



FACULTY FULL NAME: Dr. Mohsina Bano Shaik

POSITION: Lecturer

Personal Data

Nationality | Indian
Date of Birth | 01.04
Department | Pharmaceutical chemistry
Official UoD Email | mbshaik@iau.edu.sa
Office Phone No. | +966 13 3335543

Language Proficiency

Language	Read	Write	Speak
Arabic	Basic	Basic	Basic
English	Fluent	Fluent	Fluent
Hindi	Fluent	Fluent	Fluent
Urdu	Fluent	Fluent	Fluent
Kannada	Fluent	Fluent	Fluent

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2013	Ph.D	Karnataka, Bengaluru	Rajiv Gandhi University of Health Sciences
1998	M.Pharmacy	Karnataka, Bengaluru	Rajiv Gandhi University of Health Sciences
1996	B.Pharmacy	Karnataka, Bengaluru	Rajiv Gandhi University of Health Sciences
1991	Diploma in Pharmacy	Karnataka, Bengaluru	Karnatak State Drug Control Board

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	Synthesis and Evaluation of Benzopyran Derivatives for Cardioselective ATP-Sensitive Potassium Channel Openers.
Master	Synthesis and biological evaluation of Coumarin derivatives for Photo-Chemotherapeutic activity.



Fellowship	
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Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date	
Lecturer		Imam Abdulrahman Bin Faisal University	Sept-2013	Till date
Lecturer		Krupanidhi College of Pharmacy	2010	2013
Research Scholar		Krupanidhi College of Pharmacy	2007	2011
Lecturer		M.M.U. College of Pharmacy	1998	2002

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Pharmaceutical Organic chemistry Laboratory In charge	IAU	Sept- 2013Till Date
Pharmaceutical Analytical chemistry Laboratory In charge	IAU	Sept- 2013Till Date
Exam Facilitation Committee Member	IAU	2024
Risk Management Unit (Member)	IAU	2023
Exam Assessment Committee Member (Correction OMR Sheets)	IAU	January 2017 Till June 2022
Member Scientific Research Lab. Council Committee	IAU	2019 Till Date
Academic Advisor		2015 Till Date
Exam facilitation Committee member	IAU	2013 Till Date
Evaluator for B.Pharmacy Answer sheets	Rajiv Gandhi University of Health Sciences	1997-2002
Confidential Officer to conduct Exams at University	Rajiv Gandhi University of Health Sciences	2000-2002
External Examiner to conduct Practical Examinations	Rajiv Gandhi University of Health Sciences	1998-2002



Internal Examiner for the conduct of Final Practical Examination	M.M.U.College of Pharmacy	1998-2002
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Scientific Achievements

Published Refereed Scientific Research

(In Chronological Order Beginning with the Most Recent)

Name of Investigator(s)	Research Title	Journal Name	Publisher and Date of Publication
Mohsina Bano, Christopher Amalraj Vallaba Doss, Saira Zahoor & Priti Tagde	Advanced Techniques used to enhance Practical Approaches in Pharmaceutical Chemistry	https://ymerdigital.com/ December 2022. YMER Digital 21(12):2077-94	Scopus Indexed ISSN:0044-0477 DOI: 10.37896/YMER21.12/H3
Mohsina Bano, Christopher Amalraj Vallaba Doss*, Arun Vijay Subbarayalu, Malik Khurram Shahzad Awan and Mohammed Barkath Ali	Effect of COVID-19 Lockdown on Sleep Quality and Insomnia in Collegiate Students	Biomedical & Pharmacology Journal, December 2022. Vol. 15(4), p. 1975-1983 Published by Oriental Scientific Publishing Company © 2022	Scopus Indexed ISSN:0974-6242 Online ISSN: 2456-2610 DOI: https://dx.doi.org/10.13005/bpj/2536
SENTHIL VADIVE, THAMILSELVAN PALANICHAMY, CHRISTOPHER AMALRAJ VALLABA MOHSINA BANO DOSSPALANIVEL R.M	Development and Standardization of Tool for WhatsApp Addiction Test	International Journal of Pharmaceutical Research Apr - Jun 2021 Vol 13 Issue 2	Scopus Indexed (Coverage discontinued in Scopus) ISSN:0975-2366 DOI: 10.31838/ijpr/2021.13.02.505
Heba Shaaban, Mohsina Bano Shaik	Radiation and its associated health risks: Assessment of knowledge and risk perception among adolescents and young adults in Saudi Arabia	International Journal of Adolescent Medicine and Health 2018 Aug 25;33(1)	Scopus Indexed DOI: 10.1515/ijamh-2018-0056 ISSN: 2191-0278 Promotion 2023 list
Mohsina Bano, Kuldipsinh P. Barot, Shaik Miftah Ahmed, Stoyanka Nikolova, Illiyan Ivanov and Manjunath D. Ghate	Identification of 3- hydroxy-4 [3, 4-dihydro 3-oxo-2H-1, 4-benzoxazin-4-yl]-2, 2-	Mini-Reviews in Medicinal Chemistry Volume 13, Issue 12, 2013 Page: [1744 - 1760]	Scopus Indexed and WOS Promotion 2023 list DOI: 10.2174/13895575113136660084 ISSN (Print): 1389-5575



	dimethyldihydro-2H benzopyran derivatives as potassium channel activators and anti-inflammatory activity		ISSN (Online): 1875-5607
Mohsina Bano, Kuldipsinh P. Barot, Shailesh V. Jain & Manjunath D. Ghate	Identification of 3-hydroxy-4[3,4-dihydro-3-oxo-2H-1,4-benzoxazin-4-yl]-2,2-dimethyldihydro-2H-benzopyran derivatives as potassium channel activators and anti-inflammatory agents	Medicinal Chemistry Research 2015 24 (7),3008-3020	Scopus Indexed and WOS Promotion 2023 list Online ISSN: 1554-8120 Print ISSN: 1054-2523 DOI: 10.1007/s00044-015-1344-6 Published by Springer Nature

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
1.				
2.				
3.				

