

CURRICULUM VITAE

Anupama Yadav

Email: anupamayadav2210@gmail.com

Contact No: (+91) 8840173711

RESEARCH INTERESTS

Enthusiastic and curious about the research area dealing with Synthetic Organic Chemistry, Asymmetric Synthesis, Photochemistry, Photo-redox Chemistry, Radical Chemistry, Medicinal chemistry and organometallic catalysis in the synthesis of organic molecules and their potential applications in natural products, and pharmaceuticals.

ACADEMIC QUALIFICATION

2020-2022	Master of Science (Chemistry): University of Lucknow, Lucknow, U.P. (CGPA =7.98/10)
2017-2020	Bachelor of Science (PCM): University of Lucknow, Lucknow, U.P. (Percentage of Marks=64.16%)

RESEARCH EXPERIENCE

Research Scholar

IISER Bhopal

Aug 2024-Mar 2025

Supervisor- Sreenivas Katukojvala

Visible light mediated enantioselective carbene-transfer reactions of Diazoenals

Project Associate

Central Drug Research Institute of India

2023- July 2024

Supervisor- Dr.Namrata Rastogi (Principal Scientist)

Exploring non-canonical secondary structures (G quadruplexes) as alternative targets for malaria intervention

CSIR-Central Drug Research Institute

Master Thesis

2022-2023

Supervisor Dr. Sanjeev K. Shukla (Principal Scientist)

Characterization and Synthesis of Naturally Occurring Alkaloid (β -Carboline)

INTERNSHIP

Aug 2021-September 2021

IIT Indore (Online)

Supervisor-Dr. Sampak Samanta

Characterization and Synthesis of organic molecules.

Learned UV Spectroscopy, IR Spectroscopy, NMR Spectroscopy.

Learned GSMS, HRMS, Column Chromatography

Skill Development Training Program

Oct 2021-Nov 2021

Central Electrochemical Research Institute (CECRI) Karaikudi,

Tamil Nadu, India

Chromatography and Thermal Analysis

CONFERENCE

International Summer Programme 2021 (Osaka University, Japan)

SKILLS

Techniques: Column Chromatography, Thin Layer Chromatograph.

Software: Topspin, Zotero, Chem Draw, MS Word, MS Excel, MS PowerPoint.

Spectroscopy: ^1H , ^{13}C , DEPT

Instrument: Rotary Evaporator,

RELEVANT COURSES

Chemistry: Synthetic Organic Chemistry, Asymmetric Synthesis, Photochemistry, Photoredox Chemistry, Radical Chemistry, Advanced Organic Chemistry, organometallic Chemistry, Reagent Chemistry, Natural product, and Heterocyclic compounds

AWARDS AND HONORS

-Gate 2024 qualified

-Qualified CSIR-UGC NET June 2024 (AIR-44)

