LIST OF PUBLICATIONS

Papers


4. K. Sambath, M. Saroja, M. Venkatachalam, K. Rajendran, K. Jagatheeswaran, “Design and Development of a Microcontroller based dip coating machine and Band gap energy determination of ZnO thin film” IEEE Press Publications (accepted for publication, will be indexed in IEEE Explore, April’2012)


Conferences

1. “Controllable synthesis of ZnO nanostructures by simply varying pH value”, Indo-US International conference on “Nanotechnology and Ultrasound” organized by the Department of Physics, St. Joseph College, Trichy, during 12-14 Jan’2011

3. “Hydrothermal synthesis of flower-like ZnO nanostructures and their optical properties”, International Conference on Nanoscience and Nanotechnology, Organized by the Department of Physics, Coimbatore Institute of Technology, India and Cinvestav, Mexico, during 6–8 July’2011

4. “Hydrothermal synthesis of ZnO nanostructures and their optical properties”, International conference on Nanoscience and Technology (COCHIN NANO-2011), organized by the Department of Physics, Cochin University of Science and Technology, Cochin, during 14-17 Aug’2011

5. “Hydrothermal synthesis of ZnO hexagonal nanorod clusters and their optical properties” IEEE Sponsored International Conferences on Nano Science, Technology and Societal Implications (NSTSII1), organized by the Department of Physics, C. V. Raman College of Engineering, Bhubaneswar, Odisha, during 8-10 Dec’2011

6. “Synthesis and characterization of ZnO nano-flakes as semiconductor catalyst for photocatalytic remediation of water pollutants”, International Conference on Advanced Materials (ICAM-2011), organized by the Department of Physics, PSG College of Technology, Coimbatore, during 12-16 Dec’2011


9. “Design and Development of a Microcontroller based dip coating machine and Band gap energy determination of ZnO thin film” in the IEEE Sponsored 4th International Conference on Electronics Computer Technology (ICECT-2012), organized by Vi Institute of Technology, Kanyakumari, during 6-8 Apr’2012 (paper submitted and accepted)

10. Attended the International conference on Nano Science and Technology (Nano Conclave-2011), organized by Confederation of Indian Industries (CII) at Hotel Taj Fishermen Cove, Chennai, on 3rd Nov’2011
11. Attended a course on "Thin film Science and Technology" conducted by the PSG Center for Non-Formal and continuing Education, PSG College of Technology, Coimbatore, during 15-27 Feb’2010

12. Organized One Day National seminar on NanoScience and its Application in the Department of Electronics and Communication Systems, Sri Krishna Arts and Science College, Coimbatore, on 9th Jan’2010