

Mr. Partha Protim Dey

Junior Research Fellow

Supervisor- Prof. Swadhin Kumar Mandal

Research Interest- *Metal-free catalysis*

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A brief overview about myself:

I joined Prof. Mandal's lab in January 2023, after cracking UGC NET-December- 2022. I completed my B.Sc. with honours in Chemistry from Bidhannagar Govt: college, Salt Lake (BNGC), and my M.Sc. from Ramakrishna Mission Residential College, Narendrapur. Currently, I am working on electron transfer through gas molecules and metal-free catalysis. I am expertise in organic synthesis and catalysis and well-experienced in performing catalytic reactions under inert conditions (inside the glovebox and using the Schlenk line). I actively organized international conferences, such as the 1st International Conference on Emerging Trends in Organometallics and Catalysis-2024.

List of publications:

- Biswas, A.; Kolb, S.; Röttger, S. H.; Das, A.; Patalag, L. J.; Dey, P. P.; Sil, S.; Maji, S.; Chakraborty, S.; Bhunia, A.; Werz, D. B.; Mandal, S. K. *Angew. Chem. Int. Ed.* **2025**, e20241647.