

# Priyanshu Gupta

Graduate Student  
University of Florida  
Florida, USA

## EDUCATION

- University of Florida, Florida** Aug 2025 - present  
*Doctor of Philosophy; Major: Chemistry*
- Indian Institute of Science, Bengaluru** Nov 2021 - Jul 2025  
*Bachelor of Science (Research); Major: Chemistry* CGPA (out of 10): 9.0
- Govt. Boys Senior Secondary School, Delhi** 2021  
*Central Board of Secondary Education (CBSE) Examination (Class 12)* Aggregate: 93.8%
- Govt. Boys Senior Secondary School, Delhi** 2019  
*Central Board of Secondary Education (CBSE) Examination (Class 10)* Aggregate: 91.7%

## PUBLICATIONS

- HFIP-Mediated Ring-Opening of Bicyclo[1.1.0]butanes with Hydroperoxides for the Diastereoselective Access to Peroxycyclobutanes  
**Gupta, P.**; Roy, P.; Biju, A. T. *Org. Lett.* **2025**, *27*, In Press.
- Control Over S(VI)-Stereogenic Center: NHC-Catalyzed Enantioselective Synthesis of N-Acyl Cyclic Sulfonimidamides  
Barik, S.; Paravakkal, F. D.; **Gupta, P.**; Roy, P.; Biju, A. T. *Angew. Chem. Int. Ed.* **2025**, *64*, e202506929
- NHC-Catalyzed Aldimine Umpolung/ $6\pi$ -Electrocyclization Cascade to Access Tetracyclic Dihydrochromeno Indoles.  
Das, R. C.; **Gupta, P.**; Chakraborty, S.; Jindal, G.; Biju, A. T. *Angew. Chem. Int. Ed.* **2025**, *64*, e202416519.

## RESEARCH EXPERIENCE

- Indian Institute of Science** Bengaluru, India  
*BS Thesis* Aug 2024 - Mar 2025  
Advisor: **Prof. A. T. Biju**
  - Title: HFIP-Mediated Ring-Opening of Bicyclo[1.1.0]butanes with Hydroperoxides for the Diastereoselective Access to Peroxycyclobutanes.
- Ruhr-Universität** Bochum, Germany  
*Solvation Scholars Undergraduate Exchange Student* May 2024 - July 2024  
Advisor: **Dr. Mario P. Wiesenfeldt**
  - An exchange student funded by Ruhr Explores SOLVation (RESOLV).
  - Title: Photo-catalyzed semi-hydrogenation of benzenes to cyclohexenes.

## ACHIEVEMENTS

- Graduate Aptitude Test in Engineering (GATE) — Chemistry (CY) | All India Rank: 51** 2024  
Conducted by the Indian Institute of Science.
- Joint Entrance Exam (JEE) — Main | Percentile: 99.1412010** 2021  
JEE is an exam conducted by the National Testing Agency to select students for admission to colleges for undergraduate engineering programs nationwide. The main level is the first round of the selection.
- KVPY SA fellow | All India Rank: 252** 2020  
Kishore Vaigyanik Protsahan Yojana (KVPY) is a fellowship awarded to high-school students by the Department of Science and Technology, Government of India.

## EXTRA-CURRICULAR ACTIVITIES

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- **Facilitator | Yusuf Hamied Chemistry Camp**

Jun 26 - 28, 2023

- Helped out RSC members in experiments shown to school students.
- Showcased a few fun chemistry experiments to school students and explained it to them.

- **Coordinator | Chemenigma, Pravega X**

Mar 2023 - Jan 2024

- Pravega X is the tenth edition of the IISc UG students' annual fest.
- Chemenigma is an event where participants are asked thought-provoking questions about chemistry.
- Prepared question paper with a co-coordinator and managed all the logistics.

## REFERENCES

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**Prof. Akkattu T. Biju**

Professor

Department of Organic Chemistry

Indian Institute of Science

Bangalore - 560012, India

Email: [atbiju@iisc.ac.in](mailto:atbiju@iisc.ac.in)

**Prof. Garima Jindal**

Assistant Professor

Department of Organic Chemistry

Indian Institute of Science

Bangalore - 560012, India

Email: [gjindal@iisc.ac.in](mailto:gjindal@iisc.ac.in)

**Dr. Mario P. Wiesenfeldt**

ECR Group Leader

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