




DESHBANDHU COLLEGE
(UNIVERSITY OF DELHI)
KALKAJI, NEW DELHI - 110019
Faculty Details Proforma for College Website

Title	Dr.	First Name	Rohit	Last Name	Kholiya	Photograph
Designation	ASSISTANT PROFESSOR					
Address	Department of Chemistry, Deshbandhu College, University of Delhi, Kalkaji, Delhi - 110019					
Phone No. Office	--					
Residence Mobile	9717307625					
Email	rkholiya@db.du.ac.in					
Web-Page	https://sites.google.com/db.du.ac.in/rkholiya/home					
Educational Qualifications						
Degree	Institution				Year	
Ph.D.	UNIVERSITY OF DELHI				2018	
PG	KUMAUN UNIVERSITY NAINITAL, UK, INDIA				2011	
UG	KUMAUN UNIVERSITY NAINITAL, UK, INDIA				2009	
Any other qualification						
Career Profile						
Presently working as an Assistant Professor from December 2022 in Department of Chemistry, Deshbandhu College, University of Delhi.						
Administrative Assignments						
NA						
Areas of Interest/Specialization						
Organic and Medicinal Chemistry						
Subjects Taught						
Following subjects have been taught to undergraduate students of B.Sc. (P) Inorganic Chemistry, Organic Chemistry, Green Methods in Chemistry, Science and Society						
Research Guidance						
NA						
Publications Profile						
Research Papers:						
<ul style="list-style-type: none"> • Gagandeep Sindhu, Rohit Kholiya (<i>Equal contribution</i>), Saqib Kidwai, Padam Singh, Ramandeep Singh and Diwan S Rawat, Design and synthesis of benzimidazole derivatives as antimycobacterial agents. J. Biochem. Mol. Toxicol. https://doi.org/10.1002/jbt.23123. • Rohit Kholiya, Shabana I. Khan, Aparna Bahuguna, Mohit Tripathi and Diwan S. Rawat, N-Piperonyl substitution on aminoquinoline-pyrimidine hybrids: Effect on the antiplasmodial potency. Eur. J. Med. Chem. 131 (2017) 126-140. • Mohit Tripathi, Shabana I. Khan, PrijaPonnan, Rohit Kholiya, and Diwan S. Rawat, Aminoquinoline-Pyrimidine- Modified Anilines: Synthesis, In Vitro Antiplasmodial Activity, Cytotoxicity, Mechanistic Studies and ADME Predictions. ChemistrySelect, 2 (2017)9074-9083. • Archana Gupta, Rohit Kholiya, and Diwan S. Rawat, BF₃.OEt₂ mediated highly stereoselective synthesis of trisubstituted-tetrahydrofuran via [3+2] cycloaddition reaction of 2-arylcyclopropyl ketones with 						

aldehydes. Asian J. Org. Chem. 6 (2017)993-997.

- U. Chinna Rajesh, **Rohit Kholiya**, Anuj Thakur and Diwan S. Rawat, [TBA][Gly] ionic liquid promoted multi- component synthesis of 3-substituted indoles and indolyl-4H-chromenes. Tetrahedron Lett. 56 (2015) 1790- 1793.
- U. Chinna Rajesh, **Rohit Kholiya**, V. Satya Pavan and Diwan S. Rawat, Catalyst-free, ethylene glycol promoted one- pot three component synthesis of 3-amino alkylated indoles via Mannich-type reaction. Tetrahedron Lett. 55 (2014) 2977-2981.
- Shiv S. Maurya, Aparna Bahuguna, Shabana I. Khan, **Rohit Kholiya** and Diwan S. Rawat, N-Substituted aminoquinoline-pyrimidine hybrids: Synthesis, in vitro antimalarial activity evaluation and docking studies. Eur. J. Med. Chem. 162 (2019)277-289.

Conference Organization/ Presentations

- **JAIST Japan-India Symposium on Materials Science**, Japan Advanced Institute of Science and Technology, Japan, March 6th-7th, **2017** (Presented a Poster on “*PVA-SO₃H Catalyzed N-formylation of amines and Fe-Pc catalyzed transfer hydrogenation of nitroarenes*”).
- **XII National Organic Symposium Trust (J-NOST) Conference for Research Scholars**, Central Drug Research Institute, Lucknow, India, November 24th-27th, **2016**. (Presented a Poster on “*Polyvinyl alcohol-sulphonic acid (PVA-SO₃H): A novel and recyclable organocatalyst for N-formylation of amines under metal free and neat condition*”).
- **CARBO-XXXI International Conference on New Frontiers in Carbohydrate Chemistry and Biology**, Department of Chemistry, University of Delhi, Delhi, India, November 14th-16th, **2016**. (Presented a Poster on “*N- Piperonyl substitution on aminoquinoline-pyrimidine hybrids: Effect on the antimalarial potency*”).
- **DU-JAIST Indo-Japan Symposium on Chemistry of Functional Molecules/Materials**, Department of Chemistry, University of Delhi, Delhi, India, February 26th-27th, **2016** (Presented a Poster on “*Aminoquinoline- pyrimidine hybrids as potential bifunctional antimalarial agents*”).
- **22nd ISCB International Conference on Recent Trends in Affordable and Sustainable Drug Discovery and Developments**, Uka Trasadia University, Tarsadi-394350, Bardoli, Surat, Gujrat, India, February 6th-8th, **2016**. (Presented a Poster on “*Synthesis of N-substituted 4-aminoquinoline-pyrimidine hybrids as potential antimalarial and anticancer agents*”).
- **20th ISCB International Conference on Chemistry and Medicinal plants in Translational Medicine for Healthcare**, Department of Chemistry, University of Delhi, Delhi, India, March 1st-4th, **2014** (Presented a Poster on “*Chiral ionic liquids as versatile recyclable organocatalysts in one-pot organic conversions*”).
- **IX National Organic Symposium Trust (J-NOST) Conference for young researchers**, IISER Bhopal, India, December 4th-6th, **2013** (Presented a Poster on “*Barium carbonate hydroxide (BCH) pentagonal rods as a novel recyclable heterogeneous solid base catalyst in domino reactions*”).

CONFERENCES AND WORKSHOP ATTENDED

- **Workshop on IPR for Researchers**, Department of Chemistry, University of Delhi, Delhi, India, December 14th, 2015.
- **21st ISCB International Conference on Current Trends in Drug Discovery and Developments**, Central Drug Research Institute, Lucknow, India, February 25th-28th, **2015**.
- **International Seminar on Effects of Pollution on Human Health**, Department of Chemistry, University of Delhi, Delhi, India, December 1st, **2017**.
- **International Conference on Drug Design**, Convention Centre, JNU, Delhi, India, April 7th-9th, **2017** (Attended workshop and conference).

Research Projects (Major Grants/Research Collaboration)

NA

Awards and Distinctions

- UGC- NET, June- 2012, All India Rank- 37
- UGC- JRF Fellowship, December- 2012, All India Rank- 75.
- Qualified Graduate Aptitude Test in Engineering (GATE) in 2013 in the subject Chemistry, All India Rank- 233.

Association With Professional Bodies

NA

Other Activities
NA



Signature of Faculty
Member

- You are also requested to give your complete resume as a Word or PDF file to be attached as a link on your department page.