. Chandan Raychaudhury**, Application Scientist, Accelrys Ltd., Bangalore.
- **Prof. T. R. Bhardwaj**, Dean & Head, Institute of Pharmaceutical Sciences, Punjab University, Chandigarh
- **Prof. V. K. Kapoor**, Institute of Pharmaceutical Sciences, Punjab University, Chandigarh
- **Prof. S. N. Pandeya**, Director, Institute of Pharmacy, Purvanchal University Jaunpur, UP
- **Prof. Y. Kumar**, Director, Department of Pharmacy, ITS, Muradnagar, UP
- **Prof. V. K. Pandey**, Lucknow University, Lucknow
- **Dr. Rakesh Maurya**, Senior Scientist, Medicinal Chemistry Division, CDRI, Lucknow
- **Dr. K. Ishratullah**, Senior Scientist, Medicinal Chemistry Division, Indian Institute of Chemical Technology, Hyderabad

Workshops Organized:

- Molecular Modeling and Docking Studies, sponsored by Scube Scientific Solutions, New Delhi (January 5, 2005)
- QSAR in Drug Design, sponsored by Accelrys Ltd. Bangalore (February 17-18, 2005)

Dean



Prof. Mohammad Ali

Departments

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

DEPARTMENT OF PHARMACEUTICS

DEPARTMENT OF PHARMACOLOGY

DEPARTMENT OF PHARMACOGNOSY & PHYTOCHEMISTRY

New infrastructure added:

- Renovation of one M. Pharm. Pharmaceutical Analysis laboratory has been done during this year.

Ph.Ds Awarded

- 02 Ph.Ds were awarded during this period.

Students' performance in national exams

- 9 student have qualified G.R.E./TOEFEL Examination and got Admission in foreign Universities.
- 12 Students qualified GATE.

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

Head: Prof. S.A. Khan

TEACHERS' PROFILES

1. SUROOR AHMAD KHAN, M.Sc., Ph.D., PROFESSOR

Class Teaching: B. Pharm., M. Pharm.

Research Guidance: 07 Ph.Ds (5 full time, 2 part time),
02 M.Pharms.

Publications:

- Imran, M. & Khan, S.A. (2004). Antiinflammatory activity of some new 3-(2H-1-benzopyran-2'-one-3'-yl)-5-substituted aryl isoxazolines. *Asian J. Chem.* **16**: 543.
- Imran, M., Khan, S.A. & Siddiqui, N. (2004). Therapeutic Potential of 2-isoxazolines. *Indian J. Pharm. Sci.* **66**: 377.
- Imran, M. & Khan, S.A. (2004). Synthesis of novel 3,5-disubstituted isoxazolines as potential antibacterial and antifungal agents. *Indian J. Het. Chem.* **13**: 213.
- Khan, S. A., Imran, M., Arshad, M.F. & Kumar, S. (2004).

Development of safer NSAID by dual inhibition of COX-2 and 5-LOX. *Oriental J. Chem.* **20**: 275.

- Khan, S. A., Siddiqui, N., Imran, M. & Haque, S. W. (2004). Synthesis and antimicrobial screening of novel mannich bases of Isatin derivative. *Indian J. Pharm. Sci.* **66**: 830.
- Siddiqui, N., Drabu, S., Khan, S. A., Ahmad, S. & Rana, A., (2004). Synthesis and Pharmacological evaluation of some mannich bases of Isatin. *Him. Chem. Pharm. Bull.* **20**: 47-51.
- Siddiqui, N., Ali, S., Drabu, S., Khan, S. A. Rana, A., & Alam, M. (2004). Synthesis of 3-arylamino-4-aryl-5-(N-arylthiocarbonylimino)-4,5-dihydro-1,2,4-thiadiazoles as anticonvulsants agents. *Indian J. Hetero.Chem.* **14**: 159-160.

Conference/Seminar/Symposium/Workshop Attended:

- 56th Indian Pharmaceutical Congress, Kolkata (December 3-5, 2004)
- One day Seminar on *Applications of Modern Analytical Techniques in Chemical and Biological Sciences*, Jamia Hamdard (February 9, 2005)
- Intellectual property Rights Awareness Seminar on *Pharmaceuticals*, Faculty of Pharmacy, Jamia Hamdard, New Delhi (February 26, 2005)



Swami Agnivesh ji inaugurates pharmacy canteen

Administrative/Advisory Engagements:

- Head, Department of Pharmaceutical Chemistry
- Member, Academic Council
- Chairman, Board of Studies, Department of Pharmaceutics
- Member, Board of Research Studies (Faculty of Pharmacy)
- Superintendent, Annual Examinations (Faculty of Pharmacy)

Academic Honours/ Distinction:

- Elected as Member, American Association for Advancement of Science
- Referee, Indian Journal of Chemistry.
- Referee, Indian Journal of Heterocyclic Chemistry
- Referee, Natural Products Radiance.
- Expert, AICTE to visit Pharmacy Institution.

Extra-Curricular activities:-

- President, Hamdard University Teachers Association (HUTA)
- President, Federation of Central University Teachers Association (FEDCUTA)
- Life Member, Association of Pharmaceutical Teachers of India
- Life Member, Indian Society of Analytical Scientists
- Life Member, Indian Pharmacognostical Society

2. M.S.Y. KHAN, M.Sc., Ph.D. EMERITUS PROFESSOR

Research Guidance: 01 Ph.D.

Publication:

- Khan, M. S. Y., Chawla, G. & Mueed, M.A. (2004). Synthesis and biological activity of some Isoniazid based 1,3,4 oxadiazole derivatives. *Ind. J. Chem.* **43**: 1302-1305.
- Khan, M.S.Y. & Akhter, M. (2004). Glyceride derivatives as potential prodrugs: synthesis, biological activity and kinetic studies of Glyceride derivatives of mefenamic acid. *Die Pharmazie* **59**: 110.
- Khan, M.S.Y. & Akhter, M. (2004). Synthesis, biological evaluation and kinetic studies of glyceride prodrugs of diclofenac. *Indian J. Expl. Biol.* **42**: 1066-1072.
- Amir, M., Khan, M.S.Y. & Zaman, M.S. (2004). Synthesis, characterization and Biological Activities of substituted oxadiazole, triazole, thiadiazole and 4-thiazolidinone derivatives. *Indian J. Chem.* **43**: 2189-2194.

Administrative/Advisory Engagements:

- Director, Herbal Drug Information and Testing Center, Jamia Hamdard

3. NADEEM SIDDIQUI, M. Pharm., Ph.D., READER

Class Reaching: D.Pharm, B. Pharm. and M.Pharm.

Research Guidance: 01 Ph.D., 01 M.Pharm.

Publications:

Book

- Siddiqui, N. (2004). *Elementary Organic Pharmaceutical Chemistry*, S.G. Publishers, Varanasi, India.

Research Papers

- Alam, M. & Siddiqui, N. (2004). Synthesis of new benzothiazole in incorporated sulphonamides as potential anticonvulsants. *Indian J. Hetero. Chem.* **13**: 361-364.
- Imran, M., Khan, S.A. & Siddiqui, N. (2004). Therapeutic Potential of 2-isoxazolines. *Indian J. Pharm. Sci.* **66**: 377.
- Siddiqui, N., Drabu, S., Khan, S.A., Ahmad, S. & Rana, A., (2004). Synthesis and Pharmacological evaluation of some mannich bases of Isatin. *Him. Chem. Pharm. Bull.* **20**: 47-51.
- Siddiqui, N., Ali, S., Drabu, S., Khan, S. A. Rana, A., & Alam, A. (2004). Synthesis of 3-arylamino-4-aryl-5-(N-arylthiocarbonylimino)-4,5-dihydro-1,2,4-thiadiazoles as anticonvulsants agents. *Indian J. Hetero.Chem.* **14**: 159-160.
- Khan, S. A., Siddiqui, N., Imran, M & Haque, S.W. (2004). Synthesis and antimicrobial screening of novel mannich bases of Isatin derivatives. *Indian J. Pharm. Sci.* **66**: 830-834.
- Abstract of conference paper: **One**

Research Project: One (funded by UGC)

Conference/Seminar/Symposium/Workshop attended:

- One day Seminar on *Applications of Modern Analytical Techniques in Chemical and Biological Sciences*, Jamia Hamdard (February 9, 2005)
- Intellectual property Rights Awareness Seminar on *Pharmaceuticals*, Jamia Hamdard (February 26, 2005)

Administrative/Advisory Engagements:

- Member, Faculty Committee, Faculty of Pharmacy
- Member, Board of Studies, Pharmaceutical Chemistry

Extra-Curricular Activities:

- Life Member, Association of Pharmaceutical Teachers of India

- Life Member, Indian Society of Analytical Scientists, Delhi

4. ANEES AHMED SIDDIQUI, M. Pharm., Ph.D., READER

Class Teaching: D.Pharm. B.Pharm. M.Pharm.

Research Guidance: 02 Ph.Ds, 01 M.Pharm.

Publications:

Book:

- Siddiqui, A.A. & Siddiqui, S. (2004). *Health education and Community Pharmacy*, Tara Publisher Ltd., New Delhi.

Research Papers:

- Siddiqui, A.A & Wani, S.M. (2004). Recent developments in chemistry of *Daucus carota* (Umbelliferae). *Asian J. Chem.* **16**: 567-571.
- Siddiqui, A.A., Alagarsamy, R.R., Vijayakumar, S.G & Siddiqui, S. (2004). Dengue fever an introspection. *The Indian Pharmacist* **3**: 15-18.
- Siddiqui, A.A & Wani, S.M. (2004). Synthesis and hypotensive activity of 6-(substituted aryl)-4-methyl dihydro-3-pyridazinones. *Ind. J Chem.* **43**: 1574-1579.
- Siddiqui, N. & Siddiqui, A. A., (2004). Synthesis and analgesic activity of some 2-(4-(alkyl thioureido) phenyl) Sulphonamido -6-Substituted Benzothiazole. *Asian J. Chem.* **16**: 1005-8.
- Thangadurai, S.A., Kumar, B. R.A., Ravi, T. K., Rajasekaran, R.R., Siddiqui, A.A & Alagarsamy, V. (2004). Synthesis and pharmacological investigation of some novel 2,4- disubstituted hexahydro quinazolines. *Ind. J. Heterocyclic Chem.* **14**: 183-184.
- Siddiqui, A.A., Wani, S.M, Rajesh, R. & Alagarsamy V. (2004). Isolation of phytoconstituent and hypotensive activity of *Terminalia arjuna* bark. *Ind. J. Het. Chem.* **14**: 115.
- Abstracts of conference papers: **Three**

Administrative/Advisory Engagements:

- Member, Board of Studies.

5. BAHAR AHMAD, M.Sc., Ph.D., READER

Class Teaching: B. Pharm., M. Pharm.

Research Guidance: 03 Ph.Ds, 01 M. Pharm.

Publications:

- Ahmed, B., Al-Howiriny, T. A., Adnan, J. Al-Rehaily, Jaber S.M. (2004). Verbenacine and salvinine: Two new diterpenes and antihypertensive activity of *Salvia verbenaca*. *Zeitschrift fur Naturforschung* **59**: 9-14
- Ahmed, B., Al-Howiriny, T. A., Mossa, J.S. & Al-Said, M.S. (2004). Three new and two rare furanoeremophilanes from *Senecio asirensis*. *J. Asian. Nat. Prod.* **6**: 167-175.

- Ahmed, B., Al-Howiriny, T. A., Adnan J. Al-Rehaily, Jaber, S.M. (2004). Two germacrane sesquiterpenes and a bibenzopyran from *Jasonia Montana*. *J. Saudi Chem. Soc.* **8**: 105-114.
- Ahmed, B., Al-Howiriny, T. A., Passreiter, C.M. Jaber, S.M. (2004). Combretene-A and B: Two new triterpenes from *combretum molle*. *Pharma. Biol.* **42**: 109-113.
- Ahmed, B., Al-Howiriny, T.A., Jaber, S. & Tahir, K.E.H.E.L. (2005). Isolation, antihypertensive activity and structure activity relationship of flavonoids from three medicinal plants. *Indian J. Chem. Sec.* **44**: 145-150.
- Al-Howiriny, T. A., Al-Rehaily, A.J., Mossa, J.S. & Ahmed, B. (2005). Three new diterpenes and the biological activity of different extracts of *Jasonia montana*. *Nat. Products Res.* **19** : 253-265

Extra-Curricular Activities:

- Life Member, Association of Pharmaceutical Teachers of India
- Life Member, Indian Pharmacognostical Society

6. MOHAMMAD AMIR, M.Sc., Ph.D., READER

Class Teaching: B.Pharm., M. Pharm.

Research Guidance: 03 Ph.Ds, 01 M.Pharm.

Publications:

- Amir, M. & Kumar, S. (2004). Synthesis and antiinflammatory, analgesic, ulcerogenic and lipid peroxidation activities of some new 2-[(2,6- Dichloro-anilino) Phenyl] acetic acid derivatives. *Eur. J. Med Chem.* **39**: 535-545.
- Amir, M., Khan, M.S.Y. & Zaman, M.S.(2004). Synthesis, characterization and Biological Activities of substituted oxadiazole, triazole, thiadiazole and 4-thiazolidinone derivatives. *Indian J. Chem.* **43**: 2189-2194.
- Amir, M. & Kumar, S. (2004). Synthesis of some new 2,5-Disubstituted 1,3,4-oxadiazole derivatives and their Anti-inflammatory activity. *Indian J. Heterocyclic Chem.* **14**: 51-54.
- Siddiqui, A. A., Shahroz, M.M. & Amir, M. (2004). Synthesis and anticonvulsant activity of 6-(substituted aryl)2,3,4,5 tetrahydro-3-pyridazinones. *Oriental. J. Chem.* **20**: 303-306.
- Amir, M & Kumar, S. (2004). Medicinally active marine products. *Hamdard Medicus* **47**: 119-1132.
- Amir, M & Kumar, S. (2005). Synthesis of some hydrazone derivatives and their antiinflammatory activity. *Indian Drugs* **42**: 73-77.
- Amir, M. & Kumar, S. (2005). Antiinflammatory and Gatrosparing activity of some new indomethacin derivatives. *Arch. Pharm. Chem. Life. Sci.* **338**: 24-31.

- Amir, M. & Kumar, S. (2005). Synthesis of some new 2-(2-fluoro-4-biphenyl) propionic acid derivatives as potential antiinflammatory agents. *Pharmazie* **60**: 175-180.

Conference/Seminar/Symposium/Workshop Attended:

- International Conference on *Chemistry Biology Interface: Synergistic New Frontier* (CBISNF-2004), Vigyan Bhavan, New Delhi, India (November 25-26, 2004)
- National Symposium in Recent Trends in Heterocyclic Chemistry at PC and Research Department of Chemistry, Jamia Mohammed College, Tiruchirapalli, Tamil Nadu (September 24-25, 2004)

Administrative/Advisory Engagements:

- Member, Board of Studies (Pharmaceutical Chemistry)

7. SUSHMA DRABU, M. Pharm., Ph.D., LECTURER (SELECTION GRADE)

Class Teaching: D.Pharm., B.Pharm., M.Pharm.

Research guidance: 02 Ph.Ds, 01 M.Pharm.

Publications:

- Siddiqui, N., Drabu, S., Khan, S. A. Ahmad, S. & Rana, A. (2004). Synthesis and pharmacological evaluation of some mannich bases of Isatin. *Him. Chem. Pharm. Bull.* **20**: 47-51.

Conference/Seminar/Symposium/Workshop attended:

- One Day Seminar on *Applications of Modern Analytical Techniques in Chemical and Biological Sciences*, Jamia Hamdard (February 9, 2005)

Academic/Advisory Engagements:

- Member, Board of Research Studies, Faculty of Pharmacy
- Member, Faculty Committee, Faculty of Pharmacy

Academic Honours/Distinctions:

- Nominated Member of All India Ayurvedic, Siddha and Unani Drug Technical Advisory Board, Department of AYUSH, Ministry of Health & Family Welfare, Govt. of India.

8. GITA CHAWLA, M.Pharm., Ph.D., SENIOR LECTURER

Class Teaching: B.Pharm, M.Pharm.

Research Guidance: 01 M.Pharm

Publication:

- Khan, M. S. Y., Chawla, G. & Mueed, M. Asad, (2004). Synthesis and biological activity of some Isoniazid based 1,3,4 oxadiazole derivatives. *Ind. J. Chem.* **43**: 1302-1305.

Conference/Seminar/Symposium/Workshop attended:

- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, Jamia Hamdard (February 26, 2005)

Administrative/ Advisory Engagements:

- Member, Academic Council, Jamia Hamdard.

9. SANDHYA BAWA, M.Pharm., Ph.D., SENIOR LECTURER

Class Teaching: D.Pharm, B.Pharm.

Research Guidance: 01 M.Pharm

Conference/Seminar/Symposium/Workshop attended:

- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, Jamia Hamdard (February 26, 2005)

Administrative/ Advisory Engagements:

- Member, Academic Council, Jamia Hamdard.

10. S.M. HASAN, M. Pharm., Ph.D., SENIOR LECTURER

Class Teaching: B.Pharm., M.Pharm.

Research Guidance: 01 Ph.D., 01 M.Pharm.

Publications:

- Husain, A., Hasan, S.M., Lal, S. & Alam, M.M. (2004). Synthesis and characterization of new 2-arylidene-4-(4-methyl phenyl)but-3-en-4-olides & their pyrrolone derivatives. *Ind. J. Hetrocycl. Chem.* **16**: 163-165.

Conference/Seminar/Symposium/Workshop attended:

- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, Jamia Hamdard (February 26, 2005)

Administrative/Advisory Engagements:

- Teacher In-Charge, CIF, Faculty of Pharmacy
- Member, Placement Cell, Faculty of Pharmacy
- Asstt. Proctor, Jamia Hamdard

11. ASIF HUSAIN, M. Pharm., Ph.D., LECTURER

Class Teaching: B.Pharm., M.Pharm.

Research Guidance: 02 Ph.Ds, 01 M.Pharm.

Publication:

- Husain, A., Hasan, S.M., Lal, S. & Alam, M.M. (2004). Synthesis and characterization of new 2-arylidene-4-(4-methyl phenyl)but-3-en-4-olides & their pyrrolone derivatives. *Ind. J. Hetrocycl. Chem.* **16**: 163-165.
- Imran M. & Husain, A. (2004). Intrathecal baclofen withdrawal syndrome- a life-threatening complication of baclofen pump: a case report. *BMC Clin. Pharmacol.* **4**: 06.
- Husain, A. & Yar, S.M. (2005). Synthesis and antibacterial activity of epoxides derived from Chalcones. *Asian J. Chem.* **17**: 624-626.

Conference/Seminar/Symposium/Workshop attended:

- Quality Improvement Programme *Recent Advances in Pharmaceutical Sciences*, Delhi Institute of Pharmaceutical Sciences & Research (DIPSAR), New Delhi (October 25-29, 2004)
- One Day Seminar on *Applications of Modern Analytical Techniques in Chemical and Biological Sciences*, Jamia Hamdard (February 9, 2005).
- Conference on *Recent Trends in Drug Analysis*, New Delhi (February 22, 2005)
- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, Jamia Hamdard (February 26, 2005)

Administrative/Advisory Engagements:

- Asstt. Dean, Students Welfare (D.S.W.), Jamia Hamdard

Extra-Curricular Activities:

- Life Member, Indian Pharmaceutical Association

12. MYMOONA AKHTAR, M.Pharm., LECTURER

Class Teaching: B.Pharm.

Research Guidance: 01 M. Pharm.

Publications:

- Khan, M.S.Y. & Akhter, M. (2004). Glyceride derivatives as potential prodrugs: synthesis, biological activity and kinetic studies of Glyceride derivatives of mefenamic acid. *Die Pharmazie* **59**: 110.
- Khan, M.S.Y. & Akhter, M. (2004). Synthesis, biological evaluation and kinetic studies of glyceride prodrugs of diclofenac. *Indian J. Expl. Biol.* **42**: 1066-1072.

Conference/Seminar/ Symposia/ Workshop attended

- Workshop on *Molecular Modeling and Pharmacoinformatics*, National Institute of Pharmaceutical Education and Research, Mohali, Punjab (November 1-5, 2004)
- One Day Seminar on *Applications of Modern Analytical Techniques in Chemical and Biological Sciences*, Jamia Hamdard (February 9, 2005).
- Conference on *Recent Trends in Drug Analysis*, New Delhi (February 22, 2005)
- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, Jamia Hamdard (February 26, 2005)

Administrative/ Advisory Engagements:

- Member, Board of Studies, Department of Pharmaceutical Chemistry

Academic Honours/ Distinctions:

- Awarded "SERC Visiting fellowship" (2005) to

undertake a project entitled "Molecular Modeling in Drug Design by carrying out QSAR studies on GSK3 inhibitors" at National Institute of Pharmaceutical Education and Research (NIPER), Mohali, Punjab

13. MOHD. SHAHAR YAR, M.Pharm., Ph.D., LECTURER

Class Teaching: B.Pharm

Research Guidance: 01 M.Pharm; 01 Ph.D

Publications:

- Husain, A. and Yar, M. S. (2005). Synthesis and antibacterial activity of epoxides derived from Chalcones. *Asian J. Chem.* **17**: 624-626.

Conferences/Workshop/Seminars Attended:

- AICTE Quality Improvement Programme, DIPSAR, New Delhi (October 25-29, 2004)
- AICTE Quality Improvement Programme, DIPSAR, New Delhi (November 1-5, 2004)
- One Day Seminar on *Applications of Modern Analytical Techniques in Chemical and Biological Sciences*, Jamia Hamdard (February 9, 2005).
- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, Jamia Hamdard (February 26, 2005)

Administrative/Advisory Engagement:

- Member, Board of studies (Pharmaceutical Chemistry, F/o Pharmacy)
- Member, Admission Committee (Jamia Hamdard)

14. MOHD. MUMTAZ ALAM, M.Pharm., LECTURER

Class Teaching: D.Pharm. and B.Pharm.

Publication:

- Husain, A., Hasan, S.M., Lal, S. & Alam, M.M. (2004). Synthesis and characterization of new 2-arylidene-4-(4-methyl phenyl)but-3-en-4-olides & their pyrrolone derivatives. *Ind. J. Hetrocycl. Chem.* **16**: 163-165.

Conferences/Workshop/Seminars Attended:

- AICTE Quality Improvement Programme, DIPSAR, New Delhi (October 25-29, 2004)
- AICTE Quality Improvement Programme, DIPSAR, New Delhi (November 1-5, 2004)
- 56th Indian Pharmaceutical Congress, Kolkata (December 3-5, 2004)
- One Day Seminar on *Applications of Modern Analytical Techniques in Chemical and Biological Sciences*, Jamia Hamdard (February 9, 2005).
- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, Jamia Hamdard (February 26, 2005)

DEPARTMENT OF PHARMACEUTICS

Head: Prof. Roop Krishen Khar

The department comprises 14 teachers (One Professor, Five Readers & Eight Lecturers) and 10 non-teaching staff members. One new post-graduate programme (M. Pharm. in Quality Assurance) has been started from the academic session 2002-2003. 11 research projects funded by UGC, AICTE, ISM & H, DST and FIP are in progress.

Teachers of the department have been motivated to take proactive role as research scientists apart from rendering the duties of imparting quality education. Project worth Rs. 1.0 crores have been obtained from various funding agencies.

New equipments worth Rs. 30 lacs have been installed during the year. The new equipments procured include Rotary Evaporator, Rotary Tablet Machine 10 Station, Glatt Spray Coater, Rapid Mixer and Granulator, Centrifuge, Refrigerated Centrifuge, Dissolution Test Apparatus, Humidity Oven and Texture Analyser.

MOUs/Collaborations

Five Ph. D. students are working in collaboration with other institutions like, Panacea Biotech Ltd., (Lalru, Punjab), National Institute of Immunology (Delhi), Institute of Nuclear Medicine & Allied Sciences (Delhi) and Indian Institute of Technology (Delhi). One Project has been initiated with a Scottish company named Solutions Inc. for biochemical estimation of blood glucose level.

Other Information

- Educational tour for visit to Pharmaceutical Industries situated in Mumbai and Goa was organised for students of B. Pharm. IV yr.
- Sixteen students received one month training in Dabur, Ranbaxy, Oscar, Arbro Pharmaceuticals Ltd & Uni-Cure Pvt. Ltd.
- 06 have qualified TOFFEL and GRE examination.
- 03 students each in Ranbaxy Research Laboratory & Dabur Research Lab have been selected as Scientist.
- Twenty-one seminars were conducted on current topics

TEACHERS' PROFILE

1. ROOP K. KHAR, M. Pharm., D.B.M., Ph.D., PROFESSOR

Class Teaching: D.Pharm., B.Pharm., M.Pharm. (Pharmaceutics) & M. Pharm. (Quality Assurance)

Research Guidance: 08 Ph.Ds & 04 M.Pharms

Publications:

Books:

- Ahuja, A., Ali, J., Baboota, S. & Khar, R.K. (2004). *Textbook of Pharmaceutical Management*, Birla Publications, Delhi, pp. 236.

