



Chemistry Section, Physical Sciences Section
School of Sciences
Maulana Azad National Urdu University (Central University)
Gachibowli, Hyderabad, Telangana-500032, India

+918082709232

Email id: raziabanoo31@gmail.com

Follow me on:

Dr. Razia Banoo

CURRENT : Currently working as a Guest Faculty (Contractual) in Chemistry Section,
**DESIGNATION/
INVOLVEMENT**

**AREA OF
SPECIALIZATION** In-Organic chemistry

**ONGOING ACADEMIC •
RESEARCH/PROJECTS**

**INNOVATION WITH
FIELD OF STUDY AND
COLLABORATIVE
EFFORTS**

Innovation with field of study

- Rational Drug Design, Synthesis and Lead Optimization to Discover New anti-Alzheimer's agents.
- Virtual Screening of a Database of FDA-Approved Drugs as Potential Cholinesterase, β -amyloids, and GSK-3 β Inhibitors

Collaborative efforts

- International Collaborators
- **Dr. Mohd Abdullaha**
Senior Researcher, Department of Chemistry, The state University of New York at Buffalo, 510, Natural Science Complex Buffalo, New York, USA-14260
 - National Collaborators
- **Dr. Sandip B. Bharate**
Senior principal scientist and Head of the department of Natural product and Medicinal chemistry division (NPMC-Division) (CSIR-IICT, Hyderabad, Telangana)
- **Dr. Ajaz Ahmad**
Scientist, Department of Chemistry CSIR-IICT, Hyderabad, Telangana

ACADEMIC AND
ADMINISTRATIVE
EXPERIENCE

EDUCATIONAL
QUALIFICATION

- Master in chemistry, Department of chemistry, Jammu University
 - CSIR-NET, JRF
 - Doctoral of Philosophy in Chemistry, 2024,
Department of Natural product and Medicinal chemistry division,
CSIR-Indian Institute of Integrative Medicine, Jammu
-

TEACHING PROFICIENCY

- English and Urdu
-

RESEARCH PUBLICATION
DETAILS

1. **Banoo, R.**; Nuthakki, V. K.; Bhagyashri, W.N.; Sharma, A.; Bharate, S. B.,
Design, synthesis, and pharmacological evaluation of indole-piperidine
amides as Blood– brain barrier permeable dual cholinesterase and β -secretase
inhibitors . *European Journal of Medicinal Chemistry* **2024**, (266), 116131
 2. **Banoo, R.**; Nuthakki, V. K.; Abdullaha, M.; Sharma, M.; Bharate, S. B.,
Blood-brain barrier permeablebenzylpiperidin-4-yl-linked benzylamino
benzamides as dual cholinesterase inhibitors. *Drug development research*
2022, 83 (8), 1791-1802.
 3. Abdullaha, M.[#]; **Banoo, R.**[#]; Nuthakki, V. K.; Sharma, M.; Bharate, S. B.,
Methoxy-naphthyl linked N-benzylPyridinium Styryls as Dual Cholinesterase
Inhibitors: Design, Synthesis, Biological Evaluation and Structure-Activity
Relationship. *ACS Omega* **2023**, 8, 20, 17591-17608
-

DETAILS OF
CONFERENCE/SEMINA
R /WORKSHOP/ FDP
(ATTENDED/PRESENTE
D)

- Presented a poster in International conference on “International
conference on traditional medicine and phytopharmaceuticals (ICTMP)
and International congress of society for Ethnopharmacology (SFEC)”
2024 at CSIR-IIIM, Jammu 16th to 18th February
- Presented an oral presentation in International conference in chemistry-
2024 on “Recent advances on applied chemical sciences” (RAACS-
2024) at Maulana Azad National Urdu University, Hyderabad 23th to

24th February

- Attended International conference, on “Industry Focused Research – **TEC-2023**” at Panjab University
- Attended “Two-day national conference on “commercialization of Natural product” **2023** at ISF College Pharmacy, Moga

DETAILS OF KEYNOTE
SPEAKER/RESOURCE
PERSON/ SESSION CHAIR
ETC.

DETAILS OF
SUPERVISION
(M.PHIL/M.TECH/P.H.D.)

- Supervision of dissertation of M.Sc Chemistry Students
Department of Chemistry, School of Sciences, Maulana Azad National Urdu University, Hyderabad, Telangana.

PROFESSIONAL
MEMBERSHIPS

PERSONNEL DETAILS: **Father’s Name:** Amir Mehdi
Date of Birth: 01-01-1994
Gender: Female
Marital Status : Married
Nationality: Indian
Language: English, Urdu, Balti, Purgi

Date:
Place:Hyderabad

[Last update on: 02/12/ 2022]