

## Personal information

- ❖ **Name:** Mr. Sayan Bhattacharjee
- ❖ **Father:** Mr. Rana Bhattacharjee
- ❖ **Mother:** Mrs. Sibani Bhattacharjee
- ❖ **Category:** Unreserved
- ❖ **Sex:** Male
- ❖ **Nationality:** Indian
- ❖ **Marital Status:** Unmarried
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- ❖ **Postal address:** Ichapur Majherpara Debitala road, P.O. : Nawabgunj, Dist: North 24 Parganas, State: West Bengal, PIN : 743144
  
- ❖ **Current position:** Research scholar (Aug 2022 – present) at the Department of Chemical Sciences, IISER Kolkata, under the supervision of Dr. Debansu Chaudhuri.



## Academic background

Name of Examination	Board/ University	Subjects	Year of Passing	Marks Obtained*	Full Marks	% of Marks/CGPA
10th Standard	WEST BENGAL BOARD OF SECONDARY EDUCATION	<b>Bengali</b> <b>English</b> <b>Mathematics</b> <b>Life science</b> <b>Physical science</b> <b>Geography</b> <b>History</b>	2015	655	700	93.57
(10+2) Level	WEST BENGAL COUNCIL OF HIGHER SECONDARY EDUCATION	<b>Bengali</b> <b>English</b> <b>Mathematics</b> <b>Chemistry</b> <b>Physics</b> <b>Biology</b>	2017	462	500	92.40
Graduation	UNIVERSITY OF CALCUTTA, SERAMPORE COLLEGE	<b>Chemistry (hons.)</b> <b>Physics (gen.)</b> <b>Mathematics (gen.)</b>	2020	735	800	91.88 (University Rank 1)
Post-graduation (MSc.)	INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR	<b>Chemistry</b>	2022	CGPA 9.75	CGPA 10.00	CGPA 9.75 (Rank 1)
Details of UGC-NET/UGC-CSIR NET (including JRF)/ GATE/IIT-JAM/equivalent national level examination	<b>Qualified CSIR-NET 2021 as JRF (AIR 78)</b> <b>Qualified GATE 2022 (AIR 57)</b> <b>Qualified JAM 2020 (AIR 53)</b>					

## Academic achievements

1. Winner of **Prof. J.C. BOSE GOLD MEDAL** for obtaining the highest CGPA (**RANK 1**) among all successful students of MSc. in all science departments of IIT Kharagpur (2022 batch).
2. Winner of **INSTITUTE SILVER MEDAL** for obtaining the highest CGPA (**RANK 1**) among all successful students of MSc. in chemistry of IIT Kharagpur (2022 batch).
3. Winner of Endowment prize for proficiency on having done the **Best Project Work** among all successful students of MSc. in chemistry of IIT Kharagpur (2022 batch).
4. Secured an **All India Rank-78 (CSIR)** in the Joint CSIR-UGC Test for Junior Research Fellowship and Eligibility for Lectureship: National Eligibility Test (**CSIR-UGC NET 2021**) and selected as **CSIR-JRF** (National level).
5. Qualified in Graduate Aptitude Test in Engineering (**GATE 2022**) with **All India Rank-57**.
6. Qualified in the Joint Admission test for M.Sc. (**JAM 2020**) conducted by IITs with **All India Rank-53**.
7. Secured University **RANK 1** in Chemistry among all successful students of BSc. Three-year honours (1+1+1 system) in 2020 from the University of Calcutta.
8. Achieved **INSPIRE Scholarship** from the Department of Science and Technology, Govt. of India, for being in the top 1% of students in the (10+2) level board examination (2017-2021).

## Research experience

MSc. Project titled *“Synthetic studies towards aromatic precursors of naturally occurring RALs (Resorcylic Acid Lactone)”*

Supervisor: Prof. Samik Nanda, Professor, IIT KHARAGPUR

Duration: 2021-2022

## Research interest

- Supramolecular self-assembly of small organic molecules
- Supramolecular Chirality
- Stereomutation & chiral induction in supramolecular self & co-assemblies

## Skills & expertise

**Laboratory skills:** - UV-visible and fluorescence spectroscopy, CD spectroscopy, Chromatography (column, paper, TLC), liquid-liquid extraction, NMR and FT-IR analysis, UV-visible and fluorescence, Morphological analysis (FESEM, TEM, AFM), Titrimetric analysis, Qualitative inorganic and organic analysis.

**Technical skills:** - Softwares handled: - MS Office, MS Excel, MS PowerPoint, MS Word, MestReNova, Chemdraw Professional, OriginPro.

## Teaching experience

- Conducted the Course titled “General Physical Chemistry (CH1201)” as a teaching assistant (Autumn 2023) at IISER Kolkata.