

Sourav Chandra



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Date of Birth: 05.07.2002

Work Experience:

I had the opportunity to work under **Dr. Amrit Krishna Mitra** (Assistant Professor, Government General Degree College, Singur, WB, India) for a dissertation project on the topic “Wood Ash Chemistry”.

Education:

❖ Master of Science – Chemical Sciences(2023-Present):

Indian Institute of Science Education and Research (IISER) Kolkata, India

❖ Bachelor of Science (Honours) – Chemistry(2020-2023) :

Government General Degree College, Singur

Bardwan University (1st Division) with **CGPA – 9.23**

❖ Pre-University Education:

- Higher Secondary Examination from Dwarhatta Rajeswari Institution with **92.00 %** in 2020
 - Secondary Examination from Dwarhatta Rajeswari Institution with **90.57%** in 2018
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Achievements:

- Qualified NEET-UG in 2019, 2020
- Qualified ICAR-UG in 2020
- Qualified IIT-JAM in 2023
- Qualified CUET in 2023
- Qualified for admission to NIT Silchar, NIT Meghalaya for M.Sc in Chemistry
- Qualified for admission to IISER Kolkata for M.Sc in Chemistry
- Qualified GATE -2024

Conferences and Seminars attended:

- National Symposium on Chemical Sciences 2022 hosted by Department of Chemistry, St. Xavier's College(Autonomous), Kolkata
- Inter IISER-NISER Chemistry Meet-2024(IINCM-2024) on Sustainability & Interdisciplinary in Chemical Sciences organised by IISER Kolkata

Laboratory Skills:

- Experienced in laboratory safety and basic instrumental analysis.
- **Skills:** Quantitative and qualitative analysis of inorganic coordination complexes and organic compounds, crystallisation and column chromatography
- **Synthesis:** Synthesis of inorganic coordination compounds, green synthesis of organic compounds.
- **Equipments:** Have worked with UV-Vis Spectrophotometer, Fluorescence Spectrophotometer, Polarimeter, Rota Vapour, Potentiometer
- Basic understanding of HPLC and NMR machines
- **Software:** Basic understanding of ChemDraw, Fortran, MS-Excel, MS-Powerpoint, MS-Excel