

Dilip Sao

Assistant Professor in Physics
Dept. of Basic Sciences and Humanities
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PERSONAL INFORMATION

Name Dilip Sao
Date of Birth April 25, 1987
Permanent Address Vill/ P.O.-Patahensal, P.S.-Baghmundi, Purulia
West Bengal-723212, India
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PROFESSIONAL INFORMATION

2015 – 2016 **Assistant Professor of physics (WBES)**
Durgapur Govt.College, Durgapur
2016 – till date **Assistant Professor of physics (WBES)**
Ramkrishna Mahato Govt. Engineering College, Purulia,
Vill: Agharpur, P.O.- Ramamoti, P.S.- Joypur, Dist.- Purulia 723103.

EDUCATION

2011 – 2013 **M.Sc. in Physics**
Completed M.Sc. with first class in 2013,
SN Bose National Centre for Basic Sciences
Saltlake (Sector-3), Kolkata, West Bengal-700106, India.
2008 – 2011 **B.Sc. in Physics(Hons)**
Completed with first class
BB College Asansol, West Bengal-713303, India

ACADEMIC ACHIEVEMENTS/ AWARDS

2012 and 2013 Qualified in National Eligibility Test (NET) in Physical Science.
2013 Qualified in Graduate Aptitude Test in Engineering (GATE) in Physical Science.
2011 Qualified SNBNCBS Entrance test for I-PhD program and secured AIR 1

- 2011 Qualified JNU Entrance test for MSc and secured AIR 1
- 2011 Qualified in JAM (Joint Admission test for M. Sc., an all-India based examination for admission to MSc and Integrated PhD program at Indian Institutes of Technology).
- 2011 Qualified JEST in Physical Science
- 2011 Qualified BHU Entrance test for MSc

Area of Teaching Interest

- Classical Mechanics
- Mathematical Methods
- Quantum Mechanics
- Statistical Mechanics
- Electrodynamics
- Optics

Area of Research Interest

- Optical and Electrical response of noble metal Nano particles and metal semiconductors Nano Composites.

PUBLICATIONS

- 1 **Interplaying Role of Particle Size and Polymer Layer Thickness on the Large Tunable Optical Response of Polymer-coated Silver Nanostructures**
Sao D, Das S, Pramanik S, Kuiri P and Nath R
Plasmonics **16**,1319 (2021)