

Mr. Kanailal Barman

Assistant Professor
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Current Position

Assistant Professor in Physics at Sri Ramkrishna Sarada Vidya Mahapitha (A Govt. approved general degree college affiliated to The University of Burdwan), Hooghly, West Bengal (03rd April, 2017 to till date)

Academic information

- Doctoral Degree: Ph.D. (pursuing) in Science from Department of Physics, Raiganj University, India.
- Post Graduate Education: M. Sc. (2012) in Physics, Department of Physics, IIT Kanpur, Uttar Pradesh, India.
- Undergraduate Education: B. Sc. (2010) in Physics (Hons.), Department of Physics, Panskura Banamali College, Vidyasagar University, West Bengal, India.

Research Awards

- Qualified National Eligibility Test (NET) and Junior Research Fellowship (UGC JRF) 2013 in Physical Science, conducted jointly by University Grant Commission and Council of Scientific and Industrial Research, Govt. of India.

List of Publications

1. “Green synthesis of zinc oxide nanostructure using Azadirachta Indica leaf extract and its structural and microstructural study”
Kanailal Barman, Pinaki Chakraborty and Pijus K Samanta. *Physica Scripta*, 96 (2021) 035704, IF =3.081

Posters/Oral/Papers presented in National / International seminars / conferences / workshop

1. Present a paper on February 01-03,2021 in the International Conference on Nanoscience and Nanotechnology (ICONN 2021) organized by Department of Physics and Nanotechnology, SRM IST, India
2. Present a paper in the 4th International Conference on Science and Engineering of materials(ICSEM-2021) at Department of Physics, School of basic sciences and research, held on July 19-22, 2021.
3. Present a poster in the Two-Day National Level Webinar on “Nanomaterials Physics & Chemistry: Recent Developments & Applications (NPCRDA)” held on 11th &12th of July, 2021 and organized by Department of Physics, Narajole Raj College under the guidance of I.Q.A.C., Narajole Raj College.

National / International seminars / conferences / Science outreach / workshop attended

Research Interest

- ZnO nanomaterials
- Green synthesis
- Structural and optical properties