

# INDRANIL GHOSH

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## Objective

Dedicated MSc Mathematics student with a strong passion for Algebra and its theoretical advancements. Deeply motivated to contribute to mathematical research, collaborative problem-solving, and the ongoing pursuit of knowledge in the field. Striving not only to excel academically but also to grow as an ideal human being—guided by integrity, empathy, and a lifelong commitment to learning and bettering the world around me.

## Education

**Indian Institute of science education and research kolkata, Mohanpur** Aug. 2024 – Present  
*M.Sc. in Mathematics* Kolkata, India

**Ramakrishna Mission Vivekananda Centenary College, Rahara** Sept. 2021 – May 2024  
*B.Sc. in Mathematics with CGPA :- 8.3 out of 10.00* Kolkata, India

**Krishnagar Collegiate Sschool, Krishnagar** May 2019 – June 2021  
*Higher Secondary (XII) (Science) GPA: 90%* Krishnagar, India

## Relevant Subjects

- Linear Algebra
- Group Theory
- Ring Theory
- Modules
- Field Theory
- Representation Theory

## Skills

**Programming Languages:** LATEX, C, C++ , Python  
**Languages:** Bengali , English , Hindi

## Internships and Workshops

**Online Foundation Course in Mathematics (OFCM) 2022** Oct 2022 – Nov 2022  
*Mathematics Training and Talent Search Programme*

**Initiation into Mathematics(Mini MTTS) 2023** April 2023  
*Mathematics Training and Talent Search Programme*

**Workshop on Graph Theory** June 2023  
*Ramakrishna Mission Vivekananda Centenary College*

## Projects and Presentations

### Bachelor's Thesis

*A project on inventory control and study on some operation research model in Fuzzy System.*

- Under the Guidance of Dr. Partha Ray  
Assistant Professor, Ramakrishna mission Vivekananda centenary college.

### Course Presentation

*presented on Reducibility and Irreducibility of Polynomials.*

- Under The Guidance of Dr. Santanu Biswas April 2024.

*presented on Topological Group.*

- Under The Guidance of Dr. Pravanjan Kumar Rana April 2024.

*presented on Fourier Series without Calculas.*

- Under The Guidance of Dr. Soumya Patra April 2023.

## Certifications

- Spoken Tutorial Project, IIT Bombay – Python 3.4.3 Training

## Hobbies

- Reading Bengali Novels.
- Playing Cricket.