

Name of the Faculty: D SRIDEVI, M.Sc., M.Phil.,PhD

Designation: Assistant Professor

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Specialization:

ACHIEVEMENTS

Received fellowship from Jawaharlal Nehru Memorial Fund for Doctoral studies.

MEMBERSHIP

PROJECTS

PUBLICATIONS

National

- Synthesis and Optical Characteristics of ZnO nanocrystals, Bulletin of Material Science Vol.32, No.2 (2009), pp. 1-4.,

International

- Preparation of ZnO Nanoparticles and Nanorods by using CTAB assisted Hydrothermal method, International Journal of Nanotechnology and Applications Vol. 3, No. 2, (2009) 43-48.,
- Enhanced Photoluminescence of ZnS nanoparticles doped with transition and rare earth metallic ions, Chalcogenides Letters Vol. 7, No. 6, 2010, 397-401.,
- Enhanced Optical Properties La doped ZnO nanoparticles, JOAM-Rapid Communications Vol. 4, No. 10, 2010, 1591-1593.,
- Influence of Surfactants on Morphology of CdS Nanorods, Journal of Tenside Surfactants Detergents, Hanser Publications, Germany 48(2011) 3,
- Photocatalytic Activity of Ni doped ZnO Nanoparticles, International Journal of Nanoparticles, Inderscience Publishers, United Kingdom (2011) Vol.4, No.4, 381 - 388,
- Effect of Reaction media on the formation of CdS nanorods, International Journal of Material Research Hanser Publications, Germany 103(2012)3,

SEMINARS/ WORKSHOPS/ CONFERENCE/ SYMPOSIUM

Regional

- Empowering Teachers:Current Technology based Educational contents creation and Delivery using open source free software , 18-20,May 2013, organized by the Department of Physics, D.G. Vaishnav College.
- Winter workshop in Physics, 16-20,December 2013, organized by the Department of Physics,IIT Madras.
- Faculty Development Programme, 18&19, March 2016,organized by Internal Quality Assurance Cell, D.G. Vaishnav College.
- One-Day National Level Workshop for College Teachers in Physics Computer Simulations to Enhance Physics Learning ,DG Vaishnava College,chennai 30 Nov 2018

National

- Eighth National Laser Symposium-Delhi (NLS-08) 7-10 January 2009.Effect of solvents on the morphologies of ZnO Nanomaterials.
- 13thNational conference on Crystal growth, SSN Engineering College-Chennai, 26-29 January 2009, Synthesis of Pure and Ni doped ZnO Nanomaterials.
- NCPLAS, Dr.MGR. Educational and Research Institute University, 15 th February 2013, Hydrothermal Synthesis of ZnS Nanomaterials and their Characterizations.
- NCVMCC, SDNB Vaishnav College for Women, 25&26, February 2014, Synthesis and Characterization of ZnS Nanomaterials.
- NCNMD-2015, SDNB Vaishnav College for Women, 24&25, February 2015, Synthesis and Characterization of Ni doped ZnS Nanomaterials

International

- ICOANN-2010-Karaikudi, March 23-25, Hydrothermal Synthesis of Surfactant assisted ZnO Nanoparticles.
- ICRPP, SDNB Vaishnav College for Women, 23&24,August 2012,Cationic Surfactant assisted Synthesis of ZnO Nanoparticles and Nanorods.
- ICETCST, Bhaktavatsalam Memorial College for Women, 1&2 March, 2013, Synthesis of Cadmium Sulphide Nanomaterials and their Optical Properties.
- International workshop on applications on Internet of Things , 16 July 2019, DG Vaishnav College

RESEARCH GUIDANCE

ADDITIONAL INFORMATION