Research Papers:

- Rahman, Z., Kohli, K., Khar, R.K., Lamba, H.S., Rathour, A. & Pahwa, R. (2004). An overview of *Terminalia arjuna*: Chemistry and pharmacological profile. *Indian Drugs* **41**: 641-649.
- Ali, J., Arora, S., Ahuja, A. & Khar, R.K. (2004). Development and evaluation of floating delivery system for celecoxib. *Indian J. Pharm. Sci.* **66**: 475.
- Ahuja, A., Rajeshwari, C., Ali, J. & Khar, R.K. (2004). Formulation and evaluation of buccoadhesive compacts of carvedilol. *Indian J. Pharm. Sci.* **66**: 561-562.
- Tyagi, P., Ali, J., Ahuja, A., Baboota, S. & Khar, R.K. (2004). Systemic delivery of genetic material by non-viral vectors. *Indian J. Pharm. Sci.* **66**: 272-277.
- Abstracts of conference papers: **Thirteen**

Patents

- Aqil, M., Bhavna, Ahmad, F.J. & Khar, R.K. (2004). Novel Skin Permeation Promoter for Improved Transdermal Delivery of Active Ingredients. *Indian Patent Appl. No: 2391/Del/2004.*

Research projects: 05 (Funded by UGC, DST, AICTE, Panacea Biotech, ISM&H)

Conference/Seminar/Symposium/Workshop attended:

- The 31st International Symposium on *Controlled Release of Bioactive Materials*, Hawaii, U.S.A. (June 12-16 2004)
- Workshop on *Patents* organized by IPA at India International Trade Centre, New Delhi, (September 4, 2004)
- International Conference on *Unani Medicine*, organized by CCRUM at Vigyan Bhawan, New Delhi (February 8-11, 2005).
- 56th Indian Pharmaceutical Congress, Kolkata (December 3-5, 2004)
- National Seminar on *Analytical Science*, organized by Indian Society of Analytical Scientist & Jamia Hamdard (February 9, 2005)
- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Faculty of Pharmacy, Jamia Hamdard (February 26, 2005)

Administrative/Advisory Engagements:

- Head, Department of Pharmaceutics

Academic Honours/Distinctions:

- Elected Fellow, Indian Pharmaceutical Association
- National Advisor, 56th Indian Pharmaceutical Congress, Kolkata India

- National Advisor-International Convention Association of Pharmacy Teachers of India
- Nominated Senate Member, NIPER, Mohali, Punjab

Extra-Curricular Activities:

- Life Member, Indian Pharmaceutical Association
- Life Member, Indian Pharmaceutical Graduates Association
- Life Member, Association of Pharmaceutical Teachers of India
- Life Member, Indian Society for Technical Education
- Life Member, Indian Hospital Pharmacists Association
- Resource Person/ Invited Speaker in Continuing Education Programme
- HIV/AIDS Programme Coordinator, Developing countries, Community Pharmacy Section, FIP

2. S. P. AGARWAL, M. Pharm., M.S., Ph. D., EMERITUS PROFESSOR (AICTE)

Class Teaching: D. Pharm., B. Pharm.,
M. Pharm. (Pharmaceutics) &
M. Pharm. (Quality Assurance)

Research Guidance: 01 M.Pharm. awarded; 02
M.Pharms & 02 Ph.Ds in progress

Publications:

Books

- Agarwal, S.P. & Khanna, R. (2004). *Dispensing and Community Pharmacy* (for B.Pharm. students) Birla Publications, Delhi.
- Agarwal, S.P. & Khanna, R. (2004). *Pharmaceutical Jurisprudence & Ethics* (for B.Pharm. students) Birla Publications, Delhi.

Research Paper

- Khanna, R., Karmarkar R. & Agarwal, S.P. (2004). Patenting of novel drug delivery systems. In: Jain, N.K. (ed.) *Progress in Controlled and Novel Drug delivery Systems*, CBS publishers, New Delhi, pp. 510-550

Conference/Seminar/Symposium/Workshop attended:

- National Seminar on *Academia Industry Partnership*, organised by Rajasthan Ayurved University and Jodhpur Industries Association and delivered a talk on *Shilajit Past, Present and Future* (April 2004)
- The 4th International Health Care and Herbal Expo & Seminar, New Delhi (April 2004)

Research projects: Two (funded by UGC, AICTE)

Academic Honours/Distinctions:

- Nominated member on the Faculty of Engineering and

Technology, Banaras Hindu University for 3 years from 2003

- Nominated Member of Governing body/ Selection Committee of S. Bhagwan Singh Institute of Biomedical Sciences and Research by A.I.C.T.E. for 3 year from July 2004.

- Emeritus Fellow, All India Council for Technical Education.

3. MUSHIR M. ALI, M. Pharm., Ph. D., READER

Class Teaching: D. Pharm., B. Pharm.,
M. Pharm. (Pharmaceutics) &
M. Pharm. (Quality Assurance)

Research Guidance: 04 Ph. Ds & 03 M.Pharms

Extra-Curricular Activities:

- Life Member, Indian Pharmaceutical Association
- Life Member, Indian Pharmaceutical Graduates Association
- Resource Person/ Invited Speaker in Continuing Education Programme

4. ASGHAR ALI, M. PHARM., Ph.D., CIC, PROFESSOR

Class Teaching: D. Pharm., B. Pharm.,
M. Pharm. (Pharmaceutics) &
M. Pharm. (Quality Assurance)

Research Guidance: 02 Ph. Ds & 03 M.Pharms.

Publications:

Book

- Ali, A. & Bhatt, D.C. (2004). *Pharmaceutical Microbiology- Concepts & Techniques*. Birla Publications, Delhi.

Research papers:

- Ali, A., Aqil, M. Sultana, Y., Dubey, K., Nazmi, A.K. & Pillai, K.K. (2004). Transdermal drug delivery systems of a Beta- Blocker: Design, *In vitro* and *in vivo* characterization. *Drug Delivery* **11**:27-31.
- Ali, A., (2004). Magnets in disease Management. *J. Sci. Pharm* **5**: 88.
- Ali, A., Sultana, Y., Aqil, M. & Nazmi, A.K. (2004). Fabrication and Evaluation of polymeric films for Transdermal Delivery of Pinacidil monohydrate. *Pharmazie*, **59**: 631-635.
- Ali, A., Abdullah, M.M., Namdeo, K.P., & Ahmad, S. (2004). Phytochemical and Biological investigations on *Pedaliium murex* D. *J. Sci. Pharm* **5**:143-145.
- Ali, A., Sultana, Y., Aqil, M. & Jha, M.C. (2004). A three way comparative study on the efficacy of twin sol to gel systems and marketed eye drops of Pefloxacin mesylate. *J. Ocul. Pharmacol. Therap.* **20**: 363-374.

- Ali, A., Rathod, R., Khar, R.K. & Gaud, R.S. (2004). The genetics of Glaucoma. *J. Sci. Pharm.* **5**: 146-153.
- Ali, A., Siddique, M.A., Ahmad, J, Mukherji, A. & Zaman, F. (2004). Clinical study of *Rheum emodi*, Ammonium chloride and Potassium nitrate in drug induced Hepatotoxicity of Tubercular Patients. *Hamdard Medicus* **47**: 89-92.
- Ali, A., Sultana, Y. & Aqil, M. (2004). Potential of oral controlled drug delivery systems. *Hamdard Medicus* **47**: 136-140.
- Ali, A., Aqil, M., Sultana, Y. & Khan, S.A. (2004). Skin permeation studies. *Hamdard Medicus* **47**:146-151.
- Ali, Asgar, Aqil, M. *et al* (2004). Polymeric matrix containing a potassium channel opener (**Patent Application # 2390/DEL/2004**).
- Abstracts of conference papers: **Six**

Research Project: One (funded by AICTE)

Administrative/Advisory Engagements:

- Tabulator for Examinations 2004, Jamia Hamdard
- Member, Internal Academic Audit Assessment Committee, Jamia Hamdard
- Member, Board of Research Studies, Faculty of Pharmacy, Jamia Hamdard
- Member, Standing Committee and Academic Council, Jamia Hamdard
- Member, Board of Studies (Pharmaceutics)

Academic Honours/Distinctions:

- Best Paper Award by Muslim Association for the Advancement of Science (MAAS), Aligarh
- Delivered seminar lecture on *Go Little Beyond-Ethics* in Welcome & Orientation Programme for M. Pharm students at Faculty of Pharmacy, Jamia Hamdard. (August 7, 2004)
- Deliver a lecture on *Ophthalmic Drug Delivery Systems* at Dept. of Pharmaceutical Sciences, Guru Nanak Dev University, Amritsar, Punjab (March 18, 2005)

Extra-Curricular Activities:

- Member, Indian Pharmaceutical Association (IPA)
- Member, The Indian Hospital Pharmacist Association (IHPA)
- Member, Indian Pharmaceutical Graduate Association (IPGA)
- Member, All India Pharmaceutical Teacher's Association (APTI)
- Member, The Indian Society for Technical Education (ISTE)

- Co-ordinator, Pharmacy Activities Network, Faculty of Pharmacy, Jamia Hamdard.

5. ALKA AHUJA, M. Pharm., Ph. D., READER

Class Teaching: B. Pharm., M. Pharm. (Pharmaceutics)

Research Guidance: 03 Ph.Ds & 02 M.Pharms

Publications:

Book

- Ahuja, A., Baboota, S. Ali, J., & Khar, R. K. (2004). *Textbook of Pharmaceutical Management*. Birla Publications, New Delhi.

Research papers

- Tyagi, P., Ali, J., Ahuja, A., Baboota, S. & Khar, R.K. (2004). Systemic delivery of genetic material by non-viral vectors. *Indian J. Pharm. Sci.* **66**: 272-277.
- Baboota, S., Kohli, K., Ali, J. & Ahuja, A. (2004). Cyclodextrins and their applications in biotechnology. *Indian Pharmacist* **3 (25)**: 13-16.
- Arora, S., Babbar, A.K., Ali, J., Ahuja, A. & Sharma, R.K. (2005). Development of hydrodynamically balanced system for celecoxib: *in vitro* and *in vivo* evaluation using radioactive techniques. *Indian J. Pharmacol.* **36**: S80.
- Ali, J., Arora, S., Ahuja, A. & Khar, R.K. (2004). Development and evaluation of floating delivery system for celecoxib. *Indian J. Pharm. Sci.* **66**: 475
- Ahuja, A., Rajeshwari, C., Ali, J. & Khar, R. K. (2004). Formulation and evaluation of buccoadhesive compacts of carvedilol. *Indian J. Pharm. Sci.* **66**: 561-562 .
- Biju, S.S., Ahuja, A. & Khar, R.K. (2005). Tea tree oil concentration in follicular casts after topical novel delivery. Determination by HPTLC using a perfused bovine udder model. *J. Pharma. Sci.* **94**: 240-245.
- Abstracts of conference papers: **Eighteen**

Popular Articles

- Baboota, I., Baboota, S., Ahuja, A. & Ali, J. (2005). Return on investment. *Express Pharma Pulse* **11**: 6 18.
- Baboota, I., Baboota, S., Ahuja, A. & Ali, J. (2005). Presentation: A win win concept for reps. *Express Pharma Pulse* **11**: 6 20.
- Baboota, S., Ali, J., Ahuja, A. & Kohli, K. (2004). Importance of online continuing education programme in the current Scenario. *Indian J. Tech. Edu.* **27**: 66-69.

Research Projects: 02 (funded by UGC and AICTE)

Conference/Seminar/Symposium/Workshop attended:

- 5th Annual Symposium on *Frontiers in Biomedical Research*, New Delhi (April 14-16, 2004)
- Seminar on *Registration of Drug Products in Different Countries*, New Delhi (May 2, 2004)
- Workshop on *Patents*, organized by IPA (Delhi Branch) (September 4, 2004)
- National Seminar on *Application of Modern Analytical Techniques in Chemical & Biological Sciences*, organized by Indian Society of Analytical Scientist & Jamia Hamdard (February 9, 2005)
- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Faculty of Pharmacy, Jamia Hamdard, New Delhi (February 26, 2005)

Extra-Curricular Activities:

- Life Member, Indian Pharmaceutical Association
- Life Member, Indian Pharmaceutical Graduates Association
- Life Member, Association of Pharmaceutical Teachers of India
- Life Member, Indian Society for Technical Education
- Life Member, Indian Hospital Pharmacists Association
- Life Member Indian Society of Analytical Scientists Delhi Chapter
- Member, American-Indian Pharmaceutical Education And Research Group [American-Indian P.E.A.R. Group]
- Resource Person/ Invited Speaker in Continuing Education Programme
- Working on Consultancy projects financed and supported by Scottish Company

6. KANCHAN KOHLI, M. Pharm., Ph. D., READER

Class Teaching: D. Pharm., B. Pharm.,
M. Pharm. (Pharmaceutics) &
M. Pharm. (Quality Assurance)

Research Guidance: 04 Ph.Ds & 03 M.Pharms

Publications:

Research Papers

- Baboota, S., Dhaliwal, M. & Kohli, K., (2004). Improved delivery of Rofecoxib by its complexation with cyclodextrins. *Indian J. Pharm. Sci.* **66**: 482-483.
- Puri, A., Kohli, K., Ali, M. & Baboota, S. (2004). Characterisation of novel bucco-adhesive films of clindamycin for pyorrhea treatment. *Indian J. Pharm. Sci.* **66**: 560-561.
- Baboota, S., Kohli, K., Ali, J. & Ahuja, A. (2004). Cyclodextrins and their application in biotechnology. *The Indian Pharmacist* **3**: 13-16.

- Rahman, Z., Kohli, K., Khar, R.K., Lamba, H.S., Rathors, A. & Pahma R. (2004). An over view of *Terminalia arjuna* : Chemistry and Pharma cological profile. *Indian Drugs* **41**: 641-649.

- Abstracts of conference papers: **Three**

Popular Article

- Baboota, S., Ali, J., Ahuja, A. & Kohli, K. (2004). Importance of online continuing education programme in the current scenario. *Indian J. Tech. Edu.* **27**: 66-69.

Conference/Seminar/Symposium/Workshop attended:

- Seminar on *Registration of Drug Products in Different Countries*, New Delhi (May 2, 2004)
- Workshop on *Patents*, organized by IPA (Delhi Branch) (September 4, 2004)
- The 8th Annual Convention of AIDCOC at FICCI New Delhi (October 10, 2004)
- Attended One-day Workshop of PCI Inspectors held at National Science Academy (October 18, 2004)
- Chaired the Scientific Session on Drug Regulatory affairs on Drug Regulatory Affairs at IPC held at Kolkata (December 30, 2004)
- National Seminar on *Application of Modern Analytical Techniques in Chemical & Biological Sciences*, organized by Indian Society of Analytical Scientist & Jamia Hamdard (February 9, 2005)
- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Faculty of Pharmacy, Jamia Hamdard (February 26, 2005)

Administrative/Advisory Engagements:

- Member, Board of Studies (Pharmaceutics), Faculty of Pharmacy, Jamia Hamdard
- Member, Academic Council, Jamia Hamdard
- Co-coordinator of the University Entrance Examination at Patna center.

Academic Honours/Distinctions:

- Chaired a Scientific session on drug regulatory affairs at Indian Pharmaceutical Conference held at Kolkata

Extra-Curricular Activities:

- Panel of Inspectors, Pharmacy Council of India
- Resource Person/ Invited Speaker in Continuing Education Programme
- Life Member, Indian Pharmaceutical Association
- Life Member, Indian Pharmaceutical Graduates Association
- Life Member, Association of Pharmaceutical Teachers of India

- Life Member, Indian Society for Technical Education
- Life Member, Indian Hospital Pharmacists Association
- Life Member, Indian Society of Analytical Scientists Delhi Chapter
- E.C. Member, Indian Pharmacist Graduate Association

7. FARHAN JALEES AHMAD, M. Pharm., Ph. D., READER

Class Teaching: D. Pharm., B. Pharm.,
M. Pharm. (Pharmaceutics) &
M. Pharm. (Quality Assurance)

Research Guidance: 01 Ph.D. awarded; 11 Ph.Ds &
03 M.Pharms in progress

Publications:

Research Paper

- Ali A, Vohra, D., Ahmad, F.J. & Pillai, K.K. (2004). Anti convulsant potential of amiloride in pentylenetetrazole induced kindling in mice. *International Behavioral Neuroscience* **13**: 34.
- Abstracts of conference papers: **Six**

Patents

- Aqil, M., Bhavna, Ahmad, F.J. & Khar, R.K. (2004). Novel Skin Permeation Promoter for Improved Transdermal Delivery of Active Ingredients. **Indian Patent Appl. No: 2391/Del/2004.**
- Aqil, M., Sultana, Y., Ali, A. & Ahmad, F.J. (2004). Polymeric diffusion matrix containing a potassium channel opener. **Patent Appl. No: 2390/Del/2004.**

Research project: 01 (Funded by AYUSH)

Conference/Seminar/Symposium/Workshop attended:

- The 31st International Symposium on *Controlled Release of Bioactive Materials*, Hawaii, U.S.A. (June 12-16, 2004).
- Workshop on *Patents*, organized by IPA (Delhi Branch) (September 4, 2004)
- 56th Indian Pharmaceutical Congress, Kolkata (December 3-5, 2004)
- National Seminar on Application of Modern Analytical Techniques in Chemical & Biological Sciences, organized by Indian Society of Analytical Scientist & Jamia Hamdard (February 9, 2005)
- Training on Patents Organised by NRDC, New Delhi (February 8, 2005)
- International Conference on Unani Medicine, Organized by CCRUM, at Vigyan Bhawan, New Delhi (February 8-11, 2005)
- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Faculty of Pharmacy, Jamia Hamdard, New Delhi (February 26, 2005)

- 7th Annual Symposium on *Biochemical Engineering and Biotechnology* at IIT Delhi (March 11-12, 2005)

Administrative/Advisory Engagements:

- Incharge, CIF, Faculty of Pharmacy
- Organised One day seminar on *Intellectual Property Rights Awareness on Pharmaceuticals* at Convention Centre, Jamia Hamdard (February 26, 2005)

Academic Honours/Distinctions:

- Second prize for best poster in poster session at 7th Annual Symposium on Biochemical Engineering and Biotechnology at IIT Delhi from 11th march to 12th March 2005.
- Awarded "**Scientist of the year award-2005**" by National Environment Science Academy.
- Invited speaker at Entrepreneurship Development Program on cosmetics and perfumery products, conducted under the aegis of Small Industries Service Institute, Ministry of small Scale Industry New Delhi, June 2004

Extra-Curricular Activities:

- Life Member, Indian Pharmaceutical association
- Life Member, Association of Pharmaceutical Teachers of India
- Life Member, Indian Pharmaceutical Graduate Association
- Member, Controlled Release Society, India
- Member, Controlled Release Society, USA
- Member, International Pharmaceutical Federation, Netherlands
- Life Member, Indian Hospital Pharmaceutical Association (IHPA)
- Life Member, Muslim Association of the Advancement of Science
- Resource Person/ Invited Speaker in Continuing Education Programme

8. YASMIN SULTANA, M. Pharm., Ph. D., LECTURER

Class Teaching: D. Pharm., B. Pharm.,
M. Pharm. (Pharmaceutics) &
M. Pharm. (Quality Assurance)

Research Guidance: 01 Ph. D. & 02 M.Pharms

Publications:

- Aqil, M., Sultana Y., Ali A. & Najmi A.K. (2004). Fabrication and Evaluation of polymeric films for Transdermal Delivery of Pinacidil *DiePharmazie* **59**: 631-635.

- Sultana, Y., Aqil, M., & Ali, A. (2004). Potential of oral controlled Drug Delivery Systems. *Hamdard Medicus* **47**: 136-140.
- Sultana, Y., Aqil, M., & Ali, A. (2004). Skin Permeation Studies. *Hamdard Medicus* **47**: 146-151.
- Sultana, Y., Aqil, M., Ali, A., Rathod, R., & Jain, R. (2005). Expanding platform of ophthalmic drug delivery systems-I. *PharmaInfonet*.
- **Abstract of conference papers: Five**

Conference/Seminar/Symposium/Workshop attended:

- 3rd Annual conference of *Indian Hospital Pharmacists Association*, New Delhi (October 17, 2003)

Extra-Curricular Activities:

- Life Member, Pharmacy Graduates' Association
- Life Member, Association of Pharmaceutical Teachers of India

9. SANJULA BABOOTA, M. Pharm., Ph. D., LECTURER

Class Teaching: D. Pharm., B. Pharm.,
M. Pharm. (Pharmaceutics) &
M. Pharm. (Quality Assurance)

Research Guidance: 01 Ph. D. & 02 M.Pharms

Publications:

Book

- Ahuja, A., Ali, J., Baboota, S. & Khar, R. K. (2004). *Textbook of Pharmaceutical Management*. Birla Publications, New Delhi.

Research Papers:

- Baboota, S., Dhaliwal, M. & Kohli, K., (2004). Improved delivery of rofecoxib by its complexation with cyclodextrins. *Indian J. Pharm. Sci.* **66**: 482-483.
- Puri, A., Kohli, K., Ali, M. & Baboota, S. (2004). Characterisation of novel bucco-adhesive films of clindamycin for pyorrhea treatment. *Indian J. Pharm. Sci.* **66**: 560-561.
- Baboota, S., Kohli, K., Ali, J. & Ahuja, A. (2004). Cyclodextrins and their application in biotechnology. *Indian Pharm.* **3**: 13-16.
- Tyagi, P., Ali, J., Ahuja, A., Baboota, S. & Khar, R.K. (2004). Systemic delivery of genetic material by non-viral vectors. *Indian J. Pharm. Sci.* **66**: 272-277.
- Abstracts of conference papers: **Five**

Popular Articles

- Baboota, S., Ali, J., Ahuja, A. & Kohli, K. (2004). Importance of online continuing education programme in the current scenario. *Indian J. Tech. Edu.* **27**: 66-69.

- Khanna, R., Baboota, S., Agarwal, S.P., Ali, J. & Ahuja, A. (2004). Pharmaceutical Resources on the Internet: Where and how to find the right information. *Pharma. Review* **2**: 78-84.
- Baboota, I., Baboota, S., Ahuja, A. & Ali, J. (2005). Return on investment. *Express Pharma Pulse* **11**: 6 18.
- Baboota, I., Baboota, S., Ahuja, A. & Ali, J. (2005). Presentation: A win win concept for reps. *Express Pharma Pulse* **11**: 6 20.

Conference/Seminar/Symposium/Workshop attended:

- 5th Annual Symposium on *Frontiers in Biomedical Research*, New Delhi (April 14-16, 2004)
- Seminar on *Registration of Drug Products in Different Countries*, New Delhi (May 2, 2004)
- Workshop on *Patents*, organized by IPA (Delhi Branch) (September 4, 2005)
- The 3rd Annual Conference of I.H.P.A., St. Stephen 's Hospital (October 17, 2004)
- Seminar on Texture Analyser, IDA House, New Delhi (January 18, 2005)
- National Seminar on *Application of Modern Analytical Techniques in Chemical & Biological Sciences*, organized by Indian Society of Analytical Scientist & Jamia Hamdard (February 9, 2005)
- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Faculty of Pharmacy, Jamia Hamdard (February 26, 2005)

Research Projects: 02 (Funded by UGC)

Administrative/Advisory Engagements:

- Member, Board of Studies, Department of Pharmaceutics

Extra-Curricular Activities:

- Panel of Inspectors, Pharmacy Council of India
- Resource Person/ Invited Speaker in Continuing Education Programme
- Life Member, Indian Pharmaceutical Association
- Life Member, Indian Pharmaceutical Graduates Association
- Life Member, Association of Pharmaceutical Teachers of India
- Life Member, Indian Society for Technical Education
- Life Member, Indian Hospital Pharmacists Association
- Life Member, Indian Society of Analytical Scientists Delhi Chapter

10. JAVED ALI, M. Pharm., Ph. D., LECTURER

Class Teaching: D. Pharm., B. Pharm.,
M. Pharm. (Pharmaceutics) &
M. Pharm. (Quality Assurance)

Research Guidance: 02 Ph. Ds & 02 M.Pharm.

Publications:

Book

- Ahuja, A., Ali, J., Baboota, S. & Khar, R. K. (2004). Textbook of Pharmaceutical Management, Birla Publications, New Delhi.

Research Papers

- Ali, J., Arora, S., Ahuja, A. & Khar, R.K. (2004). Development and evaluation of floating delivery system for celecoxib. *Indian J. Pharm. Sci.* **66**: 475.
- Ahuja, A., Rajeshwari, C., Ali, J. and Khar, R. K. (2004). Formulation and evaluation of buccoadhesive compacts of carvedilol. *Indian J. Pharm. Sci.* **66**: 561-562
- Arora, S., Babbar, A.K., Ali, J., Ahuja, A. & Sharma, R.K. (2005). Development of hydrodynamically balanced system for celecoxib: in vitro and in vivo evaluation using radioactive techniques. *Indian J. Pharmacol.* **36**: S80.
- Abstracts of conference papers: **Twelve**

Popular Articles

- Baboota, S., Ali, J., Ahuja, A. & Kohli, K. (2004). Importance of online continuing education programme in the current Scenario. *Indian J. Tech. Edu.* **27**: 66-69.
- Baboota, S., Kohli, K., Ali, J. & Ahuja, A. (2004). Cyclodextrins and their applications in biotechnology. *Indian Pharmacist* **3**: 13-16.
- Baboota, I., Baboota, S., Ahuja, A. & Ali, J. (2005). Return on investment. *Express Pharma Pulse* **11**: 6 18.
- Baboota, I., Baboota, S., Ahuja, A. & Ali, J. (2005). Presentation: A win win concept for reps. *Express Pharma Pulse* **11**: 6 20.

