

### Profile of the Faculty Member

1.	Name of the Faculty member	Mymoona Akhter	
2.	Designation	Professor and Director	
3.	Qualifications	<b>M. Pharm</b> (Pharmaceutical Chemistry) <b>PhD</b>	
4.	State of Domicile	Jammu and Kashmir	
5.	Department & School	<ul style="list-style-type: none"> <li>• Department of Pharmaceutical Chemistry, School of Pharmaceutical Education and Research</li> <li>• Centre for Teaching Support and Innovations</li> </ul>	
6.	Details of Courses taught	<ul style="list-style-type: none"> <li>• Advance Medicinal Chemistry</li> <li>• Medicinal Chemistry</li> <li>• Computer Aided Drug Design</li> <li>• Pharmaceutical Analysis</li> <li>• Instrumental Method of Analysis</li> <li>• Pharmaceutical Validation</li> </ul>	
7.	Research Thrust Areas	<ol style="list-style-type: none"> <li>1. Design and Development of Antidiabetic and Antialzheimers agents using Network Biology and Computer Aided Drug Design</li> <li>2. Synthesis of novel small organic heterocyclic molecules as antidiabetic, Antialzheimers agents.</li> <li>3. Synthesis of novel small organic heterocyclic molecules as antimicrobial agents</li> </ol>	
8.	Emails	makhtar@jamiyahamdard.ac.in mymoonaakhter@gmail.com	
<b>PUBLICATIONS</b>			
9.	Publications in peer reviewed National & International journals, Citations, H-index	Google Scholar Link: <a href="https://scholar.google.com/citations?hl=en&amp;user=QjKR4joAAAAJ&amp;view_op=list_works&amp;authuser=3&amp;sortby=pubdate">https://scholar.google.com/citations?hl=en&amp;user=QjKR4joAAAAJ&amp;view_op=list_works&amp;authuser=3&amp;sortby=pubdate</a>  <b>Scopus Author ID:</b> 57213761171  <b>ORCID:</b> 0000-0003-4380-3965	

<b>BOOKS &amp; BOOK CHAPTERS PUBLISHED</b>		
10.	Number of books published by National publisher	03 <ul style="list-style-type: none"> <li>Textbook of Pharmaceutical Chemistry, 2019, Pub: SR publishers</li> <li>Physical Pharmacy and Instrumental Methods of Analysis, 2017, Pub: Anne Books Pvt. Ltd, New Delhi</li> <li>Practical Pharmaceutical Analytical Chemistry, 2011, Pub: Elsevier India Pvt. Ltd.</li> </ul>
12.	Number of Book Chapters in Edited books of National Publishers	<b>29 Modules</b> <b>ePG pathshala Program:</b> ePG Pathshala Program of UGC for subject Analytical Chemistry <a href="http://epgp.inflibnet.ac.in/UploadedContent.php">http://epgp.inflibnet.ac.in/UploadedContent.php</a> , 2017
13.	Number of Book Chapters in Edited books of International Publishers	02 <ul style="list-style-type: none"> <li>Herbal Drug Interactions, In Complementary and Alternative Medicine and Kidney Health, Pub: IGI Global, USA</li> <li>Understanding Promising Anticancer Targets for Heterocyclic Leads: An Introduction. In Key Heterocyclic Cores for Smart Anticancer Drug-Design Pub: Bentham Books</li> </ul>
<b>RESEARCH GRANTS AND CONSULTANCY PROJECTS</b>		
14.	Number of research grants from govt. funding agencies as PI/Coordinator	06 DBT, UGC, DST, AICTE, CCRUM
15.	Number of research grants from govt. funding agencies as Co-PI	01 ICMR
<b>RESEARCH SUPERVISION</b>		
<b>As Supervisor</b>		
18.	Number of Ph.D. Guided	05
19.	Number of Master's theses/dissertations Guided	25
<b>As Co-supervisor</b>		
20.	Number of Ph.D. Guided	01
21.	Number of Master's theses/dissertations Guided	03

<b>PRESENTATIONS IN CONFERENCES AS SPEAKER/ RESOURCE PERSON</b>		
24.	Number of presentations in National or International Conferences in India	12 (invited)
25.	Number of presentations in International Conferences abroad	04 Invited and Oral
<b>NATIONAL AWARDS, HONOURS AND FELLOWSHIPS RECEIVED</b>		
26.	<ul style="list-style-type: none"> <li>• Academician of the Year 2019 by Society for Women in Science and Technology, India</li> <li>• Best Performer Award, 2018, IPA</li> <li>• Fast tract for young scientist (SERB) (2013)</li> <li>• Career Award for Young Scientist (AICTE) (2011)</li> <li>• SERC Visiting Fellowship by DST (2005)</li> </ul>	
<b>STAFF DEVELOPMENT/REFRESHER/SHORT TERM TRAINING PROGRAMME/WEBINARS ORGANIZED</b>		
28.	2017	Workshop -cum -Hands on training on Recent Trends in Computational Bioinformatics
	2017	Web- Seminar on Molecular Docking, Fragment Based Drug Design and Post Docking Analysis
	2017	Continuous Education in Pharmacy: Lecture on New Frontiers in Pharmaceutical Technology
	2017	8th Bioinformatics conference cum Hands-on on Training 2017 on "R Language and Drug Development"
	2018	Continuous Education in Pharmacy: Lecture on Challenges and Opportunities in Development of Herbal Drugs.
	2018	One day workshop cum Hands-on Training 2018 on "Basic Tools for Drug Discovery and Development",
	2019	NHDDD-3: The role of NMR
	2019	International Symposium & Bioinformatics Workshop on Informatics, Drug Discovery and Development" at Jamia Hamdard
<b>MEMBER(S) OF NATIONAL COMMITTEES</b>		
29.	Treasurer and Council Member Indian Pharmaceutical Association, Delhi Branch	
<b>ADMINISTRATIVE RESPONSIBILITIES/ PARTICIPATION IN COMMITTEES OF JAMIA HAMDARD</b>		
31.	<ul style="list-style-type: none"> <li>• <b>Director</b>, Centre for Teaching Support and Innovations, Jamia Hamdard</li> <li>• <b>Dy. Coordinator</b>, Bioinformatics Infrastructure Facility</li> <li>• <b>Coordinator</b>, MSc Program in Computational and Systems Biology and Bioinformatics</li> </ul>	