


1.	Name of the Faculty member	Dr. MOHD ASHRAF ASHFAQ	
2.	Designation	Assistant Professor	
3.	Qualifications	M.Sc. Ph.D. PGD in Patents Law; Graduate level certificate in Scientific Writing	
4.	State of Domicile	Telangana	
5.	Department & School	Department of Botany, School of Chemical and Life Sciences	
6.	Details of Courses taught	<p>Theory and practical courses taught/teaching to students pursuing BSc-M.Sc. Integrated and M.Sc. in botany</p> <p>BSc-M.Sc. Integrated programme in botany</p> <p>Microbiology Plant biotechnology Biofertilizer Economic botany Plant metabolism Research methodology</p> <p>M.Sc. in botany</p> <p>Phycology and Mycology Plant biochemistry and metabolism Genetic engineering Plant Biotechnology Tools and techniques in biology Plants and environment Microbiology Plant Pathology</p>	
7.	Research Thrust Areas	Plant bioactives and their bioactivity, bionutraceuticals, molecular markers, plant transgenesis	
8.	Emails	ashraf@jamiahamdard.ac.in ashfaqmohdashraf@gmail.com	
PUBLICATIONS			
9.	Publications in peer reviewed National & International journals, Citations, H-index	<p>Google Scholar: https://scholar.google.com.tw/citations?hl=en&user=nsuFjl0AAAAJ&view_op=list_works&qmla=AJsN-F6pBM2WaXRzt4XycfD7j9HREMNASUwPuhpbwk2oISQhFIOcRu6M_WuoxulbQCiNVBh9WpkOI-0MEu_A-wq3AmQDP0Br2g</p> <p>Scopus Author ID: 0000-0002-5634-2478</p>	

		ORCID: https://orcid.org/my-orcid?orcid=0000-0002-5634-2478
BOOKS & BOOK CHAPTERS PUBLISHED		
10.	Number of Book Chapters in Edited books of National Publishers	2 (IK International Pvt Ltd; ISOR)
11.	Number of Book Chapters in Edited books of International Publishers	2 (Nature-Springer)
RESEARCH GRANTS AND CONSULTANCY PROJECTS		
12.	Number of research grants from govt. funding agencies as PI/Coordinator	1 UGC project sanctioned and being funded (2020-23) – Start Up Grant – Rs 10,00,000/- Functional characterization of indigenous germplasm of senna (<i>Cassia augustifolia</i> Vahl.) using <u>Start Codon Targeted</u> polymorphism (SCoT) and <u>Randomly Amplified Polymorphic DNA</u> (RAPD) derived <u>Sequence Characterized Amplified Region</u> (SCAR) markers and bioactive compounds (sennosoides and rhein) across cell lines.
RESEARCH SUPERVISION		
As Supervisor		
13.	Number of Ph.D. Guiding	2 (in progress)
14.	Number of Master's theses/dissertations Guided	19 (completed) 9 (in progress)
As Co-supervisor		
15.	Number of Ph.D. Guiding	2 (in progress)
16.	Number of Master's theses/dissertations Guided	5 (completed)
PRESENTATIONS IN CONFERENCES AS SPEAKER/ RESOURCE PERSON		
17.	Number of presentations in National or International Conferences in India	5 (all posters)
18.	Number of presentations in International Conferences abroad	5 (1 - oral and 4 - poster)
NATIONAL AWARDS, HONOURS AND FELLOWSHIPS RECEIVED		
19.	<ul style="list-style-type: none"> ✓ Awarded Joint CSIR-UGC NET in Life Sciences for Lectureship /Assistant Professorship – <ul style="list-style-type: none"> - All India Rank 33 (December, 2014) - All India Rank 39 (December, 2011) ✓ Awarded National Eligibility Test of Agricultural Scientists Recruitment Board (ICAR) for Lectureship /Assistant Professorship in <ul style="list-style-type: none"> ⇒ Biotechnology, April 2014 ⇒ Microbiology, October 2013 ⇒ Basic Plant Sciences, February 2012 ⇒ Basic Plant Sciences, September, 2010 	