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Mohsina Bano, Christopher Amalraj Vallaba Doss, Saira Zahoor & Priti Tagde	Advanced Techniques used to enhance Practical Approaches in Pharmaceutical Chemistry	December 2022.
2.	Manjunath-Ghate, Mohsina Bano, Illivan-Ivanov.	Identification of 3- hydroxy-4 [3, 4-dihydro 3-oxo-2H-1, 4-benzoxazin-4-yl]-2, 2-dimethyldihydro-2H benzopyran derivatives as potassium channel	Oral presentation in 95 th Canadian Chemistry Conference held in Calgary, Canada 26-30 May 2012.



		activators and anti-inflammatory activity	
3.	Mohsina Bano, Shaik MA, Manjunath-Ghate	Facile Synthesis and Evaluation of 3,4-dihydro 2,2-dimethyl-4[N(3-4-dihydro-3-oxo-2H-1,4 benzoxazine)]-2H-Benzopyran for its Cardiovascular activity” .	5 th International Conference on Drug Discovery & Therapy 2014

Current Researches

#	Research Title	Name of Investigator(s)
1.	Prodrugs synthesis of the Antiviral Nucleoside Analogues: Entecavir and Lamivudine	Dr. Nada and Dr. Mohsina Bano, Hashim AlAli, Mehdi Al Nahhab
2.	Synthesis of the Prodrug Antiviral Nucleoside Analogues Ganciclovir and Emtricitabine	Dr. Nada and Dr. Mohsina Bano
3.	Synthesis of Novel derivatives of Sulphonamides for their anti cancer activities	Dr. Juma, Dr. Mansoor, Dr.Sarfaro, Dr. Mohsina Bano

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1.	Fostering the drug design via Artificial intelligence and sanctifying Molecular docking studies	Institute of Science ,Technology& Advanced studies Chennai 24 th July To 28 th July 2023	Attendee
2.	Innovation, Learning and Research in Pharmaceutical sector-A transforming Era	Chennai-Tamil Nādu India 13 th To 18 th April 2024	Attendee



3.	What is artificial Intelligence & How to use it in teaching	Deanship of Academic Development IAU 28 th Nov. 2023	Webinar
4.	" Tools for Written Assessment for Health Professions Colleges "	The Centre for Quality of Assessment and Examinations IAU 11 th October 2022	Attendee
5.	Understanding Practice School & its concept in UG Pharmacy Education Pharmacy Council of India, New Delhi	Mysuru on 23 rd May 2020	Webinar
6.	Honing your job Skills for a post pandemic World in association with Pharmacy Council of India, New Delhi	New Delhi June 2020	Webinar
7.	Current Trends and Future Prospectives of Pharmacy Profession in association with Indian Pharmaceutical Association	St Pauls College of Pharmacy, Hyderabad in association with IPA on June, 2020	Webinar
8.	Trends and Advancements in Pharmaceutical sciences	Dr. M.G.R. Educational and Research Institute 2020	Webinar
9.	Structure Based and Ligand Based Drug Design	JSS College of Pharmacy Mysuru 13-14 th July 2020	E-Workshop
10.	Advance Core Chemistry with Practical based Approach	PRISAL ADVANCE TRAINING PROGRAM 16 th July	E-Workshop



11.	Recent Advances in Drug Design: State of the Art tools for Drug Design and Drug Discovery	JSS Colleg of Pharmacy, Ooty in association with SCHRODINGER	E-Workshop
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Membership of Scientific and Professional Societies and Organizations

- Life member of Karnataka State Pharmacy Council, www.kspcdic.com
- Life member of Association of Pharmaceutical Teachers of India. www.aptiindia.org

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
	Pharmaceutical Analytical Chemistry	PHCH-208	Laboratory/Practical Teaching part
	Pharmaceutical Organic Chemistry-1	PHCH-203	Laboratory/Practical Teaching part

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
1		14	2015	Till Date
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Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date

Ongoing Research Supervision

#	Degree Type	Title	Institution	Date



Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

Administrative Responsibilities

#	From	To	Position	Organization
1	2024	Till Date	Member	Exam Facilitation Committee Member
2	2023	Till Date	Member	Risk Management Unit (Member)
3	2015	Till Date	Advisor	Academic Advisor
4	2017	2020	OMR Correction	Exam Assessment Committee Member (Correction OMR Sheets)

Committee Membership

#	From	To	Position	Organization
1.	2024	Till Date		Exam Facilitation Committee Member
2.	2023	Till Date	Member	Risk Management Unit (Member)
3.	2015	Till Date	Advisor	Academic Advisor
4.	2017	2020	OMR Correction	Exam Assessment Committee Member (Correction OMR Sheets)

Scientific Consultations

#	From	To	Institute	Full-time or Part-time
1	2018	Till date	Journal editor	journal of Medicinal Chemistry Research
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Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

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Last Update 15th April 2024.

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