Research projects: 03 (Funded by UGC, DST, and AICTE)

Conference/Seminar/Symposium/Workshop attended:

- 5th Annual Symposium on *Frontiers in Biomedical Research*, New Delhi (April 14-16, 2004)
- Seminar on *Registration of Drug Products in Different Countries*, New Delhi (May 2, 2004)
- Workshop on *Patents*, organized by IPA (Delhi Branch) (September 4, 2004)
- International Convention of Association of Pharmaceutical Teachers of India, Vishakapatnam, (October 2-3, 2004)

- The 3rd Annual Conference of I.H.P.A., St. Stephen's Hospital (October 17, 2004)
- The 56th Indian Pharmaceutical Congress, Kolkata (December 3-5, 2004)
- National Seminar on *Application of Modern Analytical Techniques in Chemical & Biological Sciences*, organized by Indian Society of Analytical Scientist & Jamia Hamdard (February 9, 2005)
- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Jamia Hamdard (February 26, 2005)
- 6th International Symposium of Controlled Release Society Indian Chapter on *Advances in Technology and Business Potential of New Drug Delivery Systems*, Mumbai (February 18-19, 2005)

Administrative/Advisory Engagements:

- Member, Admission Committee, Jamia Hamdard

Academic Honours/distinctions:

- Awarded prestigious **BOYSCAST FELLOWSHIP** (Better Opportunities for Young Scientists in Chosen Areas of Science & Technology) programme of Department of Science and Technology, Govt. of India for conducting advanced research in the area of Drug Delivery Systems at Institute for Pharmaceutical Technology, Biocenter-Johann Wolfgang Goethe University, Germany.
- APTI-Young Pharmacy Teacher of the year Award-2004** by Association of Pharmacy Teachers of India

Extra-Curricular Activities:

- Panel of Inspectors, Pharmacy Council of India
- Resource Person/ Invited Speaker in Continuing Education Programme
- Working on Consultancy Projects Financed and Supported by Scottish Company
- Life Member, Indian Pharmaceutical Association
- Life Member, Indian Pharmaceutical Graduates Association
- Life Member, Association of Pharmaceutical Teachers of India
- Life Member, Indian Society for Technical Education
- Life Member, Muslim Association for Advancement of Sciences
- Life Member, Indian Hospital Pharmacists Association
- Life Member, Indian Association of Biomedical Scientists
- Life Member, Indian Pharmacological Society

- Life Member, Indian Society of Analytical Scientists Delhi Chapter

11. MOHAMMAD AQIL, M. Pharm., Ph. D., LECTURER

Class Teaching: D. Pharm., B. Pharm.,
M. Pharm. (Pharmaceutics) &
M. Pharm. (Quality Assurance)

Research Guidance: 01 Ph. D. & 02 M.Pharms

Publications:

- Aqil, M., Sultana Y., Ali A. & Najmi A.K. (2004). Fabrication and evaluation of polymeric films for transdermal delivery of pinacidil. *Pharmazie* **59**: 631-635.
- Sultana, Y., Aqil, M. & Ali, A. (2004). A three way comparative study on the efficacy of twin sol to gel and marketed eye drops of pefloxacin mesylate. *J. Ocul. Pharmacol. Therap.* **20**: 363-371.
- Sultana, Y., Aqil, M., & Ali, A. (2004). Potential of oral controlled drug delivery systems. *Hamdard Medicus* **47**: 136-140.
- Sultana, Y., Aqil, M. & Ali, A. (2004). Skin Permeation Studies. *Hamdard Medicus* **47**: 146-151.
- Aqil M. (2004) Open access publishing: a boon for scientific community. *Med. Sci. Monit.* **10**: LE5-5.
- Aqil M. & Ahmad S. (2004), Grooming a competent drug information specialist. *Indian J. Pharmacol.* **36**: 96-98.
- Abstracts of conference papers: **Twelve**

Research Projects: 02 (Funded by UGC, DST)

Conference/Seminar/Symposium/Workshop attended:

- Workshop on *Patents*, organized by IPA (Delhi Branch) (September 4, 2004)
- 3rd Annual Conference of Indian Hospital Pharmacists Association, St. Stephen's Hospital, New Delhi (October 17, 2004)
- 56th Indian Pharmaceutical Congress, Kolkata (December 3-5, 2004)
- 14th Biennial Conference of Asia Pacific Association for the Study of Liver, New Delhi (December 11-15, 2004)
- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Faculty of Pharmacy, Jamia Hamdard (February 26, 2005)

Administrative/Advisory Engagements:

Member, Board of Studies (Pharmaceutics)

Academic Honours/Distinctions:

- Member, International Reviewers Panel, Medical Science Monitor (Online International Journal for Experimental and Clinical Research).

- Reviewer, The AAPS Journal and AAPS Pharm. SciTech (Online journals of American Association of Pharmaceutical Scientists).

- **Best Paper Award by Muslim Association for Advancement of Science (MAAS)**, Aligarh for the paper published in European Journal of Pharmaceutics and Biopharmaceutics.

Extra-Curricular Activities:

- Life Member, Indian Pharmaceutical Association
- Life Member, Association of Pharmaceutical Teachers of India
- Life Member, Society of Pharmacovigilance (India)
- Life Member, Indian Hospital Pharmacists Association
- Member, Indian Local Chapter of Controlled Release Society, USA

12. ZEENAT IQBAL, M. Pharm., LECTURER

Class Teaching: B.Pharm.

Publications:

- Talegaonkar, S., Iqbal, Z. & Khar, R.K. (2004). Adverse Drug Reaction and their mitigation in geriatric patients. *Indian Pharmacist* **23**: 18-22.
- Ahuja A., Baboota S., Ali J. & Iqbal Z. (2004). Role of pharmacists in patient counseling. *Indian J. Hosp. Pharm.* **60**: 230-237.
- Abstracts of conference papers: **Six**

Lectures/Talk Delivered

- Conducted the introductory session of the two week workshop on "Entrepreneurship Development Program on Cosmetics and Perfumery Products" and delivered two lectures on "Basics of skin Care Items" at Small Industries Service Institute, Ministry of Small Scale Industry, New Delhi (August 21, 2004)
- Delivered two lectures on "Introduction to Basics of Cosmetics" at Entrepreneurship Development Program on cosmetics and perfumery products, conducted under the aegis of Small Industries Service Institute, Ministry of small Scale Industry New Delhi (June 29, 2004)

Conference/Seminar/Symposium/Workshop attended:

- One Day In-house Intensive Training Programme at Ranbaxy Research Laboratories, Gurgaon (June 5, 2004)
- Workshop on *Patents*, organized by IPA (Delhi Branch) (September 4, 2004)
- AFMI's 13th International Convention on Education and Gala Award Ceremony, Jamia Hamdard (December 25, 2004)

- Brain Storming Session on *Herbo-mineral Pharmaceutical Products Used in Indian Traditional Systems of medicine: Problems and prospects* Indian geological Congress, Roorkee, Jamia Hamdard and DST, New Delhi (January 9, 2005)
- National Seminar on *Application of Modern Analytical Techniques in Chemical & Biological Sciences*, organized by Indian Society of Analytical Scientist & Jamia Hamdard (February 9, 2005)
- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized Jamia Hamdard, New Delhi (February 26, 2005)
- International Conference on *Unani Medicine*, organized by CCRUM, Vigyan Bhawan, New Delhi (February 8-11, 2005)
- 7th Annual Symposium on *Biochemical Engineering and Biotechnology* at IIT Delhi (March 11-12, 2005)

Academic Honours/distinctions:

- Received Second prize for best poster presentation at 7th Annual Symposium on *Biochemical Engineering and Biotechnology* at IIT Delhi from 11th march to 12th March 2005.

Extra-Curricular Activities:

- Participated in a video conference organized at British Council of India on *Women in Science, Engineering and technology*. Speaker- Prof. Gill Samuels, Senior Scientific Advisor, Pfizer., New Delhi (January 19, 2005)
- Member, Organising committee of Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*. Conducted the seminar and moderated the panel discussion on Intellectual property rights awareness on pharmaceuticals.
- Anchored the Brain Storming Session on *"Herbo-mineral pharmaceutical Products used in Indian traditional Systems of medicine: Problems and prospects"*
- Member, Editorial Board, The Newsletter of Jamia Hamdard, Spreadsheet.
- Life Member, Indian Pharmaceutical Association (IPA)

13. SUSHAMA TALEGAONKAR, M. Pharm., Ph. D., LECTURER

Class Teaching: D. Pharm., B. Pharm.,
M. Pharm. (Pharmaceutics) &
M. Pharm. (Quality Assurance)

Research Guidance: 01 Ph. D. & 02 M.Pharms

Publications:

- Talegaonkar, S. & Mishra, P. (2004). Intranasal delivery: a approach to bypass the blood brain barrier. *Indian J. Pharmacol.* **36**: 140-147.

- Talegaonkar, S., Iqbal, Z. & Khar, R.K. (2004). Adverse drug reaction and their mitigation in geriatric patients. *Indian Pharmacist* **23**:18-22.

- Jain, N., Jain, N. K. & Talegaonkar, S. (2004). New ways to enter the blood stream: Emerging strategies in transdermal drug delivery. *The Pharma Review* 41-60.

- Abstracts of conference papers: **Six**

Lectures/Talk Delivered:

- *CNS targeting: Special emphasis on Intranasal Delivery*, in Staff Development Programme sponsored by AICTE Faculty of Pharmacy, Jamia Hamdard
- *Introduction to Hair Care Cosmetics*, in Entrepreneurship Development Programme on Cosmetics and Perfumery Products, Small Industries Services Institute, Govt. of India, New Delhi (August 26, 2004)
- *Dental Cosmetics* in Entrepreneurship Development Programme on Cosmetics and Perfumery Products, Small Industries Services Institute, Govt. of India, New Delhi (September 2, 2004)

Research projects: 02 (Funded by AICTE)

Conference/Seminar/Symposium/Workshop attended:

- Workshop on *Patents*, India Habitat Centre, New Delhi (September 4, 2004)
- National Seminar on *Application of Modern Analytical Techniques in Chemical & Biological Sciences*, organized by Indian Society of Analytical Scientist & Jamia Hamdard (February 9, 2005)
- International Conference on *Unani Medicine*, organized by CCRUM, Vigyan Bhawan, New Delhi (February 8-11, 2005)
- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Faculty of Pharmacy, Jamia Hamdard (February 26, 2005)
- 7th Annual Symposium on *Biochemical Engineering and Biotechnology* at IIT Delhi (March 11-12, 2005)

Administrative/Advisory Engagements:

- Member, Academic Council, Jamia Hamdard
- Member, Board of Studies (Pharmaceutics)

Academic Honour/Distinction:

- Second prize for Best Poster presentation in 7th Annual Symposium on *Biochemical Engineering and Biotechnology* at IIT Delhi (March 11-12, 2005)

Extra-Curricular Activities:

- Member, Organising committee of Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*
- Life Member, Indian Pharmaceutical Association

- Life Member, Association of Pharmaceutical Teachers of India
- Member, Controlled Release Society (Indian Local Chapter)
- Life Member, Indian Hospital Pharmaceutical Association
- Life Member, Indian Pharmacists' Graduate Association

14. SAIMA AMIN, M. Pharm., LECTURER

Class Teaching: D. Pharm., B. Pharm.

Publications:

Conference/Seminar/Symposium/Workshop attended:

- International Conference on *Unani Medicine*, organized by CCRUM, New Delhi (February 8-11, 2005)
- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Jamia Hamdard (February 26, 2005)

Extra-Curricular Activities:

- Life Member, Indian Pharmaceutical Association
- Member, The Controlled Release Society India Local Chapter, Ahmedabad

15. JASJEET KAUR SAHNI, M.Pharm., LECTURER

Class Teaching: D. Pharm, B. Pharm.

Publications

- Sohi, H. & Sahni, J.K. (2004). Marketing Strategies of Pharma Firms: An Overview. *Express Pharma Pulse*.
- Khar, R.K., Sohi, H. & Sahni, J.K. (2004). Pharmacy perspective : Study and career point of view. *Express Pharma Pulse*.
- Abstracts of conference papers: **Five**

Conference/Seminar/Symposium/Workshop attended:

- One-day Training Program for Teachers at Ranbaxy Laboratories, Gurgaon (May 5, 2004)
- Quality Improvement Programme, Recent Advances in Pharmaceutical Sciences, Delhi Institute of Pharmaceutical Sciences & Research (DIPSAR), New Delhi (October 25-29, 2004)
- Workshop on *Patents*, organized by IPA, India Habitat Centre, New Delhi (September 4, 2004)
- Participated as a delegate at Controlled Release Society Indian Chapter at Mumbai (February 18-19, 2005)

Extra-Curricular Activities:

- Life Member, Indian Pharmaceutical Association

DEPARTMENT OF PHARMACOLOGY

Head: Prof. K.K. Pillai

The department, comprising of 12 teachers (one Professor, one Reader, and ten Lectures) and 10 non-teaching staff members, offers D. Pharm., B. Pharm., M. Pharm. (Pharmacology), M. Pharm. (Pharmacy Practice), and Ph.D. programmes of study. Dr. Ambrin Fatime, M. Pharm (Pharmacology), Ph.D. (Pharmaceutical medicine) has joined as Lecturer in Pharmacy Practice.

The department conducts research in psychopharmacological drugs, evaluation of medicinal agents and dosage forms with particular reference to indigenous drugs. Studies on potassium-channel opener and calcium-channel blockers and drugs acting on CVS are also carried out. Other areas of studies include research on drugs used in liver disorders and diabetes mellitus. Training in clinical pharmacology is also provided.

TEACHERS' PROFILES

1. K.K. PILLAI, M. Pharm., Ph.D., PROFESSOR

Class Teaching: B. Pharm., M. Pharm.

Research Guidance: 01 Ph.D. awarded;
02 Ph.Ds in progress

Publications:

- Ali, A., Ahmad, F.J., Pillai, K.K. & Vohora, D. (2004) Evidence for antiepileptic potential of amiloride with neuropharmacological benefits in rodent models of epilepsy and behavior. *Epilepsy and Behavior* **5**: 322-328.
- Shaid, M., Pillai, K.K. & Vohora, D. (2004). Reversal of Phenytoin induced impairment of spontaneous alternation by piracetam in mice. *Indian J. Pharmacol.* **36**: 20-24.
- Najmi, A.K., Pillai, K.K., Pal, S.N. & Aqil, M. (2005). Rree radical scavenging and hepatoprotective activity of Jigrine in galactosamine induced hepatopathy in rats. *J. Ethanopharmacol.* **97**: 521-525.

Conference/Seminar/Symposium/Workshop attended:

- Chairman of Intellectual Property Rights Awareness Seminar on *Pharmaceuticals* held at Jamia Hamdard, sponsored by MHRD, Govt. of India, New Delhi (February 26, 2005)

Administrative/Advisory Engagements:

- Head, Department of Pharmacology

2. S.N. PAL, M. Pharm., Ph.D., READER

On Extra Ordinary Leave to work as Editor of Pharmaceutical Newsletter, WHO at Geneva.

3. UMA BHANDARI, M. Pharm., Ph.D., READER

Class Teaching: D. Pharm., B. Pharm., M. Pharm.

Research Guidance: 01 Ph.D., 01 M.Pharm.

Publications:

- Bhandari, U., Kanojia, R. & Pillai, K.K. (2005). Effect of ethanolic extract of *Z. officinale* on dyslipidaemia in diabetic rats. *J Ethnopharmacol.* **97**: 227-230.
- Abstracts of conference papers: **Four**

Research Project: 01 (Funded by UGC)

Conference/Seminar/Symposium/Workshop attended:

- Indo-UK Seminar on *Biomarkers of Ecotoxicity, Cancer, Monitoring and Prevention*, Jamia Hamdard (August 29, 2004).
- Joint International Conference of International Society for Heart Research (Indian Section) & International Academy of Cardiovascular Sciences (Indian Section), Ahmedabad, India (December 31 - January 2, 2005).
- International Workshop on *Adverse Drug Reaction Monitoring & 4th Annual Conference of Pharmacovigilance Society of India*, Bareilly, UP, India (January 22-23, 2005)
- International Conference on *Unani Medicine*, organized by CCRUM, Vigyan Bhawan New Delhi, India (February 8-11, 2005)

- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Faculty of Pharmacy, Jamia Hamdard, New Delhi (February 26, 2005)

Administrative/Advisory Engagements:

- Member, Research Advisory Committee, Faculty of Pharmacy, Jamia Hamdard
- Member, Academic Council, Jamia Hamdard
- Appointed as Observer, All India Engineering Entrance Examination (AIEEE) in Feb 2005 by Central Board of Secondary Education (CBSE), New Delhi

Extra-Curricular Activities:

- Member, Indian Society of Pharmacovigilance
- Nominated as Member, American Biographical Institute's Professional Women's Advisory Board
- Acted as Committee Member, Proceedings' Section of Seminar on "Intellectual Property Rights Awareness in Pharmaceuticals" Hamdard University, New Delhi

4. SHIBLI JAMEEL, M. Pharm., SENIOR LECTURER

Class Teaching: D. Pharm., B. Pharm., M. Pharm

5. MANJU SHARMA, M. Pharm., Ph.D., SENIOR LECTURER

Class Teaching: D. Pharm., B. Pharm., M. Pharm

Research Guidance: 01 Ph.D., 01 M.Pharm.



Dr. KK Pillai and Dr. Farhan Jalees Ahmad with Dr. MK Pangasa, Astit. Controller of Patents

Publication:

- Abstracts of conference papers: **Two**

Conference/Seminar/Symposium/Workshop attended:

- International Conference of International Society for Heart Research (Indian Section) & International Society for Cardiovascular Sciences (Indian Section) Ahmedabad-India (December 31 January 02, 2005)
- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized Jamia Hamdard (February 26, 2005)

Administrative/Advisory Engagements:

- Organizing Committee, Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*

6. KIRAN DUBEY, M. Pharm., SENIOR LECTURER

Class Teaching: D. Pharm., B. Pharm. & M. Pharm.

Conference/Seminar/Symposium/Workshop attended:

- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Jamia Hamdard (February 26, 2005)
- Symposium on *Drug Discovery & Development*, Delhi Institute of Pharmaceutical Sciences & Research, New Delhi (March 21, 2005)

Administrative/Advisory Engagements:

- Member, Board of Studies (Pharmacology)

7. S.E. HAQUE, M.Sc., Ph.D., LECTURER

Class Teaching: B. Pharm., M. Pharm.

Publications:

- Haque, S.E. & Gilani, K.M.A. (2005). Effect of ambroxol, spirulina and Vitamin-E in naphthalene induced cataract in rats. *Indian J. Physiol. Pharmacol.* **49**: 57-64.



Mr. Siraj Hussain, former Vice-Chancellor, welcomes Prof. Crispus Makau Kiamba, University of Nairobi, Kenya

- Haque, S.E. (2004). Isothermal denaturation of cytochrome-C by urea at different pH values. *Orient. J. Chem.* **20**: 557-560.

Conference/Seminar/Symposium/Workshop attended:

- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Faculty of Pharmacy, Jamia Hamdard, New Delhi (February 26, 2005)

Administrative/Advisory Engagements:

- Member, Board of Studies (Pharmacology)

8. DIVYA VOHORA SHANGARI, M. Pharm., Ph.D., SENIOR LECTURER

Class Teaching: D. Pharm., B. Pharm., M. Pharm.

Research Guidance: 02 Ph.Ds, 01 M.Pharm.

Publications:

- Vohora, D. (2004). Histamine, selective H₃ receptor ligands and cognitive functions: An overview. *Investigational Drugs* **7**: 667-73.
- Vohora, D. (2004). Histamine as an anticonvulsant inhibitory neurotransmitter. *Curr. Neuropharmacol.* **2**: 419-425.
- Ali, A., Ahmad, F.J., Pillai, K.K. & Vohora, D. (2004). Evidence for antiepileptic potential of amiloride with neuropharmacological benefits in rodent models of epilepsy and behavior. *Epilepsy Behavior* **5**: 322-328.
- Khanam, R., Pillai, K.K. & Vohora, D (2005). Depression in diabetics: current perspectives. www.pharmainfo.net (as special article, 2005).
- Shahid, M., Pillai, K.K. & Vohora, D. (2004). Reversal of phenytoin induced impairment of spontaneous alternation by piracetam in mice. *Indian J. Pharmacol.* **36**: 20-24.

Research Project: 01 (funded by DST)

Conference/Seminar/Symposium/Workshop attended:

- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Faculty of Pharmacy, Jamia Hamdard, New Delhi (February 26, 2005)
- 5th Annual Symposium on *Frontiers in Biomedicine Research* at ACBR, Univ. of Delhi (March 14-16, 2004)
- Symposium on *Drug Discovery & Development*, DIPSAR, New Delhi (March 21, 2005)

Academic Honours/Distinctions:

- Member, Publications Committee for International Behavioral Neuroscience Society, USA
- Reviewer for the Journal *Epilepsia*, USA and *Indian J Experimental Biology*.

Administrative/Advisory Engagements:

- Member, Placement Cell, Faculty of Pharmacy

Extra-Curricular Activities:

- Member, Society for Neuroscience, USA.
- Member, International Behavioral Neuroscience Society, USA
- Member, International Brain Research Organization, France
- Member, Indian Pharmacological Society
- Member, Indian Pharmacy Graduates Association
- Member, Society of Biosciences, India

9. ABUL KALAM NAJMI, M. Pharm., LECTURER

Class Teaching: D. Pharm, B. Pharm, M. Pharm.

Publications:

- Najmi, A.K., Pillai, K.K., Pal, S.N. & Aqil, M. (2005). Free radical scavenging and hepatoprotective activity of jigrine in galactosamine induced hepatopathy in rats. *J. Ethnopharmacol.* **97**: 521-525.
- Najmi, A.K., Pillai, K.K., Pal, S.N., Aqil, M. & Akhtar, M. (2004). Ornithine aspartate protects against thioacetamide induced hepatogenic oxidative stress in rats. *J. Gastroenterol. Hepatol.* **19**: 750-751.
- Abstracts of conference papers: **Three**

Conference/Seminar/Symposium/Workshop attended:

- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Jamia Hamdard (February 26, 2005)
- National Seminar on *Application of Modern Analytical Techniques in Chemical & Biological Sciences*, organized by Indian Society of Analytical Scientist & Jamia Hamdard (February 9, 2005)
- 14th Biennial Conference of the Asian Pacific Association for the Study of Liver, New Delhi (December 11-15, 2004)
- Workshop on *Patents* organized by IPA at India Habitat Centre, New Delhi (September 4, 2004)
- Seminar on *Clinical Research* organized by Eli Lilly Co. (September 2, 2004)
- National Seminar on *AIDS* organized by The National Healthcare Foundation at Jamia Hamdard (July 10, 2004)

10. ANSHU MANOCHA, M. Pharm., Ph.D., LECTURER

Class Teaching: D. Pharm., B. Pharm., M. Pharm.

Research Guidance: 01 Ph.D., 02 M.Pharms

Conference/Seminar/Symposium/Workshop attended:

- 4th International Healthcare & Herbal Expo. & Seminar held at Pragati Maidan, New Delhi, India (April 2-4, 2004)
- Seminar on *Videopresentation of the Evolutionary Enlightenment Teachings of Andrew Cohen* held at MoonBeam, Shanti Niketan, New Delhi, India (February 11, 2005)
- Seminar on Body and Mind (Consciousness) held at International Centre, Singapore (June 17, 2004)
- Interactive (Teacher Counselling / student teacher guidance) session at Deptt. of Pharmacology, National University of Singapore (NUS), Singapore (June 8-16, 2004)

Academic Honours/Distinctions:

- Selected in the 5th & 8th editions of Who's in Science and Engineering, New Jersey (NJ), USA.

Extra-Curricular Activities:

- Life Member, Indian Pharmaceutical Association
- Life Member, Indian Pharmacological Society
- Member, ACEM International, Norway

11. RAZIA KHANAM, M. Pharm., LECTURER

Class Teaching: D. Pharm., B. Pharm

Conferences/Symposium/Workshop/Seminar attended:

- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Faculty of Pharmacy, Jamia Hamdard, New Delhi (February 26, 2005)
- Symposium on *Drug Discovery & Development*, Delhi Institute of Pharmaceutical Sciences & Research, New Delhi (March 21, 2004)

Administrative/Advisory Engagements:

- In-charge, Web cell, Faculty of Pharmacy
- Member, Academic Council, Jamia Hamdard

Extra-Curricular Activities:

- Life Member, Indian Pharmacological Society,
- Life Member, Indian Pharmacological Graduates Association
- Life Member, Society of Biosciences

12. AMBRIN FATIMA, M. Pharm., Ph.D., LECTURER

Class Teaching: B. Pharm., M. Pharm.

