

Name : Dr. Nisha S Panicker
Designation : Assistant Professor
Department : Physics
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Courses taught : BSc & MSc (all semesters)
Qualifications : MSc, BEd, MPhil, PhD
Area of Research : Organic Semiconductors, Thin films, Vacuum deposition

Peer reviewed international Publications

1. Nisha S Panicker, N Smijesh, Reji Philip and Menon C S, Non-linear optical properties of composite Naphthalocyanine thin films with nanocrystalline morphology, **Materials letters(Elsevier)**, 89 (2012)188-190.
2. Nisha S Panicker and Menon C S, Effects of gamma-ray irradiation and thermal annealing on structural, optical and electrical properties of vacuum deposited vanadyl 2,3-naphthalocyanine thin films, **Journal of Materials Science(Springer)**, 46 (2011) 4479-4486.
3. Nisha S Panicker, Gopinathan T G, Dhanya I and Menon C S, Optical and electrical characterization of Tin(II) 2,3-Naphthalocyanine thin films containing agglomerated spherical particles, **Physica B: Physics of Condensed Mattee(Elsevier)**, 405 (2010) 4556-4560.
4. Dhanya I, Gopinathan T G, Nisha S Panicker and Menon C S, Low temperature effects on electrical and optical properties of TTBnc thin films, **Journal of Non-Crystalline Solids(Elsevier)**, 356 (2010) 160-164.

Conference proceedings

1. NANOSAT-10, April 2010, "Electrical characterization of Tin(II) 2,3 Naphthalocyanine thin films containing agglomerated spherical particles" National conference on advances in Nano Science and Technology. Departments of Basic Sciences and Humanities, Amal Jyothi College of Engineering , Kanjirappally, Kottayam, India.
2. NSNST-2009, March 2009, "Effects of γ -ray irradiation on structural, optical and electrical properties of vacuum deposited vanadyl 2,3-naphthalocyanine thin films" National Seminar on Nanoscience and Technology, P.G. Department of physics, Fatima Mata National College, Kollam, Kerala.
3. NSNANO-2009, October 2009, "Electrical characterization of Tin(II) 2,3 Naphthalocyanine thin films containing agglomerated spherical particles" National Seminar on Recent Advance in Nano Science & Technology, Sree Narayana College, Kollam, Kerala .
4. Spectrum- 2007, March 2007, "Optical and Structural properties of Tin (II) 2,3 naphthalocyanine thin films", National conference on Spectroscopy, Post Graduate and Research Department of Physics, Marthoma College, Thiruvalla.

5. ORGANIC ELECTRONICS -2007, February 2007, “Electrical, Optical and Structural properties of Oligoaniline thin films” National Conference on Organic Semiconductors, Sree Narayana College, Kollam, Kerala.

Seminars and Workshops

1. Workshop on *Dye sensitized solar cells (DSSC)* at DB Pampa college Parumala (22nd July 2017).
2. National seminar on *Green analytical techniques (NASGAT-2015)* at DB College, Sasthamcotta (9th and 10th Sept 2015).
3. National seminar on *Non-Linear Optics, Group Theory and Statistical Mechanics (NLO GSM-2014)* held at DB Pampa college, Parumala on 28-30 April 2014.
4. National seminar on *Applications of Advanced Nano Materials (NSNANO-2014)* at Sree Narayana College, Kollam on 25-26 February 2014.
5. K C Mathew Endowment Lectures 2014 on *Artificial Intelligence* at Bishop Moore College, Mavelikkara 10-11 February 2014
6. National workshop on Plasma Technology in Surface Engineering and Mineral Processing at STAS, MG University, Kottayam, 2-9 June 2009.

Previous experiences in Teaching

Sree Narayana College for Women, Kollam – 1st June 2005 to 31st August 2005

Sree Narayana College, Kollam – 16th August 2013 to 31st March 2015.