

## **Mr. Anupam Pramanick**

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 (22<sup>nd</sup> December, 2020 to till date).

### **Academic information**

- Doctoral Degree: Ph.D. (pursuing) in Science from Department of Physics, University of Kalyani, India.
- Post Graduate Education: M. Sc. (2013) in Applied Physics with specialization in Plasma Physics & LASER Technology, Department of Applied Physics, Baba Saheb Bhimrao Ambedkar University (A Central University), Lucknow, India.
- Undergraduate Education: B. Sc. (2010) in Physics (Hons.), Department of Physics, Santipur College, University of Kalyani, India.

### **Research Awards**

- Qualified National Eligibility Test (NET) and Junior Research Fellowship (CSIR-UGC JRF) 2017 (June & December) and 2018 (June & December) in Physical Science, conducted jointly by University Grant Commission and Council of Scientific and Industrial Research, Govt. of India.
- Qualified WB SET-2017 conducted by West Bengal College Service Commission & qualified GATE-2016, 2017, 2018.

### **List of Publications**

- (1) **A. Pramanick** “Simulation of Computer-Generated Hologram Using Fraunhofer Approximation ”*International Journal of Current Trends in Science and Technology*, **2018**, 8,02, 20189-20194.
- (2) **A. Pramanick**, M. Dutta Purkayastha, N. Singh, G. Krishna Dharba and T. Pal Majumder, “Spectroscopic behavior of ZnS nanostructured materials” *Chinese Journal of Physics* **63(2020)** 13-20.
- (3) **A.Pramanick**, S. Ghosh et. al “Observation of blue shift phenomena insemiconducting ZnS nanomaterials upon Ni dopant showing enhanced Dielectricbehavior” *Indian Journal of Physics* (Communicated).
- (4) **A. Pramanick**, S. Ghosh et.al “The Investigation of the blue shift phenomena and dielectric behaviour depending on the dopant concentration of Cobalt in ZnS nano-particle” (communicated).

- (5) A. Pramanick, S.P Gautam “Renewable energy sources and their sustainable development for environment protection, Current Challenges and opportunities” *Springer Nature Proceeding* (communicated).

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

1. Invited Speaker on the topic “*Optical Fibre: Basic, Fabrication and its Application on 11th & 12th June, 2021 on International Symposium, ESMAS-2021*”, organised by Inverts University, Bareilly U.P.- 243123.
2. Present Abstract in Fifth Regional Science and Technology Congress, 2023, Region-3, National Conference on “*Structural and Optical analysis of chemically synthesized ZnO and ZnO-ZnS*” organised by Govt. of W.B. & West Bengal State University on 19th to 20th January, 2023.
3. Present a poster in the 2nd National Physics Meet on “*Influence of Br dopant on the Structural and Optical properties of ZnS nanoparticles*” organised by University of Kalyani on 17th to 18th February. Present Abstract in One-day International Conference on Non-Conventional Renewable Energy: Impact on Environment on “*Renewable energy sources and their sustainable development for environment protection, Current Challenges and opportunities*” organised by Narendrapur Ramkrishna Mission Residential College and others.

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

1. 29th National Conference on Condensed Matter Physics "(CMDAYS2021)" on 10th to 12th December 2021.