

**Brief Curriculum Vitae**  
**Dr. Inul Ansary**

**Personal particulars**

**Name:** INUL ANSARY

**Date of Birth:** May 11, 1983

**Affiliation:** Department of Chemistry, The University of Burdwan,  
Golapbag Campus, P.O. Rajbati, Burdwan-713104, W.B., India.

**Current Designation:** Assistant Professor (Grade-III) in Organic Chemistry

**Nationality:** Indian

**University Profile Info.:** <https://buruniv.irins.org/profile/239651>

**Google Scholar Info.:** <https://scholar.google.com/citations?user=cxzlZY0AAAAJ&hl=en>

**Web of Science ID:** [ABB-3950-2021](#)

**Scopus ID:** [27267468400](#)

**VIDWAN ID:** [239651](#)

**ORCID Info.:** <https://orcid.org/0000-0001-7745-0833>



**Contact Details**

**Email:** [iansary@chem.buruniv.ac.in](mailto:iansary@chem.buruniv.ac.in)

**Fax:** +91-342-2530452/2634200

**Phone:** +91-9832972717

**Education Qualifications**

**B.Sc.** The University of Burdwan

**M.Sc.** University of Calcutta – Rajabazar Science College

**Ph.D.** University of Kalyani

**Experiences**

**Field of Specialization:** Organic Chemistry

**Industrial Research:** June 2006 - August 2007 as a Research Chemist in “Chembiotek Research International Pvt. Ltd.”, Kolkata, India. (**Project Area:** Synthesis of biologically active organic compounds).

**Academic Research:**

- Synthesis and characterization of potentially bioactive heterocyclic compounds and studies of their biological activities. The synthesized compounds are characterized using spectroscopic data such as IR,  $^1\text{H}$ -NMR,  $^{13}\text{C}$ -NMR and high resolution mass spectrometry (HRMS), etc.
- Development and optimization of advanced analytical methods for detecting and quantifying pesticide residues in various food matrices, including fruits, vegetables, grains, and processed foods. Techniques such as gas chromatography (GC), liquid chromatography (LC), and mass spectrometry (MS) are utilized to achieve high sensitivity, accuracy, and specificity.

**Duration:** Nov. 2012 to present

**Teaching Experiences:** P.G. Course (w.e.f. Nov. 2012 to present, 12+ years)

- MSCH103: Heterocyclic Chemistry, Structure-reactivity relationship: A quantitative approach, Green Chemistry
- MSCH203: Reactive intermediates: Free radicals,  $^1\text{H}$ -NMR spectroscopy
- MSCH205: Organic general practical
- MSCH303: Organic photochemistry, Reductions
- MSCH304-M: Medicinal Chemistry
- MSCH305-O:  $^{13}\text{C}$ -NMR spectroscopy, Organometallic Chemistry
- MSCH306-O: Organic major-I practical
- MSCH402: Medicinal Chemistry
- MSCH403-O: Organic photochemistry II, Heterocyclic Chemistry
- MSCH404-O: Asymmetric synthesis, Green Chemistry, Baldwin's rules, Steroids
- MSCH405-O: Organic major-II practical
- MSCH406-O: Organic Project Paper

## Research Project

- **Project Title:** "Silver (I) Oxide Nanoparticles Catalyzed Azide Alkyne Cycloaddition Reaction." **Funding Agency:** Burdwan University, **Duration:** 2016-2017, **Role:** Principal Investigator.

- **Project Title:** “Synthesis, Molecular Docking, and Biological Studies of Indole/Coumarin/Quinolone/Uracil Fused Nitrogen and Oxygen Heterocycles.” **Funding Agency:** DSTBT-GoWB; Sanction No. 48(Sanc.)/ST/P/S&T/15G-2/2018, **Duration:** 2019-2022, **Role:** Principal Investigator.

### Doctoral Students Guided

- Dr. Parth Sarthi Sen Gupta, Ph.D. awarded on 13<sup>th</sup> July 2018.
- Dr. Arijit Das, Ph.D. awarded on 15<sup>th</sup> Feb. 2022.
- Dr. Swagata Mandal, Ph.D. awarded on 28<sup>th</sup> Aug. 2024.
- Dr. Nasrin Jahan, Ph.D. awarded on 16<sup>th</sup> May 2025.
- Hiren Roy, Current Ph.D. scholar

### Master’s Students Guided

- 55 students submitted their project based term paper in M.Sc. final semester course

### Awards & Honors

- **Special Chair:** Judges for District Level Student Youth Science Fair, 2019.
- **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.

