

Personal Profile

Name: Ms. Sanchita De

Contact: Department of Physics

Bankura Zilla Saradamani Mahila Mahavidyapith

Natunchati , Bankura- 722101, West Bengal, India

Phone no- 8159047962

E Mail : sanchita.de.pinki@gmail.com

Academic Position:

SACT in Physics , Bankura Zilla Saradamani Mahila Mahavidyapith, Bankura, West Bengal, India.

Research Interests:

- Nano materials,
- Nano science
- Semiconductor

Education:

- **M.Sc. (2018 , Vinoba Bhave University, Hazaribag)**
- **B.Ed.**
- **Ph.D (Pursuing)**

Paper Presented:

1. De, S., & Bhattacharjee, B. Facile synthesis of magnesium oxide nanoparticles for effective photocatalytic degradation of dye. Asian Journal of Chemistry, 37(4): 925-930 (2025).

Conferences/ Invited Presentations / Workshops / Other:

1. Sanchita De, Baibaswata Bhattacharjee, "Characterization of Magnesium Oxide Nanoparticles Synthesized by Chemical Co-precipitation Technique", International conference on natural sciences and engineering for sustainable development -2024, Kazi Nazrul University, W.B., India
2. Sanchita De, Baibaswata Bhattacharjee, "Synthesis of Magnesium Oxide nanoparticles employing a facile technique for effective photocatalytic application", International conference on Advances in Computational Mathematics and Applied Physical Sciences[ICACMAPS 2025], G. PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS), KURNOOL, ANDHRA PRADESH, INDIA.

Short Term Courses:

- Participated in 30 hours Certificate Course on "Nanoscience and Nanotechnology" organized by the School of Materials Science and Nanotechnology, Jadavpur University and the Departments of Physics and Chemistry, Sarojini Naidu College for Women, Kolkata, Conducted from 8th August to 13th August 2022.