

Sariful Molla

Junior Research Fellow

DEPARTMENT OF CHEMISTRY

IISER KOLKATA

sm20rs119@iiserkol.ac.in

Twitter ID: [@I_Sariful](#)

RESEARCH TOPIC

- Design and synthesis of photochromic smart molecules, molecular switches, motors and their applications in electronic devices, chemical biology, etc.

ACADEMIC DETAILS

- Joined **IISER KOLKATA** (THE LIGHT LAB) in Dec 2020 under the guidance of **Prof. Subhajit Bandyopadhyay**.
- M.Sc. chemistry from **IIT Kanpur**, 2018-20
- B.Sc. Chemistry from **VIVEKANANDA COLLEGE**, 2015-18
- Higher Secondary from Fatepur Srinath Institution, **WBCHSE**, West Bengal 2013-15
- High School **WBBSE**, West Bengal 2011-13

SCHOLASTIC ACHIEVEMENTS

- Qualified in National Eligibility Test for junior research fellowship **CSIR NET-JRF** and **GATE**.
- Qualified in Joint Admission test for Master's (**IIT-JAM**) For admission in IITs.
- Cleared **TIFR** entrance test and interview for int. MSc program.
- Recipient of **Inspire Scholarship** by the **DST**, Government of India.

RESEARCH PROJECTS

(1). M.Sc. Project

(Dec 2019- April 2020)

Supervisor Name- **Dr. Dattatraya H. Dethé**, Department of Chemistry, IIT Kanpur

Project Title- "**Total Synthesis of MONOMERINRE: A New Bioactive Tertiary Marine Alkaloid**"

(2). Summer Research Project

(May 2019- July 2019)

Supervisor Name- **Dr. Dattatraya H. Dethé**, Department of Chemistry, IIT Kanpur

Project Title- "**Journey Towards Total Synthesis of (±)-CHONDRILLIN, A Bioactive Marine Compound**"