Curriculum Vitae

Dr. Inul Ansary

- **Name:** INUL ANSARY
- **Date of Birth:** May 11, 1983
- **Sex:** Male
- **Affiliation:** Department of Chemistry, The University of Burdwan, Golapbag, Burdwan – 713104, W.B., India.
- **Designation:** Assistant Professor (w.e.f. 26-11-2012)
- **Nationality:** Indian
- **Education Qualifications:** B.Sc. (The University of Burdwan), M.Sc. (University of Calcutta – Rajabazar Science College), Ph.D. (University of Kalyani).
- **Contact Details:** inul.ansary@yahoo.co.in, Fax: +91-342-2530452/2634200; Phone: +91-9932578075
- **Field of Specialization:** Organic Chemistry
- **Industrial Research Experience:** June 2006 – August 2007 as a Research Chemist in "**Chembiotek Research International Pvt. Ltd.**", Kolkata, India.

  Project Area: Synthesis of biologically active organic compounds.
- **Awards:**

  2009: Senior Research Fellowship (SRF), conducted by the joint CSIR-UGC, Govt. of India.

  2006: Junior Research Fellowship (JRF) and Lectureship, **National Eligibility Test** (NET) held on December 2006, conducted by the joint CSIR-UGC, Govt. of India.

  2006: **Graduate Aptitude Test in Engineering** (GATE) held on February 2006, organized by Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, India.
- **Research Area:** Synthesis of Heterocyclic Compounds.
- **Research Experience:** 9 years (August 2007 – present)
- **Teaching Experience:** P.G. Course: 4 year (approx., w.e.f. Nov. 2012 – present)

- MCHEM0103: Structure-reactivity relationship: A quantitative approach
- MCHEM0203: Reactive intermediates: Free radicals, radical cations and radical anions
- MCHEM0205: Organic general practical
- MCHEM0303: Organic photochemistry I
- MCHEM0306: ^{13}C-NMR spectroscopy
- MCHEM0310: Organic major practical I
- MCHEM0313: Medicinal Chemistry: Natural and synthetic organic compounds and their mode of action
- MCHEM0404: Organic photochemistry II, 2D-NMR
- MCHEM0408: Asymmetric synthesis, Green methodologies for organic synthesis, Chemistry of organo-boron & sulfur towards organic synthesis
- MCHEM0412: Organic major practical II
- MCHEM0417: Organic Term Paper/Project
- MCHEM0419: Social Outreach

➢ **Research Project:**

Sl. No.	Name of the Project	Funding Agency	Duration	Amount sanctioned in (Rs.)	Whether Principal Investigator/Co-investigator
1	Silver (I) Oxide Nanoparticles-Catalyzed Azide-Alkyne Cycloaddition Reaction.	Burdwan University	1 yr. (2016–2017)	50,000.00	PI

Research Scholar:

Name of the Scholar(s)	Title of the thesis	Present status	Name of the Supervisor
Arijit Das 	Synthesis of Nitrogen- and Oxygen-Containing Heterocyclic Compounds	working	Dr. I. Ansary
Parth Sarathi Sengupta 	Mechanism of Amino Acids Substitution and Substitution Matrices: Theory and Practice by Bioinformatics Approaches	working	Dr. A. K. Bandyopadhyay (Dept. of Biotechnology) & Dr. I. Ansary

- **Publication:**

1. Molecular iodine-mediated regioselective synthesis of Pyranocoumarins and Bis-fused Benzo-2*H*-pyran derivatives

   K. C. Majumdar, B. Sinha, **Inul Ansary**, S. Ganai, D. Ghosh, B. Roy, B. Sridhar, *Synthesis* 2014, **46**, 1807 – 1814.

2. Synthesis of substituted quinolines from *N*-aryl-*N*-(2-alkynyl)toluenesulfonamides *via* $FeCl_3$-mediated intramolecular cyclization and concomitant detosylation

   B. Roy, **Inul Ansary**, Srikanta Samanta, K. C. Majumdar

   Tetrahedron Letters **2012**, *53*, 5119 – 5122.

3. An atom-economical approach to the synthesis of potentially bioactive 2*H*-chromenes *via* CuI-catalyzed reactions of alkyl/aryl(*E*)-(*o*-propargyloxy)styryl ketones

   K. C. Majumdar, **Inul Ansary**, Pranab K. Shyam, B. Roy

Synlett **2012**, 1225 – 1229.