DEPARTMENT OF PHARMACOGNOSY & PHYTOCHEMISTRY

Head: Prof. M. Ali

The principal goals of the department are to provide pharmaceutical education and research and development programmes in Pharmacognosy & Phytochemistry and to train the students for serving in pharmaceutical industries, hospitals, marketing and research organizations.

The department has provided postgraduate education to 40 M. Pharm. and research programmes to 15 Ph.D. students. The research papers published in national journals are 90 and in international journals are 60 during this year. The research papers presented in national conferences are 45 and in international conferences are 20. The total books published in the department are 18. Three major research projects and three minor research projects have been sanctioned. One of the Faculty members, Dr. S.H. Ansari, has got 9 National/International awards.

The department comprises of 08 teachers, 03 professors, 01 senior lecturer and 04 lecturers and 07 non-teaching staff members; and 01 adjunct professor

New Infrastructures added:

- Shimadzu HPLC with Winchrom software
- BOD Shaker Incubator
- Horizontal Laminar Air-flow Cabinet
- Plant Tissue Culture Castor racks with Photoperiodic timer
- Vertical Autoclave

Inter Institutional Collaborations:

- Seoul University, Korea
- IGIB (CSIR), Delhi
- Rajiv Gandhi University, Bhopal
- Bundel Khand University, Jhansi
- Jamia Milia Islamia, Delhi
- Gujrat Cancer and Research Institute, Ahmadaba
- Ranbaxy Research Laboratories, Gurgaon

V.I.'s Visit To The Department:

- **Prof. Surnjeet Singh**, NIPER, Mohali, Chandigarh
- **Dr. Izzatullah Khan**, Deputy Commissioner, Ministry of Environment and Forest
- **Dr. Naseem Ahmad**, Additional Director, Ministry of Social Justice & Empowerment

- **Dr. Mohd Aslam**, Scientist E, DBT, Delhi
- **Dr. R. Ramachndrum**, SRS, Analytical Division, Ranbaxy Research Lab, Gurgaon
- **Prof. V. B. Pareekh**, Uttakal University, Bhubaneswar
- **Prof. D. K. Tripathi**, Uttakal University, Bhubaneswar
- **Dr. Rakesh Maurya**, Scientist E₂, CDRI, Lucknow
- **Dr. Sayed Akhtar Husain**, Jamia Millia Islamia, Delhi
- **Mr. Nirmal Sharma**, Director, Planning commission
- **Prof. Ikram Ahmad**, Director Academics, Kalka Institute of Ayurvedic Research, Delhi

Ph.Ds Awarded:

- 03 Ph.Ds awarded during this period

Students' Performance in National Exams:

- Eight students qualified GATE-2004

TEACHERS' PROFILES

1. RASHEEDUZ ZAFAR, M.Pharm., Ph.D., PROFESSOR

Class Teaching: B.Pharm., M.Pharm.

Research Guidance: 05 Ph.Ds

Publications:

Research Papers

- Zafar, R., Mujeeb, M., & Ahmad, S. (2004) Preliminary phytochemical screening of root culture of *Tephrosia purpurea* (Linn.) Pers. *Hamdard Medicus* **47** (1): 23-27.

Reviews:

- Zafar, R., Ahmad, S., & Mujeeb, M. (2004). *Morus alba* Linn. - A review. *Hamdard Medicus* **47**: 91-104.
- Zafar, R., & Aeri, V. (2004). *Artemisia annua* Linn. -A review. *Hamdard Medicus* **47**: 41-61.
- Abstracts of conference papers: **Ten**

2. M. ALI, M.Sc., Ph.D., PROFESSOR

Class Teaching: B.Pharm., M.Pharm.

Research Guidance: 06 Ph.Ds & 04 M.Pharms

Publications:

Research Papers:

- Mukhtar H.M., Ansari S.H., Ali M. & Naved T. (2004). Anti- microbial activity of *Zizyphus vulgaris* roots. *Hamdard Medicus* **47**: 27-29.
- Mukhtar H.M., Ansari S.H., Ali M. & Naved T. (2004). New Compounds from *Zizyphus vulgaris*. *Pharmaceutical Biol.* **42**: 508-511.

- Dabur, R., Singh, H., Chillar, A.K., Ali, M., & Sharma, G.L., (2004). Antifungal potential of indian medicinal plants. *Fitoterapia* **75**: 389-391
- Dabur, R., Ali, M., Singh, H., Gupta J. & Sharma, G.L. (2004). A novel Antifungal pyrrole derivative from *Datura metel* leaves. *Die Pharmazie* **59**: 568-570
- Ali, M., Siddiqui, N.A., Singh V. & Mir, S.R. (2004). Chemical constituents of aerial parts of *Convolvulus pluricaulis*. *J. Saudi Chem. Soc.* **8**: 137-144
- Ali, M., Sahrawat, I. & Singh, O. (2004). Volatile constituents of *Cymbopogon citrates* (DC.) leaves. *J. Essent. Oil Bearing Plants* **7**: 56-59
- Ali, M., Sahrawat, I. & Singh, O. (2004). Phytochemical investigation of Shilajit. *Ind. J. Chem.* **43**: 2217-2222.
- Ali, M., Ramachandram, R., Rafiullah, M.R.M., Singh, O., Siddiqui, A.W. & Mir, S.R. (2004). Prevention of carbon tetrachloride-induced hepatotoxicity by the ethanolic extract of *Capparis moonii* fruits. *Pharmaceutical Biology* **42**: 4-5.
- Ramachandram, R., Ali, M. & Mir, S.R. (2004) Phytoconstituents from *Capparis mooni* fruits. *Indian J. Nat. Products* **20**: 40-42.
- Zaman, K., Ali, M., Kapoor, R., Siddiqui, A.W. & Mir, S.R. (2004). Essential oil composition of flowers of *Eucalyptus citriodora* Hook. *J Essential Oil Bearing Plants* **7**: 160-164.
- Kumar, A., Ali, M. & Mir, S.R. (2004). A new withanolide from the roots of *Withania somnifera*. *Indian J Chem.* **43**: 2001-2003.
- Ramachandran, R., Ali, M. & Mir, S.R. (2004). Isolation and characterization of aliphatic constituents from *Cressa cretica* aerial parts. *J Saudi Chem. Soc.* **8**: 523-530.
- Goyal, D. & Ali, M. (2004). A new homotriterpene from the roots of *Marsdenia tenacissima*. *Die Pharmazie* **59**: 735-736.
- Haq, K., Ali, M., & Siddiqui, A.W. (2005). New compounds from the seeds of *Embelia ribes*. *Die Pharmazie* **60**: 69-71.
- Naved, T., Siddiqui J.I., Ansari, S.H., Mukhtar, H.M., & Ali, M. (2004). Phytochemical and pharmacological studies on *Juglans regia*. *Pharma Review* **2**: 81-84.
- Mukhtar, H.M., Ansari, S.H., Naved, T., & Ali, M. (2004). Effect of water extract of *Psidium guajava* leaves on alloxan-induced diabetic rats. *Die Pharmazie*, **59**: 734-735.
- Mukhtar, H.M., Ansari, S.H., Ali, M., Bhat, Z.A., & Naved, T. (2004). Effect of aqueous extract of *Cymopsis tetragonoloba* beans on blood glucose level in normal and alloxan-induced diabetic rats. *Ind. J. Expt. Biology.* **42**: 1212-1215.
- Mukhtar, H.M., Ansari, S.H., Ali, M., & Naved, T. (2004). A new -lactone containing triterpene from the flowers of *Calendula officinalis*. *Pharmaceutical Biology* **42**: 305-307.
- Ansari, S.H. & Ali, M. (2004). Characterization of volatile constituents of Mango Qalmi. *J. Essent. Oil Res.* **16**: 417-419.



Pharmacy students during a field study of medicinal plants

- Hussain, A., Ansari, S.H., Naved, T., & Ali, M. (2004). Herbal immunomodulators. *Pharma Review* **2**: 86-99.
- Abstracts of conference papers: **Twenty**

Conference/Seminar/Symposium/Workshop attended:

- National Seminar on *Analytical Science*, organized by Indian Society of Analytical Scientist & Jamia Hamdard (February 9, 2005)
- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Faculty of Pharmacy, Jamia Hamdard (February 26, 2005)

Administrative/Advisory Engagements:

- Dean Faculty of Pharmacy.
- Head, Department of Pharmacognosy & Phytochemistry.
- Chairman, Faculty Committee, Faculty of Pharmacy
- Chairman, Board of Research Studies, Faculty of Pharmacy

3. S.H. ANSARI, M. Pharm., Ph.D., D.Sc., PROFESSOR

Class Teaching: B.Pharm., M.Pharm.

Research Guidance: 4 Ph. Ds & 02 M.Pharms

Publications:

- Ansari, S.H., & Ali, M. (2004). Characterization of volatile constituents of mango Qalmi. *J. Essent. Oil Res.* **16**: 417-419.
- Ansari, M.M, Ahmad J., Ansari S.H. & Khan S.A. (2004). A review on its chemistry and biological activities on *Alstonia scholaris* (L.) R. Br. *Hamdard Medicus* **47**: 45-49
- Mukhtar H.M., Ansari S.H., Ali M. & Naved T. (2004). Anti- microbial activity of *Zizyphus vulgaris* roots. *Hamdard Medicus* **47**: 27-29.
- Mukhtar H.M., Ansari S.H., Ali M. & Naved T. (2004). New Compounds from *Zizyphus vulgaris*. *Pharmaceut. Biol.* **42**: 508-511.
- Naved, T., Siddiqui J.I., Ansari, S.H., Mukhtar, H.M., & Ali, M. (2004) Phytochemical and pharmacological studies on *Juglans regia*. *Pharma Review* **2**: 81-84.
- Mukhtar, H.M., Ansari, S.H., Naved, T., & Ali, M. (2004). Effect of water extract of *Psidium guajava* leaves on alloxan-induced diabetic rats. *Die Pharmazie* **59**: 734-735
- Mukhtar, H.M., Ansari, S.H., Naved, T., & Ali, M. (2004). Anti-hyperglycaemic activity of *Psidium guajava* bark extract. *J. Natural Remedies* **4**: 150-154.
- Mukhtar, H.M., Ansari, S.H., Ali, M., & Naved, T. (2004). A new -lactone containing triterpene from the flowers of *Calendula officinalis*. *Pharmaceutical Biology* **42**: 305-307.

- Hussain, A., Ansari, S.H., Naved, T., & Ali, M. (2004) Herbal immunomodulators. *Pharma Review* **2**: 86-99.

- Mukhtar H.M., Ansari S.H., Naved T. & Bhat Z.A. (2004). Antifungal activity of *Betula pendula* bark. *Indian J. Natural Products* **20**: 34.

- Mukhtar H.M., Ansari S. H., Ali M., Bhat Z. A. & Naved T. (2004). Effect of aqueous extract of *Cymopsis tetragonoloba* Linn. beans on blood glucose level in normal and alloxan-induced diabetic rats. *Indian J. Exp. Biol.* **42**: 1212-1215

- Abstracts of conference papers: **Fifteen**

Conference/Seminar/Symposium/Workshop attended:

- 56th Indian Pharmaceutical Congress, Kolkatta (December 5, 2004)
- International Seminar of *Unani Medicine*, organized by CCRUM, New Delhi (February 8-11, 2005)
- 92nd Indian Science Congress, Ahmedabad (January 3-7 2005)

Academic/Advisory Engagements:

- Chairman, Admission Committee, Jamia Hamdard
- Member, Maintenance Committee, Jamia Hamdard
- Member, Career Counseling Cell, Jamia Hamdard
- Member, Board of Studies, Department of Pharmacognosy & Phytochemistry
- Member, Faculty Committee, Faculty of Pharmacy, Jamia Hamdard
- Member, Board of Studies, Integral University, Lucknow and Bundel Khand University, Jhansi

Academic Honours/Distinctions:

- Referee for Journal of Ethanopharmacology
- Expert of AICTE to visit Post graduate institutions
- ISTE Visiting Professor for the year 2004-2005

4. VIDHU AERI, M. Pharm., Ph.D., SENIOR LECTURER

Class Teaching: B.Pharm., M. Pharm.

Research Guidance: 02 Ph. Ds & 04 M.Pharms

Publications:

Reviews

- Pande, D., Pahwa, S. & Aeri, V. (2004). Recent progresses and prospects in DNA vaccines: A review. *J. Sci. Pharmacy* **5**: 132-142.
- Zafar R, & Aeri, V. (2004). *Artemisia annua* Linn.- A review. *Hamdard Medicus* **47**: 41-61.
- Abstracts of conference papers: **Nine**

Administrative/Advisory Engagements:

- Editor, University Newsletter, Spreadsheet
- Member PR Group, Jamia Hamdard.
- Placement Coordinator, Dept. of Pharmacognosy & Phytochemistry.
- Member, Board of Studies, Department of Pharmacognosy & Phytochemistry
- Member, Board of Research Studies, Faculty of Pharmacy

Conference/Seminar/Symposium/Workshop attended:

- 4th International Healthcare and Herbo Expo and Seminar 2004, Pragati Maidan, New Delhi (April 2-4, 2004)
- Symposium on Future Trends in Phytochemistry, Gargnano, Italy (May 5-8, 2004).
- Workshop on Sensitization of Women scientist/engineers for the upliftment of rural women and other section requiring special support, DST, New Delhi (January 12, 2005)
- National Seminar on *Analytical Science*, organized by Indian Society of Analytical Scientist & Jamia Hamdard (February 9, 2005)
- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Faculty of Pharmacy, Jamia Hamdard (February 26, 2005)

Extra-curricular activities:

- Life Member, European Society of Phytochemistry
- Life Member, Indian Association of Analytical Scientist
- Executive Member, IPC, Delhi Branch

5. M. MUJEEB, M. Pharm., LECTURER

Class Teaching: D.Pharm., B.Pharm., M. Pharm.

Research Guidance: 02 M.Pharms

Publications:

Research Paper

- Zafar, R., Mujeeb, M. & Ahmad, S. (2004). Preliminary phytochemical screening of root culture of *Tephrosia purpurea* (Linn.) Pers. *Hamdard Medicus* **47**: 23-27.

Reviews

- Zafar, R., Ahmad, S. & Mujeeb, M. (2004). *Morus alba* Linn. - A review. *Hamdard Medicus* **47**: 91-104.
- Abstracts of conference papers: **Eight**

Administrative/Advisory Engagements:

- General Warden, Jamia Hamdard
- Warden, PG Boys Hostel

- Member, Board of Studies, Department of Pharmacognosy & Phytochemistry
- Member, Faculty Committee, Faculty of Pharmacy

Conferences/Workshops attended:

- 56th Indian Pharmaceutical Congress, Kolkatta (December 3-5, 2004)
- International Conference on *Unani Medicine*, organized by CCRUM, Vigyan Bhawan, New Delhi (February 8-11, 2005)
- 11th Quality Improvement Programme at DIPSR, New Delhi (October 25-29, 2004)
- 12th Quality Improvement Programme at DIPSR, New Delhi, (November 1-5, 2004)
- National Seminar on Analytical Science, organized by Indian Society of Analytical Scientist & Jamia Hamdard (February 9, 2005)
- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Faculty of Pharmacy, Jamia Hamdard (February 26, 2005)

Extra-curricular activities:

- Life Member, Association of Pharmaceutical Teacher of India

6. SHOWKAT R. MIR, M. Pharm., LECTURER

Class Teaching: D.Pharm., B.Pharm., M. Pharm.

Research Guidance: 01 M. Pharm.

Publications:

- Ali, M., Ramachandram, R., Rafiullah, M.R.M., Singh, O., Siddiqui, A.W. & Mir, S.R. (2004). Prevention of carbon tetrachloride- induced hepatotoxicity by the ethanolic extract of *Capparis moonii* fruits. *Pharmaceutical Biology* **42**: 4-5.
- Ramachandram, R., Ali, M. & Mir, S.R. (2004). Phytoconstituents from *Capparis mooni* fruits. *Ind. J. Nat. Products* **20**: 40-42.
- Zaman, K., Ali, M., Kapoor, R., Siddiqui, A.W. & Mir, S.R. (2004). Essential oil composition of flowers of *Eucalyptus citriodora* Hook. *J. Essential Oil Bearing Plants* **7**: 160-164.
- Kumar, A., Ali, M. & Mir, S.R. (2004). A new withanolide from the roots of *Withania somnifera*. *Indian J. Chem.* **43**: 2001-2003.
- Ramachandran R., Ali, M. & Mir, S.R. (2004). Isolation and characterization of aliphatic constituents from *Cressa cretica* Aerial parts. *J. Saudi Chem. Soc.* **8**: 523-530.
- Ali, M., Siddiqui, N.A., Singh V. & Mir, S.R., (2004). Chemical constituents of aerial parts of *Convolvulus pluricalis*. *J. Saudi Chem. Soc.* **8**: 137-144

- Abstracts of conference papers: **Ten**

Conference/Seminar/Symposium/Workshop attended:

- International Conference on *Promotion and Development of Botanicals*, Kolkata (February 25-26, 2005)
- International Conference on Unani Medicine, organized by CCRUM, New Delhi (February 8-11, 2005)
- 11th Quality Improvement Programme at DIPSR, New Delhi (October 25-29, 2004)

Administrative/Advisory Engagements:

- Member Academic Council, Jamia Hamdard
- Member, Board of Studies, Department of Pharmacognosy & Phytochemistry

7. SHOAIB AHMAD, M. Pharm., LECTURER

Class Teaching: D.Pharm., B.Pharm.

Research Guidance: 01 M.Pharm.

Publications:

Research Papers

- Alam, K., Jamil, S., Ahmad, S., Akhtar, J. & Fasihuzzaman (2004). Clinical evaluation of *Punica granatum* Linn. fruit rind in zaheer ameebai (Intestinal Amoebiasis). *Hamdard Medicus* **47**:70-75.
- Jamil, S., Akhtar, J. & Ahmad, S. (2004). Aetiology of chronic bronchitis in a secondary care clinical setting in Delhi, India. *Hamdard Medicus* **47**: 73-74.
- Zafar, R., Mujeeb, M., & Ahmad, S. (2004) Preliminary phytochemical screening of root culture of *Tephrosia purpurea* (Linn.) Pers. *Hamdard Medicus* **47** (1): 23-27.

Reviews

- Ahmad, S., Akhtar, J. & Jamil S (2004). *Glycyrrhiza glabra* Linn. in unani formulations. *Hamdard Medicus* **47**:76-79.
- Abdullah, M.M., Namdeo, K.P., Ahmad, S. & Ali, A. (2004). Phytochemical and biological investigations on *Pedalium murex* D. J. *Sci. Pharm.* **5**: 143-146.
- Zafar, R., Ahmad, S. & Mujeeb, M. (2004). *Morus alba* Linn. - A review. *Hamdard Medicus* **47**: 91-104.
- Ahmad, S., Akhtar, J. & Jamil, S. (2004). Some important websites on plant science. *Hamdard Medicus* **47**: 62-69.

- Aqil, M. & Ahmad, S. (2004). Grooming a competent drug information specialist. *Indian J. Pharmacol.* **36**: 96-98.

- Abstracts of conference papers: **Five**

Conference/Seminar/Symposium/Workshop attended:

- Intellectual Property Rights Awareness Seminar on *Pharmaceuticals*, organized by Faculty of Pharmacy, Jamia Hamdard (February 26, 2005)
- IPA Workshop on *Patents* at IHC, New Delhi (September 4, 2004)
- NHF National Seminar on *AIDS* at Jamia Hamdard (July 10, 2004)

Administrative/Advisory Engagements:

- Member, Academic Council
- Member, Career Counselling Cell, Jamia Hamdard
- Coordinator, AICTE-MODROBS Research Project

Extra-curricular activities:

- Assisted PCI and AICTE inspections.
- Sub-Editor, *Journal of Science & Pharmacy* (India)

8. BIBHU PRASAD PANDA, M. Pharm., LECTURER

Class Teaching: M. Pharm.
(Pharmaceutical Biotechnology)

Research Guidance: 01 M.Pharm.

Publication:

- Abstract of conference paper: **One**

Administrative/Advisory Engagements:

- Tabulator of Jamia Hamdard Examinations 2003-2004

Conference/Seminar/Symposium/Workshop attended:

- Faculty Development Programme on Intellectual Property Rights, IIT Delhi, New Delhi (December 6-10, 2004)
- *Biohorizon 2005*, Department of Biochemical Engineering and Biotechnology, IIT Delhi, New Delhi (March 11-12, 2005)

Extra-Curricular activities:

- Life Member, Indian Society for Technical Education, India

Faculty of Science

There are five Departments in the Faculty. These are Departments of Biochemistry, Biotechnology, Botany, Chemistry and Medical Elementology & Toxicology.

The Faculty offers M.Sc. programmes in Biochemistry, Biotechnology, Chemistry-Industrial applications, Environmental Botany and Toxicology. The teachers of the Faculty are very active in research, mainly in the areas of health sciences with emphasis on herbal medicines and medicinal plants. Each department of the Faculty, also offers Ph.D. programme in the subject. Many teachers have research projects funded by external funding agencies which include DST, DBT, ICMR, CSIR, CCRUM, Ministry of Environment etc. The research activities of the Faculty are supported by a well equipped Central Instrumentation Facility(CIF) and an Animal House. The equipments in the CIF are available for use by the teachers and research scholars at any time of the day/night. The CIF also has a well equipped computer lab having internet connections. The server of CIF is connected with the ISDN line and provides internet & intranet connectivity to the computers placed in the faculty rooms of various departments. The Animal House not only maintains animals for teaching and research but also breeds some species and provides to scientists of other institutions. This year ELISA Plate Reader (Spectra Max 340 PC) and Millipore Filtration Water Purification System have been added to the CIF. In addition, the following are the specific detail of activities undertaken during this period.

V.I.P.s' Visits to the Faculty

- Prof. Crispus Makau Kiamba, Vice Chancellor, University of Nairobi, Kenya (May, 2004)
- A delegation led by Dr. Ahmed Shabaani, Dean of Science Faculty, Shahid Beheshti University, Iran (June 2004)
- Prof. R.S. Gupta, McMaster University, Hamilton, Ontario, Canada
- Prof. Asad Ahmad, Department of Biological Sciences, University of Alberta, Canada
- Ms. Nahmagal Krishnapillai, Department of Botany, University of Jaffna, Sri Lanka.

Dean



Prof. Muhammad Iqbal

Departments

Department of Biochemistry

Department of Biotechnology

Department of Botany

Department of Chemistry

Department of Medical Elementology and Toxicology

Ph.Ds awarded

11 students of various departments of the Faculty, awarded Ph.D. degrees during the period.

Other information

- During the period, 44 new research scholars have been registered in various departments of the Faculty. Fifteen of them are NET qualified.
- More than 250 new books have been added to the Faculty Library on various subjects

DEPARTMENT OF BIOCHEMISTRY

Head: Prof. M.A. Baig

The department, comprising six teachers (one Professor, one Reader, and four Lecturers) and a non-teaching staff of seven members, offers M.Sc. and Ph.D. programmes of study.

TEACHERS' PROFILES

1. M.A. BAIG, M.Sc., Ph.D., PROFESSOR

Class Teaching: M.Sc. (Biochemistry),
M.Sc. (Biotechnology),
M. Pharm. (Pharmaceutical Biotech.),
M.D. (Moalijat)

Research Guidance: 08 Ph.Ds

Publications:

- Ahsan, A., Ram, R., Baig, M.A. & Pasha, M.A.Q. (2004). ACE I allele and eNOS allele crosstalk may have a role in chronic obstructive pulmonary disease. *Clinical Biochem.* **37**: 1037- 1040.
- Ahsan, A., Charu, R., Norboo, T., Afrin, F., Baig, M.A., & Pasha, M.A.Q. (2004). eNOS allele variants at the same locus associate with HAPE and adaptation. *Thorax.* **59**: 1000-1002.
- Humaira, F., Baig M.A., Ahmad, F. and Ali, S. (2004) Boron interacts and stabilizes cytochrome c, an apoptotic inducer, under oxidative stress conditions. In: Proceeding of *International Conference on Chemistry Biology Interface: Synergistic New Frontiers*. New Delhi, pp. 23-25.
- Abstract of conference paper: **One**

Conferences/Workshops/Seminars Attended:

- 3rd International Conference on *Hepatobiliary & Pancreatic Cancer*, New Delhi (April, 2004)
- International Conference on *Chemistry Biology Interface: Synergistic New Frontiers*, New Delhi (November, 2004)

Administrative/Advisory Engagements:

- Dean, Faculty of Science (till October, 2004)
- Chairman, Career Counseling Cell
- Chairman, 10th Plan Committee
- Chairman, Fee Committee and other matters pertaining to the admission for the academic session 2005-2006.
- Member, Committee of Academic and Administrative Audit of Faculty of Management Studies and Information Technology.

- Coordinator for the matters related to the legislation for the regulation of professional education in the country.

