



Debjati Pandit

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Bilayet Ali Road, Talpukur (PIN: 700123)
DOB - 14/04/2001

Summary

M.Sc. Chemistry graduate (Physical Chemistry) with nanomaterials research experience and GATE 2025 qualification. Seeking a challenging role in research or academia to contribute through problem-solving, educating and scientific inquiry.

Education

M. Sc in Chemistry (Specialization: Physical Chemistry)

Aug 2024

West Bengal State University, Berunanpukuria, Barasat, West Bengal
Completed Post Graduation with 7.39 CGPA

B. Sc in Chemistry

Aug 2022

Mahadevananda Mahavidyalaya, Barrackpore, West Bengal
Completed Graduation with 9.47 CGPA

Experience

Derozio Memorial College (WBSU)

May 2025 - Present

Department of Chemistry
Ad-hoc Teacher (Physical Chemistry)

Centre for Research in Nanoscience and Nanotechnology (CU)

Apr 2024 - May 2024
(2 months)

Summer Project : "Effect of chain length of capping ligands on guest emission of Zn(Tb)S nanoparticles"
Conducted research on the synthesis and characterization of Zn(Tb)S nanoparticles to investigate the effect of capping ligand chain length on guest emission properties. Utilized techniques such as UV-Vis spectroscopy and fluorescence spectroscopy. Gained experience in nanomaterial synthesis and optical characterization.

Rahara Antorik

Jul 2022 - Present

Science Teacher

Achievements

GATE 2025: Rank 1777

Certificates

Completed CSIR-CGCRI training: water quality testing

Jun 2022

Technical Skills

- Origin
- ChemDraw

Interests

- Nuclear Chemistry
- Quantum Statistical Mechanics
- Emission Spectroscopy
- Nanomaterials

Languages

Bengali, English, Hindi