4. An unusual one-pot synthesis of 3-benzoylcoumarins and coumarin-3-carbaldehydes from 2-hydroxybenzaldehydes under esterification condition
   K. C. Majumdar, Srikanta Samanta, **Inul Ansary**, B. Roy
   RSC Adv. **2012**, *2*, 2137 – 2143.
5. Regioselective synthesis of pyridoquinolones and pyridocoumarins *via* molecular iodine-mediated 6-*endo*-dig electrophilic cylization
   K. C. Majumdar, **Inul Ansary**, Srikanta Samanta, B. Roy
   Tetrahedron Letters **2011**, *52*, 411 – 414.
6. Aromatic Electrophilic Substitution vs. Intramolecular Wittig Reaction: Vinyltriphenylphosphonium Salt Mediated Synthesis of 4-Carboxyalkyl-8-formyl Coumarins
   K. C. Majumdar, **Inul Ansary**, Srikanta Samanta, B. Roy
   Synlett **2011**, 694 – 698.
7. Substitution Alters the Mode of Molecular Iodine-Mediated Cyclization: Synthesis of Benzoxepine and Benzo-2*H*-pyran Derivatives
   K. C. Majumdar, **Inul Ansary**, Biswajit Sinha, B. Roy, Balasubramanian Sridhar
   Synthesis **2011**, 3287 – 3296.
8. Iodine-Mediated Neighboring Group Assisted Synthesis of Unsymmetrical 1,2-Diketone/Benzil Derivatives from *o*-(Alkynyl)benzamides
   K. C. Majumdar, **Inul Ansary**, Rajendra Narayan De, B. Roy
   Synthesis **2011**, 2951 – 2958.
9. Molecular Iodine-Mediated Intramolecular Cyclization: An Efficient Method for the Synthesis of Benzoxepine Derivatives
   K. C. Majumdar, Biswajit. Sinha, **Inul Ansary**, Santanu Chakravorty
   Synlett **2010**, 1407 – 1411.
10. Columnar Liquid Crystalline phase from a Series of Symmetrical Bent Diphenyl amine Derivatives: Synthesis and Characterization
    K. C. Majumdar, **Inul Ansary,** B. Roy
    Mol. Cryst. Liq. Cryst. **2010**, *518*, 160 – 167.

11. Palladium (0)-Catalyzed Intramolecular Heck Reaction: A Resourceful Route for the Synthesis of Naphthoxepine and Naphthoxocine Derivatives
K. C. Majumdar, **Inul Ansary**, Biswajit Sinha, Buddhadeb Chattophadhyay
Synthesis **2009**, 3593 – 3602.

12. Concise strategy for the synthesis of eleven-membered and ansa-bridged thirteen-membered lactone macrolides by ring-closing metathesis reaction.
K. C. Majumdar, Buddhadeb Chattopadhyay, **Inul Ansary**
Can. J. Chem. **2009**, *87*, 472 – 477.

- **Symposium and Conference attended:**

(a) Poster Presentation:

1. *National Symposium on Organometallic Chemistry and Organic Synthesis (OMCOS-2011)*: "Molecular iodine-mediated synthesis of potentially bioactive heterocycles viz. benzoxepines, pyridoquinolones and pyridocoumarins" by Biswajit Sinha and **Inul Ansary**, in the Department of Chemistry, North-Eastern Hill University, Shillong, *March 28- 29, 2011*.
2. *National Seminar on "Recent Advances in Chemistry"*: Synthesis of substituted quinolines from *N*-aryl-*N*-(2-alkynyl)toluenesulfonamides *via* $FeCl_3$-mediated intramolecular cyclization and concomitant detosylation by **Inul Ansary**, in the Department of Chemistry, Visva-Bharati University, Santiniketan, *March 09, 2014*.

(b) Participation:

1. *National seminar on 'Design, Synthesis, Interactions, Chemical and Biochemical Activities of Different Functional Molecules:* Department of Chemistry, The University of Burdwan, *February 04-06, 2016*.
2. *National seminar on Current Trends in Chemistry-VII (NSCTC-VII:* Department of Chemistry, University of Kalyani, *February 24, 2016*.
3. *National seminar on 'Design, Synthesis, Interactions, Chemical and Biochemical Activities of Different Functional Molecules:* Department of Chemistry, The University of Burdwan, *February 19-21, 2015*.

4. *National Seminar on Current Trends in Chemistry-VI (NSCTC-VI)*: Department of Chemistry, University of Kalyani, *March 02, 2012*.
5. *National Seminar on Current Trends in Chemistry-V (NSCTC-V)*: Department of Chemistry, University of Kalyani, *February 25, 2011*.
6. *Conference on Mesogenic and Feroic Materials (CMFM09)*: Department of Physics, Banaras Hindu University, *January 9-11, 2009*.