Academic Honors/Distinctions:

- Member, Advisory Board, Oriental Journal of Chemistry, Bhopal
- Member, Editorial Board, Research journal "Bioscience Biotechnology Research Asia, Bhopal
- Member, Board of Studies, Department of Biochemistry, Faculty of Life Sciences, AMU, Aligarh

Extra-curricular Activities:

- Life Member, Society of Biological Chemists (India)
- Life Member, Indian Biophysical Society
- Appointed the chairperson of the expert committee for the upgradation of Jr. Research Fellows to Sr. Research Fellows in the Institute of Genomics and Integrative Biology (IGIB), University of Delhi, Delhi
- Made a presentation during the career workshops organized by Centre for Career Development and programme partner of the Hindustan Times-PACE (Partnerships for Action in Education) in S.D. Public School, Pitam Pura (July 10-11, 2004), Vivakanand School, Anand Vihar (July 17, 2004) and DAV Public School, Shrestha Vihar (September 22, 2004)
- Made a presentation on the envision of Additional Secretary, Hamdard Education Society to the teachers of madaras about the courses of Jamia Hamdard (May 31, 2004)

2. SHAKIR ALI, M.Sc., Ph.D., READER

Class Teaching: M.Sc. (Biochemistry),
B.Sc./Diploma (Nursing)

Research Guidance: 04 Ph.Ds

Publication:

- Fattahi, E., Motamdei, R., Nayebe, A.R.M., Rezazadeh, H., & Ali, S. (2004). Triple therapy using two dosages of metronidazole and comprozole to eradicate Helicobacter Pyroli infection: a randomized open study. *Ind. J. Gastroenterology* **23**: 154.

Conferences/Workshops/Seminars Attended:

- National Seminar on *Access to Electronic Journals and Databases*, organized by INFLIBNET-UGC, Delhi (December 14-15, 2004)

Research projects: 02 (funded by CSIR, ICMR-UNICEF)

Extra-curricular Activities:

- On international reviewers panel, and invited to review a research article for Medical Science Monitor

- Invited by ICMR to talk on 'Serum Retinol Determination by HPLC' in Shillong (14-17, Feb. 2004)
- Invited as a member at ICMR headquarter to discuss the matters related to 'Capacity Building of Young Scientists in North-East States'

3. SALEEM JAVED, M. Sc., Ph.D., SENIOR LECTURER

Class Teaching: M. Sc. (Biochemistry)

Research Guidance: 04 Ph.Ds

Conferences/Workshops/Seminars Attended:

- Workshop on *Management of Research & Development*, organized by Technical and Management Development Centre, New Delhi (August 4-6, 2004)
- Symposium on *Biochemical Engineering and Biotechnology*, organized by Indian Institute of Technology (IIT), New Delhi (March 11-12, 2005)
- Refresher Course in *Environmental Studies*, organized by Center for Professional Development in Higher Education, Delhi University, Delhi (January 17-February 8, 2005)

Publications:

- Qadir, S., Javed, S., Abdin, M .Z. (2004). Biochemical responses of *Brassica juncea* L. (Mustard) Genotypes to Cadmium Stress. *Plant Sci.* **167**: 1171-1181.
- Abstracts of conference papers: **Five**

Research Project: One (funded by DST)

Academic Honors/Distinctions:

- Received the Best Paper Award In the field of Animal Reproduction by the Indian Dairy Association for the Paper Published in Indian Journal of Dairy Science (2004).

Administrative/Advisory Engagements:

- Member, Sports Committee, Jamia Hamdard

6. RANA ZAIDI, M.Sc., Ph.D., LECTURER

Class Teaching: M.Sc. (Biochemistry)

Research Guidance: 01 Ph.D.

Administrative/Advisory Engagements:

- Member, Board of Studies (Department of Biochemistry), Jamia Hamdard

Extra-curricular Activities:

- Member, Editorial Board of *Spreadsheet*

5. WASEEM AHMAD SIDDIQUI, M.Sc., Ph.D., LECTURER

Class Teaching: M.Sc. (Biochemistry) and M.D. (Unani)

DEPARTMENT OF BIOTECHNOLOGY

Head: Prof. S.K. Jain

The department of Biotechnology was established in 1997. It has a core faculty of five teachers (Two professors, One Reader, Two Lecturers) and three non-teaching staff members. Besides, a scientist who had been awarded a research project by DST under WOS-A scheme also participates in teaching and research activities of the Department. A number of guest faculty members and collaborators help us in imparting teaching and training in the areas where in-house expertise is not available. The Department offers two formal programmes of study, two year post-graduate course leading to M.Sc. in Biotechnology and doctoral research leading to Ph.D. degree. Besides, it also offers opportunity for post-doctoral research. The faculty members of the department have been able to attract a large number of extramurally funded research projects. At present the department has seven ongoing research projects sponsored by CSIR, CCRUM, DBT and DST. Some other projects have been submitted and /or are under finalization.

The current research interests of the faculty members include: development of biomolecules by r-DNA technology, regulation of gene expression, vaccine development, enhancement of secondary metabolites in medicinal plants, molecular biology of infectious diseases, biotransformation of medicinal plants for better yield of medicinal compounds and transgenics of vegetable, floriculture and oil crops.

Collaboration

The Department has inter-institutional collaboration with ICGEB (New Delhi), AIIMS (New Delhi), NII (New Delhi), Dabur Research Foundation (Ghaziabad), National Institute of Communicable Diseases (New Delhi), National Center for Biological Sciences (Bangalore), CDRI (Lucknow) TERI (New Delhi), IARI (New Delhi), JNU (New Delhi), University of Delhi South Campus (New Delhi), Institute of Genomics and Interactive Biology (New Delhi) and CDFD (Hyderabad).



Prof. SK Jain speaks in Brain Storming session on "Herbo-Mineral Pharmaceutical products in Indian systems of Medicine : Problems & Prospects"

Infrastructure Added in the Department

A major renovation of the research laboratories in the department have been completed. A number of new equipments have been recently purchased. These include micropipetts, Horizontal laminar air flow, Shimadzu electronic Balance, Electrophoresis units, Digital Power Supply units, pH meters, Aquaguard Hi-flo water purifier, Deep freezer, High Speed refrigerated centrifuge, Microfuge, Cooling Centrifuge, -20° Deepfreezer, Hybridization oven etc.

VIPs' visit to the Department

Professor R.S. Gupta, McMaster University, Hamilton Ontario, Canada visited the Department and delivered a lecturer on "Molecular Sequences and Evolutionary Relationships among Bacteria".

Seminars/ Lecturers Organized

- Organized Re-orientation programme for NGOs to popularize improved production and processing technologies of oil seeds and pulses at rural level in Jamia Hamdard (June 28-30, 2004).
- Organized Brain Storming session on "Herbo-Mineral Pharmaceutical products in Indian systems of Medicine : Problems & Prospects" in collaboration with Indian Geological Congress, Roorkee at Jamia Hamdard (December, 7-8, 2004)

Students' Performance

- 13 students qualified NET and 08 students GATE examination
- 05 students have been awarded Ph.D. degree.

TEACHERS' PROFILES

1. S. K. JAIN, M.Sc., Ph.D., FAZ, PROFESSOR

Classes Teaching: M.Sc. (Biochemistry), M.Sc. (Biotechnology), M.D. (Unani)

Research Guidance: 11 Ph.Ds

Publications:

- Srivastava, N., Javed, S. & Jain, S.K. (2004). Postcoital antifertility efficacy of *Mentha arvensis*. *Univ. J. Phytochem Ayur. Hi.* **1**: 8-17.
- Gupta, R., Tripathi, L.M., Srivastava, M.L., Jain, S.K. & Misra-Bhattacharya, S. (2004). Macrophages in the development of protective immunity against experimental *Brugia malayi* infection. *Parasitology* **129**: 311-323.
- Basu, A & Jain, SK (2004) Biotechnology and human health. In: Jain, P.C. (ed.) *Microbiology and Biotechnology for Sustainable Development*, CBS Publications, New Delhi, pp. 91-109.

- Srivastava, N. & Jain, S.K. (2004). Genes of reproductive hormones. In: Mathur, R., Mathus, A. & Shukla, S. (eds.) *Reproductive Biology*, DD Publications, India, pp. 3-16.
- Madni, A. & Jain, S.K. (2004). Herbal drugs and protection against infectious diseases. In: *Proceedings of World Herbo Expo 2004*. PFA Bhopal Publications, pp 71-79.
- Jain, S.K. (2004). Molecular basis of storage and expression of genetic information. In: Srivastava, L.M., ed. *Concepts of Biochemistry for Medical Students*, CBS Publications, New Delhi, pp. 343-391.
- Jain, S.K. (2005). Herbal medicines and minerals in management of infectious diseases. In: *Proceedings of CCRUM International Conference on Unani Medicine*, pp 93-102.
- Abstracts of conference papers: **Five**

Conferences/Workshops/Seminars Attended:

- NAES meeting, Jamia Hamdard and chaired a scientific session (2004).
- Scientific Session, QIP on *Recent Advances in Pharmaceutical Sciences*, DIP SAR and chaired a scientific session (2004).
- Indo-UK Seminar on Biomarkers of Ecotoxicity, Cancer monitoring and Prevention* and served as a Member of Organizing Committee (August 2004).
- Symposium on *Role of Aromatic and Medicinal Plants and Traditional System of Medicine in Effective Integrated Rural Development by Utilizing Biotechnological Tools*, Jawaharlal Nehru University (2004).
- Brain Storming Session on *Herbo-mineral Pharmaceutical Products in Indian Systems of Medicine: Problem and Prospects*, Jamia Hamdard and acted as Convenor & keynote speaker (December 7-8, 2004).
- Resource Person: ICAR/DBT *International Training Course on Molecular Biology & Biotechnology Techniques (CMBBTAR)*, IVRI (December 2004).
- National Seminar on *Recent Advances in Conservation of Biodiversity & Augmentation of Reproduction and Production in Farm Animals* (February 2005).

Research Projects: Two (funded by CCRUM & DST)

Administrative/Advisory Engagements:

- Head, Department of Biotechnology, Jamia Hamdard
- Chairman, Academic & Administrative Audit Committee, Jamia Hamdard
- Chairman, Library Committee, Jamia Hamdard

- Chairman, Institutional Animal Ethics Committee, Jamia Hamdard
- Member Co-ordinator, Internal quality assurance Cell and the committee for Implimentation of NAAC recommendations, Jamia Hamdard

Academic Honors/Distinctions:

- First Best Paper Award by the Indian Dairy Association, New Delhi, September, 2004
- Elected as Fellow, Academy of Sciences for Animal Welfare.

Extra-curricular Activities:

- Expert, Board of Studies in Biotechnology, Kashmir University, Bhopal University, Sagar University, Jain Vishwa Bharati, AMU, HNB Garhwal Univ, Gwalior University.
- Member, UGC-CSIR, NET, Examination, 2005
- Member, Academic Council, Jawaharlal Nehru University, New Delhi
- Chairman, Scientific Session, Panacea 2004 *Body, Mind & Soul International Symposium*, The Internatl. Ayurveda Foundation, 2004
- Resource Person, TCS-Colombo Plan International Training Course on Molecular Biology & Biotechnology Techniques, IVRI, February 2004
- Chairman, Scientific Sessions NAES, meeting, JH. 2004
- Chairman, Scientific Session, QIP on Recent Advances in Pharmaceutical Sciences, DIPSAR, 2004
- Member, Organizing Committee and Participant, Indo-UK Seminar on Biomarkers of Ecotoxicity, Cancer monitoring and Prevention, JH 2004.

2. P. S. SRIVASTAVA, M.Sc., Ph.D., FNASc, FBS, PROFESSOR

Class Teaching: M.Sc. (Biotechnology)

Research Guidance: 07 Ph.Ds

Publications:

- Kumar, S., Narula, A., Sharma M.P. & Srivastava, P.S. (2004). In vitro propagation of *Pluchea lanceolata*- a medicinal plant and effect of heavy metals and different aminopurines on quercetin content. *In Vitro Cell. Dev. Biol.- Plant* **40**: 171-176.
- Gupta, N., Narula, A. & Srivastava, P.S. (2004). Purification and characterization of lectin from seeds of *Delonix regia*. *J. Plant Biochem. Biotech.* **13**: 141-144.
- Narula, A., Kumar S.V., Pande, D., Rajam, M.V. & Srivastava, P.S. (2004). *Agrobacterium*-mediated



Prof. PS Srivastava educating the students

transfer of arginine decarboxylase and ornithine decarboxylase genes to *Datura innoxia* enhances shoot regeneration and hyoscyamine biosynthesis. *J. Plant Biochem. Biotech.* **13**: 127-130.

- Kumar, S., Narula, A., Ehsan, E.A., Abdin, M.Z., Sharma M.P. & Srivastava, P.S. (2004). Application of nitrogen, sulphur and neem cake improves biomass and yield of quercetin in a medicinal plant, *Pluchea lanceolata*. *Indian J Plant Physiol* **9**: 260-268.
- Sharma, S.D., Sangeeta, A.G., Binay, B.M., Srivastava, P.S. (2004). Somatic embryogenesis in a range of genotypes and genetic stability of the plants derived from somatic embryos using morphological and RAPD markers in sweet potato. *J. Plant Biotechnology* **6**: 119 124.
- Kumar, S., Narula, A., Abdin, M.Z., Sharma, M.P. & Srivastava P.S. (2004). Enhancement in biomass and berberine concentration by neem cake and nitrogen (Urea) and sulphur nutrients in *Tinospora cordifolia* Miers. *Physiol. Mol. Biol. Plants* **10**: 243 251.
- Dixit, S., Ahuja, S., Narula, A. & Srivastava, P.S. (2004). Cropreservation: a potential tool for long-term conservation of medicinal plants. In: Srivastava, P.S., Narula, A. & Srivastava, S., eds, *Plant Biotechnology and Molecular Markers*, Anamaya-Kluwer Acad. Publ., New Delhi-Dordrecht, pp. 278-288.
- Tayal, D., Srivastava, P.S. & Bansal, K.C. (2004). Transgenic crops for abiotic stress tolerance. In: Srivastava, P.S., Narula, A. & Srivastava, S., eds, *Plant Biotechnology and Molecular Markers*, Anamaya-Kluwer Acad. Publ., New Delhi-Dordrecht, pp. 346-365.
- Narula, A., Kumar S., Bansal, K.C. & Srivastava, P.S. (2004). Biotechnological approaches towards improvement of medicinal plants. In: Srivastava, P.S., Narula, A. & Srivastava, S., eds, *Plant Biotechnology and Molecular Markers*, Anamaya-Kluwer Acad. Publ., New Delhi-Dordrecht, pp. 78-116.

- Qureshi, I.A., Dash, P.K., Srivastava, P.S. & Koundal, K.R. (2004). Isolation of a cDNA lectin clone from chickpea (*Cicer arietinum* L.). In: Proc. of Biohorizon 6th National Symp. Biochemical Engineering and Biotechnology, IIT, Delhi, pp. 16-17.
- Qureshi, I.A., Srivastava, P.S. & Koundal, K.R. (2004). Molecular cloning of a lectin gene from chickpea (*Cicer arietinum* L.). In: Proc. of Chemistry Biology Interface : Synergistic New Frontiers International Congress, Dr B.R. Ambedkar Centre for Biomedical Research, University of Delhi, India, pp 13 :23-26.
- Abstract of conference paper: One

3. M.Z. ABDIN, M.Sc., Ph.D., READER

Class Teaching: M.Sc. (Biotechnology)

Research Guidance: 04 Ph.Ds completed;
07 Ph.Ds in progress

Publications:

- Anjum Arshi, M. Z. Abdin & Iqbal, M. (2005). Ameliorative effects of CaCl₂ on growth, ionic relations and proline content of Senna (*Cassia angustifolia* Vahl.) under salinity stress. *J. Plant Nutr.* **28**: 101-125.
- Qureshi, M.I., Abdin, M.Z. & Iqbal, M. (2005). Responses of *Artemisia annua* L. to lead and salt-induced oxidative stress. *Environ. Exp. Bot.* **53**: 185-193.
- Fazli, I.S., Abdin, M.Z., Jamal, A. & Ahmad, S. (2005). Interactive effect of sulphur and nitrogen on lipid accumulation, acetyl-CoA concentration and acetyl-CoA carboxylase activity in developing seeds of oilseed crops (*Brassica campestris* L. and *Eruca sativa* Mill.). *Plant Sci.* **168**: 29-36.
- Qadir, S., Qureshi, M.I., Javed, S. & Abdin, M.Z. (2004). Genotypic variation in phytoremediation potential of *Brassica juncea* cultivars exposed to Cd stress. *Plant Sci.* **167**: 1171-1181.
- Kumar, S., Narula, A., Khan, E.A., Abdin, M.Z., Sharma, M.P. & Srivastava, P.S. (2004). Application of nitrogen, sulphur and neem cake improves biomass and yield of quercetin in a medicinal plant, *Pluchea lanceolata*. *Indian J. Plant Physiol.* **9**: 260-268.
- Ahmad, S., Abdin, M.Z., Fazli, I.S., Jamal, A., Maaz, M. & Iqbal, M. (2004). Variability in xanthotoxin concentration in organs of *Ammi majus* and yield at various phenological stages. *J. Med. Arom. Plant Sci.* **26**: 8-11.
- Arshi, A., Abdin, M.Z. & Iqbal, M. (2004). Changes in biochemical status and growth performance of Senna (*Casia angustifolia* Vahl.) grown under salt stress. *Phytomorphology* **54**: 109-124.

- Abstracts of conference papers: Ten

Conference/Seminar/Symposium/Workshop Attended:

- International Conference on *Unani Medicine*, New Delhi, organized by CCRUM, New Delhi; and delivered a lecture on "Medicinal Quality of Herbs: Challenges and Strategies" (February 8-11, 2005)
- National Conference on *Agriculture for Rabi Campaign 2004-2005* at National Agriculture Science Centre, Pusa Campus, New Delhi; and deliver a lecture on "Nutrient Management Protocol for Increased Yield of Rapeseed/Mustard" (September 17-18, 2004)
- The 3rd International Conference on *Natural Products and Bio-Expo 2004*; and delivered a lecture on "Enhancing bioactive molecules in medicinal plants through physiochemical and biotechnological approaches" Nanjing, China (October 23-25, 2004)
- The 59th Annual Convention and National Seminar of *Oil Technologists' Association of India (OTAI)*, New Delhi; and delivered a lecture on "Optimization of Yield and Quality of Mustard through Integrated Nutrient Management Protocol" (December 4-5, 2004)
- Brain Storming Session on "Herbo-Mineral Pharmaceutical Products in Indian Systems of Medicine: Problems & Prospects" organized by Indian Geological Congress and Jamia Hamdard; and delivered a lecture on "Strategies for improving medicinal quality of herbs used in traditional systems of medicine" (December 7-8, 2004)
- Two days National Seminar on *Access to Scholarly Electronic Journals/databases Under UGC-Infonet* held at University of Delhi, organized by Information and Library Network (INFLIBNET) Centre, Ahmedabad in collaboration with University of Delhi, Delhi (14-15 December 2004)
- National Seminar on *Physiological Basis of Improving Agricultural, Horticultural and Medicinal Plants Productivity*, organized by Department of Botany, University of Pune and Indian Society for Plant Physiology (ISPP), New Delhi, and delivered a lecture on "Optimization of yield and quality of rapeseed-mustard through physiological interventions" (December 27-29, 2004).
- Organized "Re-orientation programme for NGOs to popularize improved production and processing technologies of oilseeds and pulses at rural level", Jamia Hamdard (June 28-30, 2004)

Research Project: One (funded by CSIR)

Administrative/Advisory Engagements:

- Member, Board of Studies, Dept. of Biotechnology, Jamia Hamdard

- Member, Academic Council, Jamia Hamdard
- Head, Centre for Transgenic Plant Development, Dept. of Biotechnology

Academic Honours/Distinctions:

- **Conferred Senior Award for the year-2004** by the Academy for Advancement of Agricultural Sciences, Indian Agricultural Research Institute, New Delhi
- **Conferred Young Scientist Award** by the Mustard Research and Promotion Consortium (MRPC), New Delhi.
- **Conferred Distinguished Scientist of the Year 2004 Award** by the National Environmental Science Academy (NESA), New Delhi.
- **Conferred Eminent Scientist Award** by the Health Fitness Trust, New Delhi.

Extra-Curricular Activities:

- Established linkage for R&D work with M/S Avesthagen Biotech Company, Bangalore.
- Life Member, Indian Society for Plant Physiology
- Life Member, Society for Plant Biochemistry and Biotechnology
- Life Member, The Indian Society of Genetics and Plant Breeding
- Life Member, National Environmental Science Academy
- Member, Faculty Committee, Board of Studies, Academic Council, Admission Committee of Jamia Hamdard.
- Guest Faculty, Department of Biosciences, Jamia Millia Islamia, New Delhi
- Referee for Research Journals *Brassica*, *Journal of Plant Physiology and Biochemistry*, *Indian Journal of Biotechnology* and *Journal of Arid Environments*
- Consulting Editor, *Indian Journal of Plant Physiology*, New Delhi

Invited Lecture:

- Delivered a lecture on “*Biotechnology and Agriculture*” in the Seminar on Future Prospects of Biotechnology in India organized by Ishaan Institute of Management & Technology (IIIMT), NOIDA (January 28, 2005)

4. FARHAT AFRIN, M.Sc., Ph.D., LECTURER

Class Teaching: M.Sc. (Biotechnology),
M.Sc. (Biochemistry)

Research Guidance: 04 Ph.Ds

Publications:

- Ahsan, A., Charu, R., Norboo, T., Afrin, F., Baig, M.A. & Pasha, M.A.Q. (2004). *eNOS* allelic variants at the

same locus associate with HAPE and adaptation. *Thorax* **59**: 1000-1002.

- Rajput, C., Makhijani, K., Norboo, T., Afrin, F., Sharma, M., Pasha, S.T. & Pasha, M.A. (2005). CYP11B2 gene polymorphisms and hypertension in highlanders accustomed to high-salt intake. *J. Hypertension* **23**: 79-86.
- Abstracts of conference papers: Two

Administrative/Advisory Responsibilities:

- Member, Academic Council, Jamia Hamdard
- Member, Board of Studies, Department of Biotechnology, Jamia Hamdard

Co-curricular Activities:

- Life Member, Indian Immunology Society
- Guest Faculty, Department of Bioscience, Jamia Millia Islamia

5. SANDEEP DAS M.Sc., Ph.D., LECTURER

Class Teaching: M.Sc. (Biotechnology), M.D. (Unani)

Publications :

- Narula, A., Malik, S., Srivastava, T., Kumar, S., Das, S., & Srivastava, P.S. (2004) Plant biodiversity and its conservation through in vitro technique. In: Dargan, J.S. & Sharma, T.S., eds, *Plant Diversity in India*, Bishen Singh Mahendra Pal Singh, Dehradun, India, pp. 127-146
- Abstracts of conference papers: Four

Research Projects: One (funded by DBT)

Conference/Seminar/Symposium/Workshop Attended:

- *Frontiers in Modern Biology: Biomedical Research from Bench to Field*: 1st meeting of Indian and Max Planck Scientists, held at National Centre for Biological Science, Bangalore (March 06-09, 2005).



Dr. MZ Abdin receives Distinguished Scientist award from Dr. BS Attri, Vice-President, NESA

- 15th International Conference on *Arabidopsis* research, Berlin, Germany ((July 10-14, 2004)

Administrative/Advisory Engagements:

- Member, Academic Council, Jamia Hamdard
- Member, Board of Studies, Department of Biotechnology
- Member, Faculty Committee, Faculty of Science

Extra-Curricular Activities:

- Life Member, Society for Plant Biochemistry and Biotechnology, India

6. DEEPSHIKHA PANDE M.Sc., Ph.D., LECTURER (Leave Vancacy, upto 14.9.2004)

Class Teaching: M.Sc. (Biotechnology), B.Pharm., M.Pharm.

Publications:

- Narula, A., Kumar S.V., Pande, D., Rajam, M.V. & Srivastava, P.S. (2004). *Agrobacterium*-mediated Transfer of Arginine decarboxylase and Ornithine decarboxylase Genes to *Datura innoxia* Enhances Shoot Regeneration and Hyoscyamine Biosynthesis. *J. Plant Biochem. Biotech.* **13**: 127-130.
- Abstracts of conference papers: One

Research Project: one (funded by DST)

Conference/Seminar/Symposium/Workshop attended:

- XI Quality improvement programme on *Recent Advances in Pharmaceutical Sciences*, Delhi Institute of Pharmaceutical Sciences and Research (DIPSAR), New Delhi (October 25-29, 2004)
- International Conference on *Unani Medicine*, New Delhi, India (February 8-11, 2005)

Extra-Curricular Activities:

- Life Member, Society of Bionaturalists
- Member, Indian Association of Plant Tissue Culturist

DEPARTMENT OF BOTANY

Head : Prof. Muhammad Iqbal

The department comprises 8 teachers, one INSA Senior Scientist and 10 members of non-teaching staff.