### Recent publications

#### Book Chapter:

1. **Inul Ansary** and Abu Taher; ‘One-Pot Synthesis of Coumarin Derivatives’; Chapter 6, Pages 105-138; In Book ‘Phytochemicals in Human Health’ Edited by Venketeshwer Rao, Dennis Mans and Leticia Rao; Publisher: IntechOpen, 2020, ISBN No. 978-1-78985-588-3 (Online).

## Articles:

1. **Inul Ansary\***, Arijit Das, Parth Sarthi Sen Gupta, Amal Kumar Bandyopadhyay\*; Synthesis, molecular modeling of N-acyl benzoazetinones and their docking simulation on fungal modeled target; Synthetic Communications, 2017, 47, 1375-1386.
2. Arijit Das, Hiren Roy, **Inul Ansary\***; Microwave-Assisted, One-Pot Three Component Synthesis of 6-(Pyrrolyl) Coumarin/Quinolone Derivatives Catalyzed by In(III) Chloride; ChemistrySelect, 2018, 3, 9592-9595.
3. **Inul Ansary\***, Hiren Roy, Arijit Das, Debanjan Mitra, Amal Kumar Bandyopadhyay\*; Regioselective Synthesis, Molecular Descriptors of (1,5-Disubstituted 1,2,3-Triazolyl)Coumarin/Quinolone Derivatives and Their Docking Studies against Cancer Targets; ChemistrySelect, 2019, 4, 3486-3494.
4. Arijit Das, Arup Maiti, Mrinalkanti Kundu, Kuldeep K. Roy, **Inul Ansary\***; Dibenzo[b,e]azepin-6-ones and Seven-Membered Sultam Derivatives: Convenient Synthesis via Palladium-Catalyzed Regioselective Intra-molecular Heck Reaction and Application towards Drug-Like Small Molecules; Synthesis, 2019, 51, 3231-3240.
5. Nasrin Jahan, Arijit Das, **Inul Ansary\***; Synthesis of Dibenzo-Fused 15-Membered Dioxo-ketone Macrocycles through Ring-Closing Metathesis Reaction; ChemistrySelect, 2022, 7, e202201831.
6. Nasrin Jahan, **Inul Ansary\***; Synthesis of Bioactive Macrocycles Involving Ring-Closing Metathesis Strategy; SynOpen, 2023, 7, 209-242.
7. Nasrin Jahan, Arkadip Pal, **Inul Ansary\***; Synthesis of Bioactive 1,2,3-Triazole-Fused Macrocycles via Azide-Alkyne Cycloaddition; SynOpen, 2024, 8, 1-38.
8. Swagata Mandal, Rajlakshmi Poi, **Inul Ansary**, Dipak Kumar Hazra, Sudip Bhattacharyya, Rajib Karmakar; Validation of a modified QuEChERS method to determine multiclass multi-pesticide residues in apple, banana and guava using GC–MS and LC–MS/MS and its application in real sample analysis; SN Applied Sciences, 2020, 2, 1-14.
9. Swagata Mandal, Rajlakshmi Poi, Sudip Bhattacharyya, **Inul Ansary**, Subrata Datta Roy, Dipak Kumar Hazra, Rajib Karmakar; Multiclass Multipesticide Residue Analysis in Fish Matrix by a Modified QuEChERS Method Using Gas Chromatography with Mass Spectrometric Determination; Journal of AOAC international, 2020, 103, 62-67.

10. Swagata Mandal, Rajlakshmi Poi, Kaushik Banerjee, **Inul Ansary**, Sudip Bhattacharyya, Dipak Kumar Hazra, Rajarshi Ghosh, Rajib Karmakar; Bioefficacy, residue dynamics and dietary risk assessment of gibberellic acid in improving the potential yield of tomato (*Solanum lycopersicum* L); Environmental Monitoring and Assessment, 2021, 193, 1-10.
11. Swagata Mandal, Rajib Karmakar, Inul Ansary, Dipak Kumar Hazra, Rajlakshmi Poi, Goutam Mandal, Sudip Bhattacharyya; Assessing residues of newly synthesized quinolone derivatives as antifungals for disease management and consumer safety in tomatoes; Food Chemistry Advances, 2023, 3, 100532.
12. Swagata Mandal, Rajlakshmi Poi, Dipak Kumar Hazra, Inul Ansary, Sudip Bhattacharyya, Rajib Karmakar; Review of extraction and detection techniques for the analysis of pesticide residues in fruits to evaluate food safety and make legislative decisions: Challenges and anticipations; Journal of Chromatography B, 2023, 1215, 123587.

## **Declaration**

To the best of my knowledge, I hereby declare that the information provided here are authentic and true.

Dr. Inul Ansary