	<ul style="list-style-type: none"> ✓ Awarded Andhra Pradesh State Eligibility Test (APSET) 2013 in Life Sciences for Lectureship/Assistant Professorship ✓ Awarded All-India Joint CSIR-UGC JRF-NET 2002 in Life Sciences for pursuing Ph.D. Programme ✓ Awarded All India Rank 301 in GATE in 2000 with Life Sciences as the subject of choice <p>Fellowships</p> <ul style="list-style-type: none"> - DBT Post-doctoral Fellowship (December 2011 – December 2014) at Dr. Reddy's Institute of Life Sciences, Hyderabad - Joint CSIR-UGC JRF 2002 in Life Sciences for pursuing Ph.D. Programme - DBT Project Fellowship (JRF (2001-2003) and SRF (2003)) at the Centre for Cellular and Molecular Biology, Hyderabad
INTERNATIONAL AWARDS, HONOURS AND FELLOWSHIPS RECEIVED	
20.	- Secured IELTS certificate with band 7.0 (maximum band 9.0)- October 2015
STAFF DEVELOPMENT/REFRESHER/SHORT TERM TRAINING PROGRAMME/WEBINARS ORGANIZED	
21.	As Convener, organized one day Orientation Programme on “MOOCs and Blended Learning” for teachers of Jamia Hamdard on November 25, 2021
STAFF DEVELOPMENT/REFRESHER/SHORT TERM TRAINING PROGRAMME/WEBINARS ATTENDED	
22.	<ul style="list-style-type: none"> - 109th Orientation Course (3 week) at UGC-Human Resource Development Centre, University of Hyderabad, Hyderabad between January 17 – February 6, 2020. Grade Obtained: A - FDP (One week) on “Open Source Tools for Research” at Teaching Learning Centre, Ramanujan College, University of Delhi, Delhi between June 08 -14, 2020. - FDP (Two week) on “Application of Digital Tools and Technology in Teaching and Learning” at Indira Gandhi National Tribal University, Amarkantak, M.P. between June 16 - 29, 2020. Grade Obtained: A⁺ - FDP (Two week) on “Advanced Concepts for Developing MOOCs” at Teaching Learning Centre, Ramanujan College, University of Delhi, Delhi between July 02- 17, 2020. - UGC- Sponsored Short-Term Course (One week) on “E-Content Development and Online Pedagogy” at UGC-Human Resource Development Centre, Maulana Azad National Urdu University, Hyderabad between July 24 – 29, 2020. - Online Training Program (One week) on “ICT Tools for Teaching, Learning and Administration”, at Department of Electronics and Communication, J.K. Institute of Applied Physics & Technology, University of Allahabad, Prayagraj between August 04-10, 2020.

	<ul style="list-style-type: none"> - Short Term Program (One week) on “Academic Writing” at UGC-Human Resource Development Centre, University of Hyderabad, Hyderabad between August 17 – 22, 2020. - FDP (Two week) on “Research Methodology” at Teaching Learning Centre, Ramanujan College, University of Delhi, Delhi between October 01-15, 2020. <p>Grade Obtained: A+</p>
ADMINISTRATIVE RESPONSIBILITIES/ PARTICIPATION IN COMMITTEES OF JAMIA HAMDARD	
23.	<p>Facilitator- Admission Committee, Dept. of Botany Member - Examination Committee (Botany) Member - Board of Studies, Department of Botany, Jamia Hamdard Member - Inter-school teaching, SCLS Member - NAAC- Self Study Report Team (SCLS) Coordinator - NAAC Criterion-1 Committee (Botany) Question paper setter and evaluator - Environmental Studies for students of various faculties of Jamia Hamdard Jury Member – Sports and Cultural events of Jamia Hamdard</p>
ANY OTHER	
24.	<p>My philosophy of teaching and learning: The pedagogy of science has provided learners with ample exposure to existing theories. However, there is a gap in terms of critical reasoning. To question received knowledge, requires skepticism which imparts to the students, an ability to identify anomalies in the existing systems of knowledge. This requires that a teacher must treat students not merely as receivers of knowledge but as potential repositories of original thinking who could articulate themselves only when they are taught to question rather than merely accept what is being taught as knowledge. This ability to question requires a reorientation of teaching methodology. Teaching must be a dialogue with students, rather than a monologue. It should embrace ongoing frontier areas of research which presents evidence that identifies new directions in knowledge. Teaching must move beyond conventional learning requiring a research orientation and improvisation in terms of developing skills of practical experimentation and innovative exploration in application of knowledge.</p> <p><i>'To teach is to give new life to others'</i> is what I firmly believe in. Towards this, I wish to explore issues of teaching and learning for understanding, and look forward to consider connections between educational theory and practice. I wish to interact with students and facilitate class discussion in a manner consistent with an experienced teacher. A progressive approach to science teaching, and plans to teach developmentally relevant, hands-on, investigation-based lessons is what I yearn for and look forward to implement the same.</p>