Research activities of this department relate to the heavy metal and environmental stress on plants, air pollution, impact on plant form, function and medicinal properties, genetic characterization of medicinal plants, ethnobotany and plant systematic, meristematic behaviour and secondary plant growth, tissue culture studies for alkaloid productions, clonal multiplication and preservation of endangered species, transmission and application of variation in plants, regulation of biosynthesis of secondary plant metabolites,

stress physiology and plant nutrition. The department is fully equipped to carry out these investigations. Some new equipment like Thermal Cycler, Ice Flecking Machine, LCD Projector, Incubator Shaker, Electrophoresis System, pH Meter, Hot Air Ovens, Digital Balance, Tissue Culture Rack & Double Distillation Unit, have been procured for laboratory.

V.I.Ps' Visit to the Department

- The following eminent plant scientists visited the Department:
- **Prof. Asad Ahmad**, Department of Biological Sciences, University of Alberta, Canada (December 4, 2004)
- **Prof. Sham Goyal**, Department of Environmental Sciences, University of California, Davis, USA (December 13, 2004)
- **Ms. Nahmagal Krishnapillai**, Department of Botany, University of Jaffna, Sri Lanka (March 3, 2005)

Seminars/Lectures organized:

- One-day Colloquium on "*Health for All*" was organized on the World Environment Day (June 5, 2004). An extempore students debate was conducted on "Environmental Hazards & Human Health".
- The following special Lectures of eminent scientists were organized by the Department of Botany.
 - (a) *Insertion Elements and Genetic Instability*, delivered by Prof. Asad Ahmad of the Department of Biological Sciences, University of Alberta, Canada (December 4, 2004)
 - (b) *Nitrogen and Crop Production: Research Issues and Methods*, delivered by Prof. Sham Goyal of the Department of Environmental Sciences, University of California, Davis, USA (December 13, 2004).
 - (c) *Cardiospermum microcarpum As a Medicinal Plant*, delivered by Ms. Nahmagal Krishnapillai of the Department of Botany, University of Jaffna, Sri Lanka (March 3, 2005)



Prof. M. Iqbal, Vice-Chancellor, Jamia Hamdard and Prof. S.V.S. Chauhan, Secretary of Indian Botanical Society inaugurating a conference of Indian Botanical Society. The Vice-Chancellor & the Rector of S.K. University, Anantapur look on.

Ph.D. awarded:

- One student (Mohd. Mansoor Ansari) received Ph.D. degree in Botany in the 5th Convocation held on January 14, 2005.

Students' Performance

- Ms Shilpi Kilam received Gold Medal for standing first in the M.Sc. (Environmental Botany) 2004 examination
- Ms Gurjeet Kaur & Ms Seema Kumari (M.Sc. Environmental Botany) cleared GATE 2005
- Ms Gurjeet Kaur, Ms Zohra Fatima & Mr Sumit Gairola qualified I paper of NET-CSIR.

TEACHERS' PROFILES

1. MUHAMMAD IQBAL, M.Sc., Ph.D., FLS, FBS, FAEB, FNSA, FNIE, PROFESSOR

Class Teaching: M.Sc. (Environmental Botany)

Research Guidance: 04 Ph.Ds

Publications:

- Kojs, P., Rusin, A., Iqbal, M., Wloch, W. & Jura, J. (2004). Readjustments of cambial initials in *Wisteria floribunda* (Willd.) DC for development of storeyed structure. *New Phytologist* 163: 287-297.
- Iqbal, M., Beigh, S.Y. & Nawchoo, I.A. (2004). Variability in morphology and active constituents of *Podophyllum hexandrum*: a Himalayan herb known for its anti-cancer activity. *J. Trop. Med. Plants* 5: 33-36.
- Khudsar, T., Mahmooduzzafar, Iqbal, M. & Sairam, R.K. (2004). Zinc-induced changes in morpho-physiological and biochemical parameters in *Artemisia annua*. *Biol. Plant.* 48: 255-260.
- Ahmad, S.H., Reshi, Z., Ahmad, J., Mahmooduzzafar & Iqbal, M. (2004). The effect of coal smoke pollution on some physio-chemical aspects of *Croton bonplandianum* Baill. *Indian J. Appl. Pure Biol.* 19: 219-226.
- Wali, B., Mahmooduzzafar & Iqbal, M. (2004). Plant growth, stomatal response, pigments and photosynthesis of *Althea officinalis* as affected by SO₂ stress. *Indian J. Plant Physiol.* 9: 224-233.
- Arshi, A., Abdin, M.Z. & Iqbal, M. (2004). Changes in biochemical status and growth performance of *Senna* (*Cassia angustifolia* Vahl.) grown under salt stress. *Phytomorphology* 54: 109-124.
- Ahmad, S., Abdin, M.Z., Fazli, I.S., Jamal, A., Maaz, M. & Iqbal, M. (2004). Variability in xanthotoxin concentration in organs of *Ammi majus* and yield at various phenological stages. *J. Med. Arom. Plant Sci.* 26: 8-11.



Dr. Altaf Ahmad receives NAAS Associateship from Prof. MS Swaminathan, President, National Academy of Agricultural Sciences

- Husen, A. & Iqbal, M. (2004). Growth performance of *Datura innoxia* Mill. under the stress of coal-smoke pollution. *Ann. Forst.* 12: 182-190.
- Moinuddin, Umar, S. & Iqbal, M. (2004). Plants in relation to excess of heavy metals. In A. Hemantaranjan (ed.) *Advances in Plant Physiology*, pp. 319-346, Scientific Publishers, Jodhpur.
- Hilal, S., Aquil, S., Reshi, Z.A., Mahmooduzzafar & Iqbal, M. (2004). Morpho-anatomical and physiological response of *Croton bonplandianum* Baill. to coal-smoke pollution. In A.N. Kamili & A.R. Yousuf (eds.) *Bioresources; Concerns & Conservation*, pp. 155-173, COD, University of Kashmir, Srinagar.
- Beigh, S.Y., Nawchoo, I.A. & Iqbal, M. (2004). Ethnobotany of Kashmir: Studies on traditional veterinary medicine in Kashmir Himalaya, J&K State, India. In A.N. Kamili & A.R. Yousuf (eds.) *Bioresources; Concerns & Conservation*, pp. 345-351, COD, University of Kashmir, Srinagar.
- Arshi, A., Abdin, M.Z. & Iqbal, M. (2005). Ameliorative effects of CaCl₂ on growth ionic relations and proline content of *Senna* under salinity stress. *J. Plant Nutr.* 28: 101-125.
- Qureshi, M.I., Israr, M., Abdin, M.Z. & Iqbal, M. (2005). Responses of *Artemisia annua* L. to lead and salt-induced oxidative stress. *Environ. Exp. Bot.* 53(2): 185-193.
- Abstracts of conference papers: Ten

Conferences/Seminar/Symposium/Workshop attended:

- International Conference on *Actual Problems of Botany and Plant Physiology*, Mordovia State University, Saransk, Russia (April 22-25, 2004)
- *The Workshop-cum-Interactive Programme of NAAC*, organized by the National Assessment & Accreditation



Prof. Asad Ahmad (University of Alberta, Canada) delivers a seminar lecture

Council, at the Gurukul Kangri Vishwavidyalaya, Haridwar (June 27-30, 2004)

- *The 27th Annual Conference of Indian Botanical Society*, S.K. University, Anantapur (October 29-31, 2004)
- *The 24th Annual Session of the Academy of Environmental Biology*, Institute of Science, Mumbai (November 22-24, 2004)
- National Seminar on *Plant Science in Retrospect and Prospect with Special Reference to Opening of Indian Market to World*, BRA University, Agra (December 19-20, 2004)

Lectures Delivered:

- *"Medicinal plants of controversial identity and problems in their standardization"*, Faculty of Biology, Mordovian State University, Saransk, Russia (April 23, 2004)
- *"Education in India"*, Faculty of Ethnology & Education, Silesian University, Cieszyn, Poland (May 4, 2004)
- *"Secondary growth in vascular plants: concept and terminology"*, University of Allahabad, Allahabad (September 9, 2004)
- *The vascular cambium: structure and activity"*, University of Allahabad, Allahabad (September 10, 2004)
- *Prof. Y.N. Sahai Memorial Lecture*, Institute of Science, Mumbai (November 23, 2004)

Membership in the reputed bodies:

- Member, Board School of Environmental Sciences, BB Ambedkar (Central University), Lucknow
- Member, Board of Studies (Bioscience), Jamia Millia Islamia, New Delhi
- Member, Board of Studies (Botany), Aligarh Muslim University, Aligarh

- Member, Academic Council, Maulana Azad National Urdu University, Hyderabad
- Member, Citizens Alliance for Promotion of Responsive Governance, Delhi

Administrative/Advisory Engagements:

- Vice-Chancellor, Jamia Hamdard
- Dean, Faculty of Science
- Head, Department of Botany
- Member, Finance Committee, Planning & Monitoring Board, Building & Works Committee, and Academic Council of Jamia Hamdard
- Member, Jamia Hamdard Maintenance Committee, Hospital Management Committee, and Hamdard Archives Advisory Committee
- Coordinator for Lectures on Environmental Education
- Editor, Jamia Hamdard Annual Report (2003-04)
- Member, Internal Academic & Administrative Audit Team

Academic Honours/Distinctions:

- Honoured with the **Archana Medal Award-2004** by the Academy of Environmental Biology.
- Elected as **Fellow**, National Institute of Ecology (FNIE)
- Included in NAAC Visiting Team to assess and accredit few institutions of Srinagar (Kashmir), during 22nd-28th of August 2004
- Included in Editorial Board of (a) *Journal of Environmental Biology*, (b) *Journal of Indian Botanical Society* (c) *Indian Journal of Plant Physiology*, (d) *Tropical Ecology* and (e) *Problemy Ekologii* (an ecological journal from Myslowice, Poland).

Extra-Curricular Activities

- Refereed research papers for several Indian as well as foreign journals, including *Plant Genetic Resources: Characterization & Utilization* (Cambridge, UK)
- Evaluated Ph.D. theses of Osmania University (Hyderabad), HNB Garhwal University, Srinagar (Garhwal), CCS University (Meerut), Kashmir University (Srinagar).
- Acted as a member of the Selection Committee organized by J&K Public Service Commission, Srinagar on 16th October for selecting Lecturers in Botany.
- Resource Person in a UGC-sponsored Refresher Course, organized by the Botany Department of the University of Allahabad (September 9-11, 2004)

2. JAVED AHMAD, M.Sc., Ph.D., READER

Class Teaching: M.Sc. (Environmental Botany)

Research Guidance: 01 Ph.D.

Publications:

- Ahmad, S.H., Reshi, Z., Ahmad, J., Mahmooduzzafar & Iqbal, M. (2004). The effect of coal smoke pollution on some physio-chemical aspects of *Croton bonplandianum* Baill. *Indian J. Appl. Pure Biol.* **19**: 219-226.
- Siddiqi, T.O., Ahmad, J. & Khan, H.A. (2005). Role of trace elements of some common leafy vegetables in different diseases. *Indian J. Appl. Pure Biol.* **20**: 119-124.
- Ahmad, S.H., Reshi, Z., Ahmad, J. & Iqbal, M. (2005). Morpho-anatomical responses of *Trigonella foenum graecum* Linn. to induced cadmium and lead stress. *J. Plant Biol.* **48**: 64-84.
- Abstract of conference paper: One

Research Project: One (funded by AYUSH)

Conferences/Seminar/Symposium/Workshop attended:

- Second Global Summit on *Medicinal & Aromatic Plants*, New Delhi, organized by Century Foundation in association with Bangalore University (October 25-29, 2004)
- Dewats Seminar, Decentralized Wastewater Treatment Systems. India Habitat Centre, Delhi, organized by Centre for Science & Environment, New Delhi (November 5-6, 2004)

Administrative/Advisory Engagements:

- Incharge, Horticulture Department, Jamia Hamdard
- OSD (Hospitality), Jamia Hamdard

3. M.P. SHARMA, M.Sc., D.Phil., READER

Class Teaching: M.Sc. (Environmental Botany)

Research Guidance: 05 Ph.Ds

Publications:

- Kumar, S., Narula, A., Sharma, M.P. & Srivastava, P.S. (2004). *In vitro* propagation of *Pluchea lanceolata*, a medicinal plant, and effect of heavy metals and different aminopurines on quercetin content. *In Vitro Cell. Dev. Biol. Plant* **40**: 171-176.
- Akhtar, P., Ali, M., Mir, S.R. & Sharma, M.P. (2004). Volatile constituents of rhizomes of *Alpinia galanga* (Linn.) Willd. *J. Essential Oil-bearing Plants* **7(3)**: 243-246.

- Kumar, S., Narula, A., Sharma, M.P. & Srivastava, P.S. (2004). Application of nitrogen, sulphur and neem cake on improvement of biomass and yield of quercetin in a medicinal plant, *Pluchea lanceolata*. *Indian J. Plant Physiol.* **9**: 260-268.

- Abstracts of conference papers: Two

Conferences/Seminar/Symposium/Workshop attended:

- Workshop on *Development of Resource Materials for Higher Secondary Teachers in Biology* held at NCERT, New Delhi (August 30th to September 03, 2004).
- A week-long programme conducted by NCERT for vetting the teaching aid material in plant taxonomy and also acted as Member of the "Committee for Quick Review of textbook in Biology for Higher Secondary Stage", NCERT, New Delhi (October 11-15, 2004)
- Participated in the NCERT programme for Development of Resource Materials for Higher Secondary Teachers in Biology (December 8-10, 2004).
- International Conference on *Unani Medicine*, New Delhi (February 8-11, 2005)

Extra-Curricular Activities:

- Evaluated Ph.D. theses of H.P. University (Shimla) and HNB Garhwal University (Srinagar)
- Refereed research papers for *Indian Journal of Traditional Knowledge* (New Delhi) *Ethnobotany*, (Lucknow) and *Indian Journal of Forestry* (Dehradun)
- Member, Biotech News International

4. TARIQ OMAR SIDDIQI, M.Sc., Ph.D., FBRs, READER

Class Teaching: M.Sc. (Environmental Botany)

Research Guidance: 03 Ph.Ds

Publications:

- Bashir, F. & Siddiqi, T.O. (2004). Effect of pesticide pollution on vegetation. *Kisan World* **31(5)**: 39.
- Gauga, N., Mahmooduzzafar, Umar, S. & Siddiqi, T.O. (2004). Mercury induced morphological and anatomical responses in *Lycopersicon esculentum* Mill. (Tomato) at various stages of development. *Indian J. Appl. Pure Biol.* **19(2)**: 183-188.
- Siddiqi, T.O., Ahmad, J. & Khan, H.A. (2005). Role of trace elements of some common leafy vegetables in different diseases. *Indian J. Appl. Pure Biol.* **20(1)**: 119-124.
- Abstracts of conference papers: **Seven**

Conferences/Seminar/Symposium/Workshop attended:

- QIP Summer School on *Environmental Pollution and Control*, organized by IIT, Delhi (July 12-17, 2004).



Dr. Mahmooduzzafar speaking on the World Environment Day

- 7th Annual Session of the National Academy of Science, India, University of Rajasthan, Jaipur (December 2-4, 2004)
- International Conference on *Unani Medicine*, New Delhi (February 8-11, 2005)

Administrative/Advisory Engagements:

- Tabulator for the annual examination, Jamia Hamdard

5. MAHMOODUZZAFAR, M.Sc., Ph.D., SENIOR LECTURER

Class Teaching: M.Sc. (Environmental Botany)

Research Guidance: 03 Ph.Ds

Publications:

- Khudsar, T., Mahmooduzzafar, Iqbal, M. & Sairam, R.K. (2004). Zinc-induced changes in morpho-physiological and biochemical parameters in *Artemisia annua*. *Biol. Plant.* **48**: 255-260.
- Ahmad, S.H., Reshi, Z., Ahmad, J., Mahmooduzzafar & Iqbal, M. (2004). The effect of coal smoke pollution on some physio-chemical aspects of *Croton bonplandianum* Baill. *Indian J. Appl. Pure Biol.* **19**: 219-226.

- Wali, B., Mahmooduzzafar & Iqbal, M. (2004). Plant growth, stomatal response, pigments and photosynthesis of *Althea officinalis* as affected by SO₂ stress. *Indian J. Plant Physiol.* **9**: 224-233.
- Hilal, S., Aquil, S., Reshi, Z.A., Mahmooduzzafar & Iqbal, M. (2004). Morpho-anatomical and physiological response of *Croton bonplandianum* Baill. to coal-smoke pollution. In A.N. Kamili & A.R. Yousuf (eds.) *Bioresources; Concerns & Conservation*, pp. 155-173, CORD, University of Kashmir, Srinagar.
- Gauba, N., Mahmooduzzafar, Umar, S. & Siddiqi, T.O. (2004). Mercury induced morphological and anatomical responses in *Lycopersicon esculentum* Mill. (Tomato) at various stages of development. *Indian J. Appl. Pure Biol.* **19**(2): 183-188.
- *Abstracts of conference papers: Six*

Conferences/Seminar/Symposium/Workshop attended:

- International Conference on *Unani Medicine*, New Delhi (February 8-11, 2005)

6. ABDUL MUJIB, M.Sc., Ph.D., SENIOR LECTURER

Class Teaching: M.Sc. (Environmental Botany)

Research Guidance: 03 Ph.Ds

Publications:

- Mujib, A., Cho, M.J., Predieri, S. & Banerjee, S. (2004). *In vitro Applications in Crop Improvement*, Science Publishers, Inc., New Hampshire, USA.
- Abstract of conference paper: **One**

Academic/Advisory Engagements:

- Member, Board of Studies (Botany)

7. SHAHID UMAR, M.Sc., Ph.D., LECTURER

Class Teaching: M.Sc. (Environmental Botany)

Research Guidance: 03 Ph.Ds

Publications:

- Umar, S. & Moinuddin (2004). Influence of combined application of potassium and sulphur on yield, quality, and storage behaviour of potato. *Commu. Soil. Sci. Plant Analysis* **35**: 1047-1060.
- Gauba, N., Umar, S., Mahmooduzzafar & Siddiqi, T.O. (2004). Mercury induced morphological and anatomical responses in *Lycopersicon esculentum* Mill. (Tomato) at various stages of development. *Indian J. App. Pure Biol.* **19**: 183-188.
- Moinuddin, Umar, S. & Iqbal, M. (2004). Plants in relation to excess of heavy metals. In A.

Hemantaranjan (ed.) *Advances in Plant Physiology*, pp. 319-346, Scientific Publishers, Jodhpur.

- Abstracts of conference papers: Four

Research Project: One (funded by International Potash Institute, Basel, Switzerland)

Conferences/Seminar/Symposium/Workshop attended:

- International Conference on *Unani Medicine*, New Delhi (February 8-11, 2005)

Academic/Advisory Engagements:

- Member, Board of Studies (Botany)

8. ALTAF AHMAD, M.Sc., Ph.D., LECTURER

Class Teaching: M.Sc. (Environmental Botany)

Publications:

- Ahmad, A., Khan, I., Abidin, M.Z. & Iqbal, M. (2005). Effect of timing of sulphur fertilizer application on growth and yield of rapeseed (*Brassica campestris* L.). *J. Plant Nutr.* **28**: 1049-1059.
- Abstract of conference papers: One

Research Projects: Three (funded by DST, CSIR, INSA)

Conferences/Seminar/Symposium/Workshop attended:

- 27th Annual Conference of Indian Botanical Society, S.K. University, Anantapur (October 29-31, 2004).
- Brain Storming Session on *Herbo-mineral Pharmaceutical Product in Indian Systems of Medicine: Problems & Prospect*, Jamia Hamdard, New Delhi (December 7-8, 2004).
- 2nd National Workshop on *Electronic Herbarium and Digital Database Preparation*, Institute of Science, Mumbai (February 10-11, 2005).

Administrative/Advisory Engagements:

- Member, Academic Council, Jamia Hamdard
- Member, Syllabus preparation committee for Semester System
- Co-editor, Jamia Hamdard Annual Report 2003-04
- Tabulator, Jamia Hamdard

Academic Honours/Distinctions:

- Elected as **Associate (Young Fellow)** of the National Academy of Agricultural Sciences

Extra-Curricular Activities:

- Life Member, Indian Botanical Society
- Life Member, International Society of Environmental Botanists

DEPARTMENT OF CHEMISTRY

Head: Dr. M. Sarwar Alam

The Department, comprising of six teachers (Two Readers, Two Lecturers and Two Visiting Professors) and a non-teaching staff of four members offers M.Sc. and PhD Programmes of study. Some new equipment like Karl Fischer titrator, High-speed research centrifuges, Muffle furnace, Electrophoresis apparatus, Vortex mixers, Rotavapor, Digital melting point apparatus etc. have been procured for the laboratories.

TEACHER'S PROFILES

1. M. SARWAR ALAM, M.Sc., Ph.D., READER

Class Teaching: M.Sc. Chemistry
(Industrial Applications)

Research Guidance: 07 Ph.Ds

Publications:

- Hamid, H., Abdullah, S.T., Ali, A. & Alam, M.S. (2004). Anti-inflammatory and Analgesic activity of *Uraria lagopoides*. *Pharmaceutical Biology*, **42(2)**:114-116.
- Kaur, G., Alam, M.S., Athar, M., (2004). Nimbidin suppresses functions of macrophages and neutrophils: relevance to its antiinflammatory mechanisms. *Phytother Res.* **18**: 419-24.
- Abstracts of conference papers: Six

Research Projects: Two (funded by CSIR, DBT)

Conference/Seminar/Symposium/Workshop Attended:

- National Conference on *Current trends in drug discovery research (CTDDR-2004)* held at CDRI, Lucknow (March, 2004)
- Brain storming session on *Herbomineral Pharmaceutical products in Indian Systems of Medicine: Problems and Prospects* held at New Delhi (December 7-8, 2004)



Dr. Sarwar Alam welcomes Mr. NR Raje, R&D, Indian Oil Corporation

- International Conference for *Unani medicine* held at New Delhi (January 10-12, 2005)
- Applications of Modern Analytical Techniques in *Chemical and Biology Sciences*, New Delhi (February 9, 2005)

Administrative/Advisory Engagements:

- Head, Department of Chemistry
- Coordinator, P.G. Dip. in Chemoinformatics
- Officer Incharge, Purchase and Stores, Jamia Hamdard.
- Chairman, Board of Studies (Chemistry)
- Member, Academic Council
- Member, Faculty Committee (Science) and Board of Research Studies (Science).

Academic Honours/Distinctions:

- Member, Board of Studies (Chemistry), Barkatullah University, Bhopal
- Honorary Consultant, Asian Biotech Research Centre, Bhopal
- Member, Advisory Board, Oriental Journal of Chemistry

Extra-Curricular Activities:

- Secretary, Staff Club, Jamia Hamdard

2. MANOJ VARSHNEY, M.Sc., Ph.D., READER

- On Extra Ordinary Leave to work as Visiting Scientist at the University of Florida, USA.

3. KALIM JAVED, M.Sc., Ph.D., LECTURER

Class Teaching: M.Sc. Chemistry (Industrial Applications)

Research Guidance: 02 Ph.Ds & 01 M.D.

Publication:

- Azhar, M. M., Javed, K. & Jafri, M. A. (2005). Effect of Rheum emodi (Revand Hindi) on renal functions in rats. *J. Ethnopharma.* **96**: 121-125.
- Jamal, A., Farah, M., Aslam, M., Jafri, M.A., Singh, S. & Javed, K. (2005). Plants with antiulcer activity-a review. In: Sharma, S.K., Govil, J.N., Singh, V.K., eds. *Recent Progress in Medicinal Plants, Phytotherapeutics*, pp. 127-147, Vol. 10, Studium Press LLC, Houston, Texas-77072, USA.
- Mahdi, SF, Aslam, M., Jafri, M.A., Singh, S. & Javed, K. (2005). Plants with hypolipidemic activities In: Sharma, S.K., Govil, J.N., Singh, V.K., eds. *Recent Progress in Medicinal Plants, Phytotherapeutics Vol. 10*, pp. 241-272, Studium Press LLC, Houston, Texas-77072, USA.

Conference/Seminar/Symposium/Workshop attended:

- Applications of Modern Analytical Techniques in Chemical and Biology Science, New Delhi (February 9, 2005)

Administrative/Advisory Engagements:

- Member, Board of Studies (Chemistry)

4. HINNA HAMID, M.Sc., Ph.D., Adhoc LECTURER

Class Teaching: M.Sc. Chemistry (Industrial Applications), M.Sc. (Environmental Botany), Counsellor Post Graduate Diploma in Chemoinformatics, ODL

Publications:

- Hamid, H., Abdullah, S.T., Ali, A. & Alam, M.S. (2004). Anti-inflammatory and Analgesic activity of *Uraria lagopoides*. *Pharmaceutical Biology*, **42(2)**:114-116.
- Abstracts of conference papers: Three

Conferences/Workshops/Seminars/Attended:

- National Conference on *Current trends in drug discovery research (CTDDR-2004)*, CDRI, Lucknow (March, 2004)
- Brain storming session on *Herbomineral Pharmaceutical products in Indian Systems of Medicine: Problems and Prospects* held at New Delhi (December 7-8, 2004)
- International Conference for *Unani medicine* held at New Delhi (January 10-12, 2005)
- Applications of Modern Analytical Techniques in *Chemical and Biology Sciences*, New Delhi (February 9, 2005)

Extra-Curricular Activities:

- Assistant Coordinator, Post Graduate course in Chemoinformatics, ODL

DEPARTMENT OF MEDICAL ELEMENTOLOGY AND TOXICOLOGY

Head: Prof. Mohammad Athar

At present the department is running a P.G. course in toxicology leading to M.Sc. degree in Toxicology. Recently, we have adopted Semester system for this course. Ph.D. degree in Toxicology is also being awarded in the different fields of toxicology. The department has close collaboration with some research organizations of the country Department of Science and Technology, Government of India has given grant under the FIST programme. Recently the department of Toxicology has been selected prime by U.G.C. under the Special Assistance Programme. The total sum of funds received under the various research projects is currently to the tune of Rs.180 lacs. The department is also running a P.G.



