

Mr. Sourav Samanta

Junior Research Fellow

Supervisor- Prof. Swadhin Kumar Mandal

Research Interest- Catalytic Activation and Functionalization small molecules using Reactive Main-group Compounds

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A brief overview about myself:

I joined Prof. Mandal's lab in September 2024 as a SERB project student, after cracking Joint CSIR NET December 2022 - June 2023. I completed my B.Sc. with honours in Chemistry from Prabhat Kumar College (Vidyasagar University) and my M.Sc. from IIT Indore. During postgraduation, I worked on the "development of a sustainable photochemical process to construct the silylated complex molecules" under the supervision of Dr. Selvakumar Sermadurai (assistant professor, department of chemistry, IIT Indore, India). Currently, I am working on the catalytic activation and functionalization of small molecules using reactive main-group compounds.

List of publications:

Ladumor, R.; Samanta, S.; Sermadurai, S. *Adv. Synth. Catal.* **2024**, 366, 1 – 8.