




महात्मा ज्योतिबा फुले
कृषिविद्यालय, बरेली

Faculty Profile on University Website

www.mjpru.ac.in

Title	Dr.	First Name	Neetika	Last Name	Misra	Photograph			
Designation		Faculty Member							
Department		Pharmacy							
Address Campus)		Department of Pharmacy, Rohilkhand University, Bareilly							
Residence)		Flat No. 205, Tulip Grace, IVRI Road, Bareilly							
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Educational Qualifications (Graduation Onwards)									
Course/Degree		Institution		Year		Details/Thesis Topic/Subjects			
B.Pharm		S.R.M.S CET, Bareilly		2011		Pharmacy			
M.pharm (Pharmaceutical Chemistry)		Banasthali University, Tonk, Rajasthan		2013		Design, Synthesis, and Biological Evaluation of Novel Dual Action Non-Detergent Spermicides			
Ph.D. (Pharmaceutical Chemistry)		Banasthali University, Tonk, Rajasthan		2019		Discovery of Novel and Structurally Diverse Inhibitors of Human Epoxide hydrolase through the application of Pharmacophore Modelling, Virtual Screening, Molecular Docking & Target Based Biological Evaluation.			
Career Profile									
Organization / Institution			Designation		Duration		Role		
CSIR-CDRI			Project Trainee		2012-2013		Research		
Banasthali University, Tonk, Rajasthan			Researcher, PhD (Pharmaceutical Chemistry)		2013-2019		Teaching & Research		
Invertis University, Tonk, Rajasthan			Assistant Professor		2019-2022		Teaching		
M.J.P. Rohilkhand University			Assistant Professor		2022-Till Date		Teaching		
Research Interests / Specialization									
<ul style="list-style-type: none"> Drug Design, Worked on TSAR 3.3, ACCELRY'S DISCOVERY STUDIO 2.0, Chem draw, MS Office (QSARTools) Expertise in Ligand Based Drug Design, Structure-Based Drug Design, Molecular Docking, Virtual Screening, <i>in-vitro</i> studies (Enzyme based assay), <i>in-silico</i> studies 									
Teaching Experience (Subjects/Courses Taught)									
B.Pharm- Pharmaceutical Analysis-I, Pharmaceutical Inorganic Chemistry, Pharmaceutical Organic Chemistry I, Pharmaceutical Organic Chemistry II, Medicinal Chemistry-I, Medicinal Chemistry-II, Medicinal Chemistry-III, Instrumental Method of Analysis, Computer Aided Drug Design, M.Pharm(Pharmaceutical Chemistry) – Advanced Organic Chemistry PhD- Research Methodology, CADD									
Honors & Awards									
<p>• Achieved Young Scientist Award in Geno Pro 2019 organized by Department of Biotechnology (October 11-12, 2019) held at Invertis University, Bareilly.</p>									
Publications /Academic Activities (Numbers Only)									
Books & Monographs (Single Author)		Research Papers Published in International Journals	4	Papers Presented in Seminars/ Conferences	1	Seminars/ Conferences Organized	0	Research Projects (Completed)	
Books (Co-authored)		Research Papers Published in Other Journals	3	Seminar/ Conferences Attended	9	Workshops Organized		Research Projects (Ongoing)	
Books (Edited)		Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.		Sessions Chaired in Seminars/ Conferences		Membership of Academic/ Professional Bodies		Foreign Countries Visited for Academic Assignments	
Chapters in Edited Books	2			Resource Lectures Delivered					

Details of Publications /Academic Activities (2010 Onwards)				
(a) Books / Monographs				
<u>Year of Publication</u>	<u>Title</u>	<u>Publisher</u>	<u>ISBN</u>	<u>Co-Author (s) (if any)</u>
(b) Papers Published in Indexed/ Peer Reviewed Journals				
<u>Year of Publication</u>	<u>Title</u>	<u>Journal</u>	<u>ISSN/ Indexing</u>	<u>Co-Author (s) (if any)</u>
2016	Identification of Novel Anti-Fungal Lead Compounds through Pharmacophore Modeling, Virtual Screening, Molecular Docking, Anti-Microbial Evaluation and Gastrointestinal Permeation Studies.	Journal of Biomolecular Structure & Dynamics- Taylor & Francis	07391102, 15380254	
2018	Discovery of Novel Soluble Epoxide Hydrolase Inhibitors as Potent Anti-Hypertensive Agents.	Scientific Reports- Nature	2045-2322	
2022	Repurposing of digoxin in pain and inflammation:An evidence based study	Drug Dev Res	0272-4391	
2022	Repurposing of tubocurarine as an analgesic and anti-inflammatory agent:Exploring beyond myorelaxant activity	Biochemical Pharmacology	0006-2952	
(c) Articles				
(d) Seminar/Conference Presentations				
<ul style="list-style-type: none"> •Participated in Faculty Development Program in Neuroscience Sponsored by Ministry of Human Resource Development (21st August-26th August, 2017) held at Banasthali Vidyapith, Rajasthan, India. •Oral Presentation in “World Congress on Drug Discovery & Development” (23rd November- 25th November, 2017) at J.N Tata Auditorium, CSIR-IISC, Bengaluru, India. •Participated in workshop on “Intellectual Property and Innovation Management in Knowledge Era” supported by National Research Development Corporation held at Banasthali Vidyapith, Rajasthan, India (5th December 2017). •Attended short term course on Bioinformatics and Computational Biology at IIT-Delhi, India (21st September- 23rd September 2017). •Participated in Workshop on Technological Empowerment of Women organized by National Academy of Sciences in joint collaboration with Banasthali Vidyapith, Rajasthan, India (March 14thMarch-15th March, 2017). •Oral Presentation in National Conference on Emerging Trends in Chemical and Pharmaceutical Sciences held at Banasthali Vidyapith, Rajasthan, India (March 12thMarch-13th March, 2017). •Presented poster in 6th International Symposium on Current Trends in Drug Discovery and Research at CSIR-CDRI, Lucknow, India (25th February 2016- 28th February 2016) •Presented poster in 5th International Symposium on Current Trends in Drug Discovery and Research at CSIR-CDRI, Lucknow, India (26th February 2013- 28th February 2013) 				
(e) Resource Lectures Delivered				
(f) Seminars/Conferences/Workshops Organized				
(g) Public Service / University Service / Consulting Activity				
(h) Memberships of Academic/Professional Bodies				
Projects (With Title, Year, Grants, Funding Agency and Collaborations)				
Administrative Positions/Assignments Held				
Academic Foreign Visits				
Any Other Details				

Neetika

Signature of Faculty Member
(in Hard Copy Only)

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