Prof. G Mehta, FRS, delivers NAAC Centenary lecture

Diploma in Bioinformatics under Distance Education Programme of Jamia Hamdard.

New infrastructure added in the department:

2 Computers, 1 Laptop, 1 LCD projector, and some bioinformatics related infrastructure like TV, CD/DVD PLAYER are added. Lab construction and a small departmental auditorium is in progress.

V.I.Ps' Visit to the Department:

- Mr. Saiyid Hamid, I.A.S. and Chancellor, Jamia Hamdard.
- Prof. Mohammad Abdullah, Sweden.

Seminars/Lectures Organized:

- INSA & UGC-sponsored "Indo-UK Seminar on Biomarkers of Ecotoxicology, Cancer, "Monitoring and Prevention" at Jamia Hamdard, New Delhi (August 29)

Ph.Ds. Awarded:

- 05 students was awarded Ph.D. degree during this period

Students' Performance:

- 03 students qualified NET examinations - 2004

MoUs/Collaboration:

The department has developed research collaboration with the following institutes during this year:

1. Industrial Toxicology Research Centre, Lucknow
2. Central Drug Research Institute, Lucknow

3. Sri Ram Institute of Industrial Research, New Delhi
4. Centre for DNA Finger Printing and Diagnostics, Hyderabad
5. National Physical Laboratory, Pusa, New Delhi.
6. Institute of Nuclear Medicine and Allied Sciences, Delhi.

TEACHERS' PROFILES

1. MOHAMMAD ATHAR, Ph.D., FNAsc., PROFESSOR

Class Teaching: M.Sc. (Toxicology)

Research Guidance: 04 Ph.Ds

Publications:

- Kaur, G., Alam, M.S., & Athar, M. (2004). Nimbidin suppresses functions of macrophages and neutrophils: relevance to its antiinflammatory mechanisms. *Phytother Res.* **18**: 419-24.
- Bhasin, G., Kauser, H. & Athar, M. (2004). Free radical generating agents lead to the rapid progression of benign skin tumors to carcinoma in iron-overloaded mice. *Arch Toxicol.* **78**: 283-289.
- Bhasin, G., Kauser, H. & Athar, M. (2004). Low iron diet retards 12- O-tetradecanoyl phorbol-13-acetate-mediated tumor promotion in murine skin. *Arch Toxicol.* **78**: 139-146.
- Vogt, A., Chuang, P.T., Herbert, J., Hwang, J., Lu, Y., Kopelovich, L., Athar, M., Bickers, D.R. & Epstein Jr., E.H. (2004). Immunoprevention of Basal Cell Carcinomas with Recombinant Hedgehog-interacting Protein. *J. Exp. Med.* **199**: 743-752.
- Vogt, A., Chuang, P.T., Herbert, J., Hwang, J., Lu, Y., Kopelovich, L., Athar, M., Bickers, D.R. & Epstein Jr., E.H. (2004). Topical Tazarotene Chemoprevention Reduces Basal Cell Carcinoma Number and Size in P₁₀^{Cre} Mice Exposed to Ultraviolet Radiation or Ionizing Radiation. *Cancer Res.* **64**: 4385-4389.
- Athar, M., Li, C., Tang, X., Chi, S., Hebert, J. Kim, A.L., Tying, S.K., Kopelovich, L., Epstein Jr., E.H., Bickers, D.R. & Xie, J. (2004). Inhibition of *Smoothed* Signaling Prevents Ultraviolet B-Induced Basal Cell Carcinomas Through Induction of Fas Expression and Apoptosis. *Cancer Res.* **64**: 7545-7552.
- Paul, A., Kim, A., Athar, M. & Gilmour, S. (2005). Elevated Polyamines Lead to the Selective Induction of Apoptosis and Inhibition of Tumorigenesis by the Green Tea Polyphenol (-)-Epigallocatechin-3-Gallate (EGCG). *Carcinogenesis* **26**: 119-124.

Research Project: One (funded by DBT)

Conference/Seminar/Symposium/Workshop attended:

- Indo-French Seminar on *Innovation and Relations between Research and Industry*, New Delhi (December 8, 2004)
- Indo-German Workshop on *Environment Toxicology* National Institute of Occupational Health, ICMR, Ahmedabad (January 5-7, 2005)
- *Challenges and Opportunities in Animal Science Education and Research* (CoASER 2005), Chaudhary Charan Singh University, Meerut (February 19-21, 2005)

Lectures Delivered:

- *Popular Science*, Interdisciplinary Biotechnology Unit, Aligarh Muslim University, Aligarh (February 8, 2005).

Academic Honours/Distinctions:

- Member, Editorial Board, *Toxicology and Applied Pharmacology*, Academic Press, USA
- Consulting Editor, *Journal of Clinical Investigation*, Rockefeller Press, USA
- Adhoc Member, Center for Scientific Review Special Emphasis Panel, National Institutes of Health (NIH), Bethesda, MD, USA
- Adhoc Member, Expert Committee to award research projects, Ohio Cancer Research Associates, Columbus, OH, USA.

2. EHSAN AHMAD KHAN, M.Sc., Ph.D., READER

Class Teaching: M.Sc. (Toxicology, Environmental Botany, Biochemistry, Biotechnology) M.D. (Unani)

Publications:

- Kumar, S., Narula, A., Khan, E.A. Abdin, M.Z., Sharma M.P. & Srivastava, P.S. (2004). Application of nitrogen, sulphur and neem cake improves biomass and yield of quercetin in a medicinal plant, *Pluchela lanceblat*. *Indian J. Physiol.* **9**: 260-268.

Conference/Seminar/Symposium/Workshop Attended:

- National Workshop on *Soft Computing, Machine Learning and Bioinformatics Applications*, Department of Computer Science, Jamia Millia Islamia, New Delhi (February 17-19, 2005)

Academic Honours/Distinctions:

- Member, Board of Research Studies, Faculty of Science
- Member, Board of Studies (Toxicology)
- Coordinator, P.G. Diploma in Bioinformatics under Distance Education Programme of Jamia Hamdard
- Member, Maintenance Committee

Extra-Curricular Activities:

- Life Member, Society of Toxicology

3. SARWAT SULTANA, M.Sc., Ph.D., READER

Class Teaching: M.Sc. (Toxicology)

Research Guidance: 05 full time & 01 part time Ph.Ds

Publications:

- Khan, N., Sharma, S. & Sultana, S. (2004). Attenuation of potassium bromate-induced nephrotoxicity by coumarin (1,2-benzopyrone) in wistar rats: chemoprevention against free radical-mediated renal oxidative stress and tumor promotion response. *Redox Report* **9**: 19-23.
- Sultana, S., Alam, A., Sharma, S. & Khan, N. (2004). 13-cis retinoic acid ameliorates benzoyl peroxide-induced oxidative stress and hyperproliferative response in murine skin: a chemopreventive study. *Cancer Detection and Prevention* **28**: 200-207.
- Sharma, S., Khan, N. & Sultana, S. (2004). Study on prevention of two-stage skin carcinogenesis by *Hibiscus rosa sinensis* extract and the role of its chemical constituent, gentisic acid, in the inhibition of tumor promotion response and oxidative stress in mice. *European Journal of Cancer Prevention* **13**: 53-63.
- Sultana, S. & Saleem, M. (2004). *Salix Caprea* Inhibits Skin Carcinogenesis In Murine Skin: Inhibition of Oxidative Stress, Ornithine Decarboxylase Activity And DNA Synthesis. *Journal of Ethnopharmacology* **91**: 267-276.
- Khan, S., Sharma, S. & Sultana, S. (2004). Amelioration of Ferric Nitritotriacetate (Fe-NTA) induced renal oxidative stress and tumor promotion response by Coumarin (1,2-benzopyrone) in Wistar rats. *Cancer Letters* **210**: 17-26.
- Sharma, S., Khan, N. & Sultana, S. (2004). Modulatory effect of Gentisic acid on the augmentation of biochemical events of tumor promotion stage by benzoyl peroxide and ultraviolet radiation in Swiss albino mice. *Toxicology Letters* **153**: 293-302.
- Sharma, S., Khan, N. & Sultana, S. (2004). Effect of *Onosma echioides* on DMBA/croton oil mediated carcinogenic response, hyperproliferation and oxidative damage in murine skin. *Life Sciences* **75**: 2391-2410.
- Sharma, S. & Sultana, S. (2004). Modulatory effect of soy isoflavones on biochemical alterations mediated by TPA in mouse skin model. *Food and Chemical Toxicology* **42**: 1669-1675.
- Sharma, S. & Sultana, S. (2004). Effect of *Hibiscus rosa sinensis* extract on hyperproliferation and oxidative

damage caused by benzoyl peroxide and UV radiations in mouse skin. *Basic and Clinical Pharmacology & Toxicology* **95**: 220-225.

- Sultana, S., Ahmed, S., Sharma, S. & Jahangir, T. (2004). *Emblca officinalis* reverses thioacetoamide induced oxidative stress and early promotional events of primary hepatocarcinogenesis. *Pharmacy and Pharmacology Communications* **56**: 1573-1579.

Research Projects: Two (funded by ISM, & I.C.M.R.)

4. FAKHRUL ISLAM, M.Sc., Ph.D., READER

Class Teaching: M.Sc. (Toxicology)

Research Guidance: 05 Ph.Ds

Publications:

- Ansari, M.A., Ahmad, A.S., Kaur, P., Ahmad, M., Salim, S., Yousif, S., Ishrat, T. & Islam, F. (2004). Selenium protects the neurodegeneration of middle cerebral artery occlusion in rat brain mitochondria. *Biol. Trace Element Research* **101**: 73-86.
- Sinha, C., Agarwal, A.K., Islam, F., Seth, K. Chaturvedi, R.K., Shukla, S. & Seth, P.K. (2004). Mosquito repellent (pyrethroid-based) induced dysfunction of blood brain barrier permeability in developing brain. *Int. J. Dev. Neuroscience* **222**: 31-37.
- Ahmad, A.S., Rahman, N. & Islam, F. (2004). Spectrophotometric determination of ampicillin, Amoxycillin and Carbencillen using follin-Ciocalteu phenol reagent. *J. Anal. Chem.* **59**: 119-123.
- Ansari, M.A., Ahmad, A.S., Kaur, P., Ahmad, M., Salim, S., Yousif, S., Ishrat, T. & Islam, F. (2004). Selenium protects the neurodegeneration of middle cerebral artery occlusion in rat brain mitochondria. *Biol. Trace Element Res.* **101**: 73-86.
- Ahmad, A.S., Zia, S., Sayeed, I., Ansari, M.A., Ahmad, M., Salim S., Yousuf, S. & Islam, F. (2005). Sodium selenite stimulates neurobehavior and neurochemical activities in rats. *Biol. Trace Element Res.:* 59-68.
- Ahmad, M., Salim, S., Ahmad, A.S., Yousuf, S., Ansari, M.A., Chaturvedi, R., Agarwal, A.K. & Islam, F. (2005). Ginkgo biloba affords dose-dependent protection against 6-OHDA induced Parkinsonism in rats: Neurobehavioral, Neurochemical and immunohistochemical evidences. *J Neurochem.* **93**:1-11.
- Ahmad, M., Salim, S., Ahmad, A.S., Yousuf, S., Ansari, M.A., Chaturvedi, R., Agarwal, A.K. & Islam, F. (2005). Neuroprotective effects of Withania somnifera on 6-hydroxydopamine induced Parkinsonism in rats. *Human Exp. Toxicol.* **24**: 1-11.

Research Projects: Two [funded by AYUSH)

Conference/Seminar/Symposium/Workshop Attended:

- First International Conference of *Unani Medicine*, organized by CCRUM, New Delhi (January 8-11, 2005)

5. S. RAISUDDIN, M.Sc., Ph.D., READER

Class Teaching: M.Sc. (Toxicology)

Research Guidance: 05 Ph.Ds

Publication:

- Atif, F., Parvez, S., Pandey, M., Ali, M., Kaur, M., Rehman, H., Khan, H.A. & Raisuddin S. (2005). Modulatory effect of cadmium exposure on deltamethrin-induced oxidative stress in *Channa punctata* Bloch. *Arch. Environ. Contam. Toxicol.* **48**: 1-8.

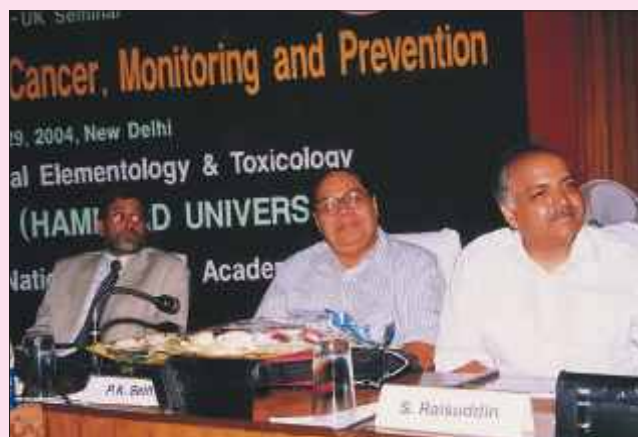
Research Projects: 03 (funded by ICAR, Ministry of Environment and Forests and UGC)

Conference/Seminar/Symposium/Workshop Attended:

- Indo-UK Workshop on *Applications of Biomarkers to Protect Human & Environmental Health* at Banaras Hindu University (BHU), Varanasi and delivered an invited seminar lecture on "*Biomarkers of Oxidative Stress and their Application in Aquatic Ecotoxicology*" (September 1-5, 2004)

Lectures Delivered:

- *Immunomodulation by herbal medicinal plants* at Neurologische Universitätsklinik, Otto-Van-Guericke-Universität Magdeburg, Magdeburg, Germany (December 3, 2004)
- Research Centre for Environmental Chemistry & Ecotoxicology (RECETOX), Masaryk University, Brno, Czech Republic during November 2004 - February 2005 under INSA-ASCR Exchange Programme. During this visit the following lectures were delivered:
 - (a) Short-term and In vitro Mutagenicity Tests at RECETOX, Masaryk University, Brno



Mr. Siraj Hussain, former VC and Dr. S. Raisuddin with Dr. PK Seth, former Director, ITRC

- (b) Oxidative Stress Biomarkers of Fish and their Application in Pollution Monitoring at RECETOX, Masaryk University, Brno
- (c) Oxidative Stress Biomarkers of Pesticides in Fish (Department of Chemistry and Biochemistry, Palacky University, Olomouc
- (f) Oxidative Stress Biomarkers and their use in Yamuna River Biomonitoring (Institute of Chemical Technology, Prague.

- *Preventive effects of herbal extracts on cyclophosphamide-induced toxicity*, International Symposium on Diet in Causation & Prevention of Cancer and XXX Annual Conference of Environmental Mutagen Society of India held at ITRC, Lucknow (March 17-19, 2005).

Academic/Advisory Engagements:

- Member, Admission Committee
- Incharge, Web Cell
- Incharge, Central Instrumentation Facility (CIF), Faculty of Science

Academic Honours/Distinctions:

- **Referee of the following Journals:**
- American Journal of Physiology- USA, Aquatic Toxicology- USA, Archives of Environmental Contamination & Toxicology- USA, Ecotoxicology and Environmental Safety- USA, Environment International-UK, European Journal of Histochemistry- Italy, Indian Journal of Experimental Biology- India, Journal of Fish Biology- UK.
- Member, Editorial Board, *Journal of Oriental Journal of Pharmacy & Experimental Medicine* (South Korea)

6. SAJID HUSAIN, M.Sc., Ph.D., READER

Class Teaching: M.Sc. (Toxicology)

7. M. SAEED SIDDIQUI, M.Sc. Ph.D., LECTURER (Selection Grade)

Class Teaching: M.Sc. (Toxicology)

Research Guidance: 01 Ph.D.

8. HAIDER A. KHAN, M.Sc., Ph.D., SENIOR LECTURER

Class Teaching: On EOL

Research Guidance: 03 Ph.Ds

Directorate of Open & Distance Learning

In pursuance of the decision of the Executive Council, in November 2003, Directorate of Open and Distance Learning has been established to promote education through open and distance learning systems, which adopt flexible and innovative methods of education to ensure 'independent learning' to anyone, anytime and anywhere. In the first year of the launch of programme i.e., 2004-05, there was overwhelming response from the students who joined various courses.

The programmes of the study are customized to meet the learning requirements of knowledge seekers as well as to ensure that they learn at their own pace and convenience. Within the financial means of University, due care has been taken to keep the cost of education low so that educationally backward sections of the society can take advantage of various programmes. Towards this end in view, the Directorate has made concerted efforts to: (a) offer professional and job oriented courses which meet the requirements of the world of work, and (b) provide educational opportunity at the doorsteps of learners through the extensive network of educational institutes as our study centres.

The experience and expertise of reputed colleges and universities and other educational institutions, which are recognized Study Centres of the University, are duly utilized for delivery of programmes and for effective learning. From the very beginning of the process of planning and execution of programmes, the best practices in open and distance learning for quality assurance are followed, which is why the programmes of Jamia Hamdard are very popular among the enlightened community of students.

The following initiatives have been taken by the Directorate:

- Credible educational institutions are identified and selected as the Study Centres of the University for the delivery of various courses on the basis of the recommendations of the Visiting Committees constituted by the Vice Chancellor. As many as 60 reputed educational institutions have been recognized as the Study Centres of the University in the first year. These institutes are located in different parts of the country. The major states that have been covered are Andhra Pradesh, Bihar, Jharkhand, Delhi, Gujarat, Jammu & Kashmir, Kerala, Uttar Pradesh and Maharashtra. While selecting a Study Centre, due emphasis is given on quality and experience in providing education by the institutions. The establishment of these Centres has considerably

Director



Prof. M.M. Ansari

improved the access to quality programmes offered by the University. Efforts are being made to cover all the major regions to enable the learners everywhere to benefit from the University programmes.

- 633 students were admitted to various programmes. All the necessary students support services were provided at the recognized Study centres, which successfully delivered the programmes.
- The degree, diploma and certificate programmes have been carefully planned and developed. A major



Prof. M.M. Ansari speaks in a career counseling session

Name of the Programme/Course	Duration	Eligibility
Bachelor of Computer Application (BCA)	3 years	10+2 with Maths
Bachelor of Science (Information Tech.)	3 years	10+2 with Science and Maths.
Bachelor of Business Administration (BBA)	3 years	10+2 in any subject
PG Diploma in Bio-Informatics (PGDB)	1 year	B.Sc. in Biology or Maths
PG Diploma in Chemo Informatics (PGDC)	1 year	B.Sc. in Biology, Chemistry or Maths
PG Diploma in Dietetics & Therapeutics Nutrition (PGDDTN)	1 year	B.Sc in Home Science or Biology
Diploma in Communicative English (DCE)	1 year	10+2 (in any stream)

criterion, on the basis of which the programmes are identified, is the 'core competencies' of various faculties of the University.

- Courseware of high standard was developed and produced for all the programmes.
- A team comprising Mr. Siraj Hussain, the then Vice Chancellor, Prof. S.H. Ansari, Chairman, Admission Committee and Prof. M.M. Ansari, Director, ODL visited major cities in Western U.P. viz., Moradabad, Rampur, Bareilly, Kanpur, Lucknow, Faizabad and Shahjahanpur during November, 2004 and organized career counselling session to sensitise and create awareness among the students/ teachers and parents about the various career options available to different streams of students at 10+2 level.
- A brainstorming session on '**Quality issues in Open and Distance learning**' was organized on August 25, 2004. They discussed the issues related to Distance Education and how Open and Distance Learning is emerging as one of the promising area in education sector.
- In addition to the Programme Coordinators from various departments, the following staff is associated with the activities of the Directorate of Open and Distance

Learning:

- Prof. M.M Ansari, Director
- Ms. Syeedun Nisa, Lecturer
- Mr. Mohd. Aqil, Asst. Registrar
- Mr. Saba Ashraf, Section Officer
- Mr. Mehboob Ali Khan, Sr. Assistant
- Ms. Shagufta Bano, Jr. Assistant
- Mr. Yassir Jamal, Jr. Assistant
- Mr. Sheikh Mohieddeen, Stenographer

1. M.M Ansari, Ph.D., Professor

Major Responsibilities: Planning and management of open and distance learning programmes.

Academic Activities:

- Worked as Convener, Brainstorming Session on 'Quality Issues in Open and Distance Learning' at convention centre, Jamia Hamdard. August, 25, 2004.
- Worked as Chairman, Career Guidance and Counseling Committee
- Participated in the Conference on 'Open and Distance Learning and Development' organized by Commonwealth of Learning, Canada, July 2-7, 2004, New Zealand.
- Delivered Valedictory Address on 'Development of Entrepreneurship: Educational Strategy for Muslims' Aligarh Muslim University, Aligarh. March 3, 2005.
- Presented a paper on 'Education and Training among Muslims: Opportunity for Learning through Distance Mode' organized by a Muslim Intellectual Group, New Delhi.

2. Syeedun Nisa, Lecturer (Management Studies)

Publications:

- Nisa, S. (2005): 'Retention of Personnel: A Case Study' in Book "*Management Cases*", Punjab Council for Technical Education, Ludhiana.
- Nisa, S. (2005): 'Rethinking Leadership: New direction in the learning and skill sector' in e-journal "*IO: Empirical Studies of Firms & Markets WPS*", www.ssrn.com



Sponsored Research Projects

The faculty members of Jamia Hamdard are very active in research and the infrastructural facilities available in the labs are constantly being upgraded. The following research projects of Rs. 7.10 crores are currently in progress.

FACULTY OF MEDICINE (UNANI)		
Department of Ilmul Advia	M.A. Jafri, <i>Professor</i>	Clinical studies of certain unani compound drugs in hepatitis ISM&H, Three years, Rs. 17 Lakh
		Critical edition of ihtiarat-e-qaqsmi and its Urdu translation ISM & H, Three Years, Rs. 3 Lakh
Department of Moalijat	Shakir Jamil, <i>Professor</i>	Evaluation of a Unani formulation in the improvement of cognitive functions in the neuro-developmental disabilities. ISM & H, Three years, Rs. 22 Lakh
	M. Akhtar Siddiqui, <i>Reader</i>	Clinical studies of certain Unani compound drugs in hepatitis ISM & H, Three years, Rs. 17 Lakh
Department of Tashreeh Wa Munafeul Aza	S. Mehtab Ali, <i>Reader</i>	A study in relation of blood groups and four temperaments AYUSH, Three years, Rs. 21.35 Lakh
Department of Hifzan-E-Sehat & Ilmul Samoom	M. Akram, <i>Lecturer</i>	Social mobilization of underserved population of Ghaziabad and Buland Shahar for polio eradication UNICEF, One year, Rs. 15 Lakh
FACULTY OF PHARMACY		
Department of Pharmaceutics	R.K. Khar, <i>Professor</i>	Development of modified release dosage forms Panacea Biotech, Three years. Rs. 3 Lakh
		Evaluation and standardization of Unani medicines for the treatment of vaginal and reproductive tract infections ISM & H, Three years, Rs. 14 Lakh
		Development and evaluation of bioadhesive vaginal drug deliver system. UGC, Three years, Rs. 5 Lakh
		Proniosome based vesicular systems of some drugs for improved stability and controlled delivery AICTE, Three years, Rs. 6 Lakh

	Asgar Ali, <i>Reader</i>	Development and evaluation of targeted/controlled drug delivery systems for the treatment of rheumatoid arthritis AICTE, Three years, Rs. 8 Lakh
	Alka Ahuja, <i>Reader</i>	Fabrication and characterisation of transmucosal buccal dosage form for some anti-hypertensive agents UGC, Three years, Rs. 6.75 Lakh
		Development and evaluation of novel drug delivery system as anti-acne formulations AICTE, Three years, Rs. 13.5 Lakh
		Formulation and development of biodegradable targeted retentive device for periodontal infections AICTE, Three years, 3 Lakh
	Sanjula Baboota, <i>Lecturer</i>	Formulation and characterization of complexes of some NSAIDs drugs with cyclodextrins UGC, Three years, Rs. 3.7 Lakh
		Formulation and characterization of transdermal dosage forms for some anti-rheumatic drugs belonging to Cox-2 inhibitors UGC, Three years, Rs. 12 Lakh
	Javed Ali, <i>Lecturer</i>	Development and evaluation of a novel gastroretentive system for some drugs UGC, Three years, Rs. 6.8 Lakh
		Fabrication and characterization of novel gastroretentive system for poorly bioavailable drugs DST, Three years, Rs. 10 Lakh
		Floating gastroretentive system for drugs AICTE, Three years, Rs. 10 Lakh
	Sushama Talegaonkar, <i>Lecturer</i>	Liquid membrane based improved delivery of some therapeutic agents AICTE, Three years, Rs. 6 Lakh
Department of Pharmacology	K.K. Pillai, <i>Professor</i>	Selective H3 receptor ligands, brain histamine and intrasynaptosomal calcium as novel tools to study neuropsychiatric disorders UGC; Three years, Rs. 7.5 Lakh
	Uma Bhandati, <i>Lecturer</i>	Pharmacological investigations of Embelia ribes for cardioprotective and antioxidant activities in models of oxidative stress in diabetic rats UGC, Three years, Rs. 8 Lakh

	Divya Vohora, <i>Sr. Lecturer</i>	Sodium hydrogen exchange inhibitors and selective histamine H3 receptor modulators as novel targets for developing drugs against cerebral ischaemia DST-Fast Track Young Scientist, Three years, 5 Lakh
Department of Pharmacognosy & Phytochemistry	Mohammad Ali, <i>Professor</i>	Standardization of processes for anti-diabetic herbal formulations used in Unani system of medicine DBT, Three years, Rs. 16.39 Lakh
	Shahid Ansari, <i>Professor</i>	Standardization and preliminary pharmacological studies on plant adaptogens used in Indian system of medicine ISM&H, Three years, Rs. 24 Lakh
		Pharmacognostical and pharmacological studies on some important traditional anti-diabetic plant drugs UGC, Three years, Rs. 6 Lakh
Department of Pharmaceutical Chemistry	Naseem Siddiqui, <i>Reader</i>	Synthesis and biological activities of novel heterocyclics UGC; Three years, Rs. 3 Lakh
	A.A. Siddiqui, <i>Reader</i>	Phytochemical and pharmacological studies in naturally occurring hypotensive drugs UGC, Three years, Rs. 7 Lakh
	Mohd. Amir, <i>Reader</i>	Synthesis and pharmacological investigations of some novel alkanolic acid derivatives: a search for anti-inflammatory drugs UGC, Three years, Rs. 4 Lakh
	Sushma Drabu, <i>Lecturer (Selection Grade)</i>	Search for anti-inflammatory drugs from Indian medicinal plants UGC, Three years, Rs. 6 Lakh
	Asif Husain, <i>Lecturer</i>	Studies on 2-Arylidene-4-(substituted aryl)but-3-en-4-olides and their pyrrolone analogues: Synthesis and evaluation of antibacterial and antifungal activity AICTE, Three years, 6 Lakh
	M. Shahar Yar, <i>Lecturer</i>	Synthesis and evaluation of anti-tubercular and diuretic activity of 1,3,5 substituted pyrazolines UGC, Three years, Rs. 12 Lakh
FACULTY OF SCIENCE		
Department of Biochemistry	Shakir Ali, <i>Reader</i>	Development of mustard oil based blends CSIR, Three years, Rs. 21 Lakh

	Saleem Javed, <i>Reader</i>	Isolation and characterization of soil bacteria antagonistic to pathogenic fungi DST, Three years, Rs. 12 Lakh
Department of Medical Elementology & Toxicology	M. Athar, <i>Professor</i>	Identification of plant derived inhibitors of farnesyl transferase (Ftase) DBT, Two years, rs. 16.5 Lakh
	Fakhrul Islam, <i>Reader</i>	Role of certain Unani medicines in the prevention of Alzheimer's disease ISM & H, Three years, Rs. 17.5 Lakh
		Studies on homeopathic medicines for the treatment of Parkinson's disease ISM & H, Three years, Rs. 24 lakh
	S. Raisuddin, <i>Reader</i>	Ecotoxicological investigation of coal fly ash and its toxic constituents MOE, Three years, Rs. 27.41 Lakh
		Studies on induction of metallothioneins in freshwater fish with special reference to their role in detoxification of aquatic pollutants ICAR, Three years, Rs. 17.5 Lakh
		Study of role of oxidative stress in ecogenotoxicology of pyrethroid insecticides in fish UGC, Three years, Rs. 6 Lakh
	Sarwat Sultana, <i>Reader</i>	Herbal constituents as metabolic interceptors of chemical carcinogenesis ICMR, Three years, Rs. 17 Lakh
		Evaluation of anti-proliferative activity of Unani drugs in cancer chemoprevention: A mechanistic approach ISM&H, Three years, Rs. 20 Lakh
Department of Biotechnology	S.K. Jain, <i>Professor</i>	Evaluation of herbs and minerals used in Unani medicines for the management of typhoid and molecular mechanisms of their action CCRUM, Three years, Rs. 18 Lakh
		Protection of experimental salmonellosis by non-porin OMPs of Salmonellae: Immunological evaluation and potential for development of a candidate vaccine against typhoid DST, Three years, Rs. 20 Lakh
	P.S. Srivastava, <i>Professor</i>	Studies on effect of mycorrhization and abiotic stress on secondary metabolite yield in Silybum DBT, Three years, Rs. 12 Lakh

		Replenishment of cadmium affected soil by the use of recovery salts and improvement of Sesame (<i>Sesamum indicum</i> L.), an oil crop DST, Three years, Rs. 12 Lakh
	M.Z. Abdin, <i>Reader</i>	Role of microbial consortium and N, P, K & S on control of fusarial wilt of <i>Cajanus cajan</i> L. and <i>Cicer arietinum</i> with emphasis on protein quality and yield CSIR-TMO&P, Three years, Rs. 15 Lakh
	Sandip Das, <i>Lecturer</i>	Assessment of genetic diversity of two medicinal plants <i>Terminalia</i> and <i>Tribulus</i> through AFLP DBT, Three years, Rs. 30 Lakh
	Deepshikha Pande, <i>Lecturer</i>	Transformation of <i>Psoralea corylifolia</i> an endangered medicinal plant by adc and odc genes DST, Three years, Rs. 15 Lakh
Department of Botany	Javed Ahmad, <i>Reader</i>	Cultivation of medicinal plants (ex-situ) and their conservation through development of seed banks on medicinal flora of Delhi & Haryana ISM & H, Three years, Rs. 6 Lakh
	Altaf Ahmad, <i>Lecturer</i>	Studies of metabolic coupling between nitrogen and sulphur assimilation at whole plant level: Physiological and molecular approach CSIR, Three years, Rs. 8 Lakh
		Cloning and expression of high affinity of sulphate transporter system in mustard DST, Three years, Rs. 12 Lakh
		Comparative studies on regulation of nitrogen and sulphur assimilation in rapeseed, wheat and groundnut INSA, Three years, Rs. 3 Lakh

Other Projects:

- The Department Medical Elementology & Toxicology received 25 Lakh from UGC under Special Assistance Grants over a period of 5 years.
- Department of Pharmaceutics and the Department of Pharmacology received Rs. 16 Lakh and Rs. 15 Lakh, respectively under the FIST programme of DST for upgradation of research labs.
- Prof. R.K. Khar and Dr. Farhan Jalees Ahmad of the Department of Pharmaceutics received Rs. 10 Lakh each from AICTE for upgradation of research labs.
- Several minor projects funded from the UGC's unassigned grant were also conducted in different departments.

FINANCIAL STATUS

The university maintains separate accounts for the regular courses and the self-financing courses, and also for the plan and Non-Plan sectors.

REGULAR COURSES

The expenditure on salaries has more than doubled during the last 5 years, primarily owing to implementation of recommendations of the V pay commission and the sanction of half-yearly increases in Dearness Allowance and merger of DA as Dearness Pay. Increase of one point in the Dearness Allowance by the Government increases the expenditure of the university by Rs.9 lakhs per annum. Further, the university was obliged to follow the UGC directions to extend benefits to teachers under the UGC Career Advancement Scheme

and to non-teaching employees under the UGC Assured Career Progression Scheme. On the other hand, the grant from the UGC continues to be static at a figure of Rs.400 lakhs per annum. The surplus generated by self-financing courses was used to bridge the deficit in the non-plan courses but it is strongly felt that the UGC's support will be vital for smooth running of the university in future. The revision of pattern of financial assistance is due and under consideration of UGC for the financial year 2005-2006 onwards. It is also felt that market-driven fee should not be charged for courses like Islamic Studies, Nursing, Unani Medicine and Biological Sciences etc. for which the university attracts a large number of students from the economically weaker sections of the society.

Annual budget at a glance

(Rupees in lakhs)

INCOME	Actuals (2003-04)	Revised Estimates (2004-05)	Budget Estimates (2005-06)
Opening Balance	(-)68.36	(-)69.44	(-)16.16
University Receipts	894.27	1028.50	1086.90
Grant-in-aid from UGC (Fixed Grant)	400.00	400.00	1649.00
Grant-in-aid from Govt. of NCT of Delhi for			
• Faculty of Medicine (Unani)	7.75	10.00	10.00
• Family Welfare Centre	6.40	9.00	9.00
Contribution from Self-Financing Courses	40.00	200.00	-
Grant-in-aid from HNF/ Hamdard (Wakf) Labs.	432.10	532.10	532.10
TOTAL	1712.16	2110.16	3270.84
EXPENDITURE			
Salaries	1040.76	1209.04	1348.06
Other Charges	676.59	853.03	855.48
Reserve Funds	64.25	64.25	529.25
Repayment of SFS Loan	-	-	555.00
TOTAL (B)	1781.60	2126.32	3287.79
Closing Balance	(-)69.44	(-)16.16	(-)16.95

X FIVE YEAR PLAN

The UGC sanctioned an amount of Rs.633.00 lakh as the Development Grant during X Five Year Plan, which has an increase of about 38.01% over the IX Plan grants.

A. Department-wise allocation

(Rupees in lakhs)

Department	X Plan Allocation					
	Staff Salaries	Buildings	Equipments	Books & Journals	Other	Total
Islamic Studies	--	--	1.00	2.00	-	3.00
History of Medicine & Science	--	--	--	2.00	-	2.00
Rehabilitation Sciences	--	--	40.00	5.00	-	45.00
Nursing	--	--	5.00	10.00	--	15.00
Pharmaceutics	10.00 (1 Lecturer)	80.00*	15.00	-	--	105.00
Pharmacology	10.00 (1 Lecturer)	--	15.00	10.00	--	35.00
Botany	10.00 (1 Lecturer)	--	--	--	--	10.00
Total	30.00	80.00	76.00	29.00	--	215.00

* Common to the Faculty of Pharmacy

B. Central Facilities

(Rupees in lakhs)

Department	X Plan Allocation					
	Staff Salaries	Buildings	Equipments	Books & Journals	Others	Total
CIF (Science)	--	--	120.00	--	--	120.00
CIF (Pharmacy)	--	--	100.00	--	--	100.00
Library (Science)	--	--	--	30.00	-	30.00
Total	--	--	220.00	30.00	--	250.00

C. Others, if any

Campus development	Rs. 20.00 lakhs
Boys' Hostel	Rs. 148.00 lakhs
Total	Rs. 168.00 lakhs

Total Allocation (A+B+C) = Rs. 633.00 lakhs

OTHER X PLAN SCHEMES

Besides the scheme for General Development of universities and colleges, the UGC has announced various schemes under X Plan, Jamia Hamdard has

submitted proposals under Special Assistance Programme (SAP), Instrumentation Maintenance Facility (IMF), Infrastructure for Women Students, Teachers and Non-teaching Staff (IWSTN) and Promotion of Indian Higher Education Abroad (PIHEAD) schemes

STUDY ON ANALYSIS OF FINANCIAL POSITION OF JAMIA HAMDARD

Management Development Institute, Gurgaon was assigned the study of analysis of financial position of Jamia Hamdard at a fee of Rs. 4.5 Lakh. The study team from MDI Gurgaon is in the process of submitting the report.

HAMDARD STUDY CIRCLE

During the last few decades, the number of socially and economically backward candidates qualifying in the UPSC Civil Services Examinations has been very small. The percentage of Muslims being especially low (1.5-3.5%). While in the case of Scheduled Caste and Scheduled Tribe candidates, a reservation of 15% and 7.5% respectively is available, there is no such provision for backward minorities. Very few Muslims could avail of the OBC category and thus have to compete in the general category. Realising this difficult situation, the UGC and other Government agencies made attempts to arrange coaching for the socially and economically backward candidates, but without much success.

Hakeem Abdul Hameed, the founder of Jamia Hamdard, was deeply concerned about this situation. With a view to providing free coaching and guidance to the above category of candidates, he founded the Hamdard Study Circle (HSC) with the assistance of Mr. Saiyid Hamid in the year 1992 at the 13 acre sprawling Talimabad Campus of Hamdard Education Society. Prof. Usman M. Adhami of the Aligarh Muslim University was the first Director of HSC. **Prof. S. Aftab A. Zaidi** is the present Director.

HSC has a modern hostel comprising 68 single seated rooms for boys and a suite of rooms to accommodate nine girls, a modern kitchen, a dining hall, a recreation room, an office complex and a spacious library, with a seating capacity of 60, stocked with the latest books, notes and relevant reading materials. Besides, it has two lecture halls, a board room and a few rooms for academic associates.



Prof. S.A.A. Zaidi

The HSC provides coaching for all the three stages of the Civil Services Examination, viz, Preliminary, Main and Personality Test. Admission to Preliminary Examination coaching is through an All India Entrance Test held on the 3rd Sunday of November each year at New Delhi, Patna, Chennai, Cochin and Thiruvananthapuram. While regular lectures by floating faculty are arranged for the candidates, emphasis is laid at self-study. Regular tests, on the pattern of UPSC, are conducted throughout the coaching term to make students identify their weakness and improve upon their performance. This year eight students have been selected in Civil Services.

MEMBERS OF GOVERNING BODIES

THE SOCIETY

- | | | | | | |
|----|--|-----|---|-----|---|
| 1. | Janab Saiyid Hamid
Chancellor
Jamia Hamdard | 10. | Dr. Mohd. Khalid Siddiqui
Director
Central Council for Research
in Unani Medicine
61-65, Institutional Area
Janakpuri, New Delhi 110058 | 18. | Dr. G. N. Qazi
Director
Regional Research Laboratories
Canal Road
Jammu Tawi 180 001 |
| 2. | Prof. M. Iqbal
Vice-Chancellor
Jamia Hamdard | 11. | Prof. Syed Iqbal Hasnain
Vice-Chancellor
Calicut University
Calicut 673635 | 19. | Dr. Asad Mueed
Mutawalli
Hamdard Wakf Laboratories
Hamdard Building
2A/3, Asaf Ali Road
New Delhi 110002 |
| 3. | Mr Siraj Hussain, IAS
Ex-Vice-Chancellor
Principal Secretary,
Department of Language
Govt. of UP., Lucknow | 12. | Dr. S. P. Aggarwal
Principal Secretary
Department of Health &
Family Welfare
Govt. of NCT Delhi,
Delhi Secretariat
9th Floor 'A' Wing, I.P. Estate
New Delhi-110002 | 20. | Maulana Md. Rabey Hasan Nadwi
Rector, Nadwatul Ulema
Lucknow 226002 |
| 4. | Dr. Akhtar Husain
Ex-Vice-Chancellor
C-2241, Indira Nagar
Lucknow - 226 016 | 13. | Dr. Aziz Ahmad
Pocket A, 351
Sarita Vihar
New Delhi - 110 044 | 21. | Dr. C. N. Kaul
Director
National Institute of
Pharmaceutical
Education and Research
Sector 67, Phase 10
FAS Nagar, Mohali 160062 |
| 5. | Prof. Mohd. Amin
Ex-Vice Chancellor
D-25, Oxford Apartment
Patpar Ganj
New Delhi - 110 092 | 14. | Qazi Irshad Husain Sahib
Hamdard National Foundation
Hamdard Building
2A/3, Asaf Ali Road
New Delhi - 110 002 | 22. | Prof. Anis A. Ansari
Advisor (Unani)
Government of India
Ministry of Health and
Family Welfare
Department of AYUSH
Red Cross Building
New Delhi 110 001 |
| 6. | Prof. Alauddin Ahmad
Ex-Vice-Chancellor
30/A, Indirapuri Colony
P.O. Veterinary College
Patna 800 014. (Bihar) | 15. | Mr. Hammad Ahmad
Sr. Mutawalli
Hamdard (Wakf) Labs.
Hamdard Building
2A/3, Asaf Ali Road
New Delhi 110002. | 23. | Prof. Roop Rekha Verma
Hon. Director
Institute of Women's Studies
Lucknow University
Lucknow 226007 |
| 7. | Mr. Naseem Ahmad
Vice-Chancellor
Aligarh Muslim University
Aligarh - 202 002 | 16. | Mr. Hamid Ahmad
Mutawalli
Hamdard Wakf Laboratories
Hamdard Building
2A/3, Asaf Ali Road
New Delhi 110002. | 24. | Justice S. Saghir Ahmad
Chairperson
Rajasthan Human Rights
Commission
Room No. 11102, S. S. Building
Jaipur (Rajasthan) |
| 8. | Prof. Mushirul Hasan
Vice-Chancellor
Jamia Millia Islamia
Jamia Nagar
New Delhi - 110 025 | 17. | Mr. Abdul Majeed Sani
Mutawalli
Hamdard (Wakf) Labs.
2A/3, Asaf Ali Raod
New Delhi - 110 002 | 25. | Mr. Moosa Raza
(Former Secretary
Govt. of India)
C-134, Sector 26
Gautam Budh Nagar, NOIDA |
| 9. | Mr. R. D. Sahay
Deputy Secretary
Department of Secondary &
Higher Education
Ministry of HRD,
Shastri Bhawan
New Delhi - 110 001 | | | | |

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|--|---|--|
| <p>26. Mr. K. M. Arifuddin
Secretary
Madina Education Society
Nampalli
Opp. Public Garden
Hyderabad.</p> <p>27. Dr. Abid Raza Bedar
Katra
Rampur 244901. (UP).</p> <p>28. Hakeem Iqbal Ahmed
Director
Hamdam Dawakhana
Lal Kuan
Delhi 110 006</p> <p>29. Prof. M. Iqbal
Dean
Faculty of Science
Jamia Hamdard</p> <p>30. Prof. Mohd. Ali
Dean
Faculty of Pharmacy
Jamia Hamdard</p> | <p>31. Prof. M. A. Jafri
Dean
Faculty of Medicine
Jamia Hamdard</p> <p>32. Prof. Akhtar Majeed,
Dean
Faculty of Islamic Studies
& Social Science
Jamia Hamdard</p> <p>33. Prof. Shakti Kak
Dean
Faculty of Management
Studies & Information
Technology
Jamia Hamdard</p> <p>34. Prof. Mohd. Farooque
Dean
Faculty of Allied Health
Sciences
Jamia Hamdard</p> | <p>35. Mrs. Bandana Bhattacharya
Working Dean
Faculty of Nursing
Jamia Hamdard</p> <p>36. Mr. S. M. H. Zahidi
Law Officer
Jamia Hamdard</p> <p>37. Mrs. Vinita Jacob
Deputy Nursing
Superintendent
Majeedia Hospital
Jamia Hamdard</p> <p>38. Mrs. Tarvinder Khurana,
Personal Assistant
Centre for Federal Studies
Jamia Hamdard</p> <p>39. Dr. S.H. Hasan
Registrar
Jamia Hamdard</p> |
|--|---|--|

THE EXECUTIVE COUNCIL

- | | | |
|---|---|--|
| <p>1. Prof. M. Iqbal
Vice-Chancellor
Jamia Hamdard</p> <p>2. Mr. Naseem Ahmad
Vice-Chancellor
Aligarh Muslim University
Aligarh 202 002</p> <p>3. Dr. S. Venkateswaran
Vice Chancellor
Birla Institute of Technology
and Science
Vidya Vihar
Pilani 333031</p> <p>4. Prof. Rajendra B. Lal
Vice-Chancellor
Allahabad Agricultural
Deemed University
Allahabad-211007</p> <p>5. Prof. Mohd. Amin
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Senior Mutawalli
Hamdard (Wakf) Laboratories
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Lucknow 226 003</p> <p>8. Prof. M. A. Jafri
Dean
Faculty of Medicine (U)
Jamia Hamdard</p> <p>9. Prof. Mohd. Ali
Dean
Faculty of Pharmacy
Jamia Hamdard</p> <p>10. Prof. Mohd. Farooque
Dean
Faculty of Allied Health
Sciences
Jamia Hamdard</p> <p>11. Mrs. S. B. Sharan
Dy. Secretary, ISM & H
Deptt. of Indian System of
Medicine & Homeopath
Ministry of Health and
Family Welfare
IRC, Annexe Building
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Head
Centre for Federal Studies
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Mutawalli,
Hamdard Wakf Labs.
2-A/3, Asaf Ali Road,
New Delhi 110002</p> <p>14. Mr. Abdul Majeed Sani
Mutawalli
Hamdard Wakf Laboratories
2/A-3, Asaf Ali Road
New Delhi 110 002</p> <p>15. Hkm. Abdul Jabbar
Head
Department of Kulliyat
Faculty of Medicine (U)
Jamia Hamdard</p> <p>16. Dr. S.H. Hasan, IRS
Registrar
Jamia Hamdard</p> |
|---|---|--|

THE ACADEMIC COUNCIL

1. **Prof. M. Iqbal**
Vice-Chancellor
Jamia Hamdard
2. **Prof. (Dr.) Anis Ismail**
Chairman
Department of Jarahiyat
A. K. Tibbiya College
Aligarh Muslim University
Aligarh – 202 002
3. **Dr. Shahid Jamil**
Scientist
International Center for Genetic
Engineering & Biotechnology
Aruna Asaf Ali Marg
New Delhi
4. **Prof. R. K. Singh**
Vice-Chancellor
M. P. Bhoj Open University
Bhopal (MP)
5. **Dr. J. S. Khan**
Advisor, CSIR
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6. **Prof. (Mrs.) Imrana Qadeer**
Center for Social Medicine &
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7. **Mr. Zafarul Islam Khan**
Editor, "The Milli Gazette"
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8. **Dr. A. K. Pasha**
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New Delhi – 110067
9. **Prof. Usha Reddy**
Director
Common Wealth
Educational Media
Centre for Asia
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New Delhi – 110062.
10. **Prof. S. Aftab A. Zaidi**
Director
Hamdard Study Circle
Talimabad
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11. **Prof. Iftikhar Ahmad**
Director
Mass Communication
Research Centre
Jamia Millia Islamia
New Delhi – 110025.
12. **Prof. Pritam Singh**
Director
Management Development
Institute
Post Box No. 60, Mehrauli Road
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ABBREVIATIONS USED

AICTE	=	All India Council for Technical Education	IHPA	=	Indian Hospital Pharmacists Association
AIIMS	=	All India Institute of Medical Sciences	IIT	=	Indian Institute of Technology
AIMS	=	All India Medicos Society	INSA	=	Indian National Science Academy
AMU	=	Aligarh Muslim University	IRMAS	=	Institute of Rehabilitation Medicine and Allied Sciences
APTI	=	Association of Pharmaceutical Teachers	ISM&H	=	Indian Systems of Medicine & Homeopathy
CCIM	=	Central Council for Indian Medicine	ISTE	=	Indian Society for Technical Education
CCRUM	=	Central Council for Research in Unani Medicine	ITRC	=	Industrial Toxicology Research Centre
CDFD	=	Centre for DNA Fingerprinting and Diagnostics	IVRI	=	Indian Veterinary Research Institute
CDRI	=	Central Drug Research Institute	JNU	=	Jawaharlal Nehru University
CME	=	Continued Medical Education	LAN	=	Local Area Network
CSIR	=	Council of Scientific and Industrial Research	MDI	=	Management Development Institute
DBT	=	Department of Biotechnology	NAAC	=	National Assessment and Accreditation Council
DOE	=	Department of Environment	NAAS	=	National Academy of Agricultural Sciences
DST	=	Department of Science and Technology	NCC	=	National Cadet Corps
GATE	=	Graduate Aptitude Test in Engineering	NET	=	National Eligibility Test
HNF	=	Hamdard National Foundation	NESA	=	National Environmental Science Academy
HRD	=	Human Resource Development	NSS	=	National Service Scheme
IAMM	=	Indian Association of Medical Microbiologists	OPD	=	Out-patient Department
IARI	=	Indian Agricultural Research Institute	OT	=	Operation Theatre
ICGEB	=	International Centre of Genetic Engineering and Biotechnology	PECS	=	Pollution and Ecology Control Services
ICU	=	Intensive Care Unit	RRL	=	Regional Research Laboratory
IGIB	=	Institute of Genomics and Integrative Biology	TERI	=	The Energy and Resources Institute
IGNOU	=	Indira Gandhi National Open University	TMOP&M	=	Technology Mission on Oilseeds, Pulses and Maize
IHMRR	=	Institute of History of Medicine and Medical Research	TNAI	=	Trained Nurses' Association of India
			UGC	=	University Grants Commission
			UNICEF	=	United Nations Children's Fund

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