Department of Basic science Publication details

Physics

Sl.No	Name of the Faculty	Number of Papers		Title of the Papers
		National	International	
1	Dr. Anilkumar Bidve	More than 25 Papers		1. Conductivity and Thermal Stability of Pani- Fe2o3 Composites Synthesized By Ex Situ Polymerization Technique. 2. Synthesis and ac conductivity studies of polyaniline-Co3O4 composites prepared by ex situ polymerization technique 3. Conductivity And Thermal Stability of Pani- Fe2o3 Composites Synthesized By In Situ Polymerization Technique 4. A study on synthesis, characterization and dielectric properties of PANI-NiO composites 5. Studies on Synthesis and Characterization of Copper Oxide Doped Polyaniline [CuO/PANI] 6. Some Studies on Structural, Morphological, Electrical & Dielectric Property of Vanadium Pentoxide Doped Polyaniline [V2O5/PANI] 7. Some Studies on Synthesis and Characterization of Zinc Oxide (ZnO) Doped Polyaniline(PANI) 8. Studies on Structural, Morphological, Electrical and Dielectric Property of Tin Oxide Doped Polyaniline [SnO2/PANI] 9. Study of Structural, Morphological, Electrical and Gas Sensing Behavior of CdO/ZnO/Ppy Nanocomposite Thin Films 10. Effect of Substrate Temperature on Porosity and Gas Sensing Behavior of Sb:Sno2 Doped Polypyrrole Thin Films 11. Synthesis, Characterization and Proton Conducting behavior of a Novel Composite films Based on Phosphosilicate / Polypyrrole (PS/PPy) 12. Synthesis, Characterization and Gas Sensing Behavior of Zn_2SnO_4 doped Polypyrrole Nano Composite Thin Films 13. Study of Structural, Morphological, Electrical and Gas Sensing Behavior of CdO/ZnO/Ppy Nanocomposite Thin Films

1	Dr. Vjiaylaxmi Reddy		10	1. Conductivity and Thermal Stability of Pani- Fe2o3 Composites Synthesized By Ex Situ Polymerization Technique. 2. Synthesis and ac conductivity studies of polyaniline-Co3O4 composites prepared by ex situ polymerization technique 3. Conductivity And Thermal Stability of Pani- Fe2o3 Composites Synthesized By In Situ Polymerization Technique 4. A study on synthesis, characterization and dielectric properties of PANI-NiO composites 5. Studies on Synthesis and Characterization of Copper Oxide Doped Polyaniline [CuO/PANI] 6. Some Studies on Structural, Morphological, Electrical & Dielectric Property of Vanadium Pentoxide Doped Polyaniline [V2O5/PANI] 7. Some Studies on Synthesis and Characterization of Zinc Oxide (ZnO) Doped Polyaniline(PANI) 8. Studies on Structural, Morphological, Electrical and Dielectric Property of Tin Oxide Doped Polyaniline [SnO2/PANI] 9. Study of Structural, Morphological, Electrical and Gas Sensing Behavior of CdO/ZnO/Ppy Nanocomposite Thin Films 10. Effect of Substrate Temperature on Porosity and Gas Sensing Behavior of Sb:Sno2 Doped Polypyrrole Thin Films
2	Praveen B Chouri		02	1. Synthesis, Characterization and Proton Conducting behavior of a Novel Composite films Based on Phosphosilicate / Polypyrrole (PS/PPy) 2. Synthesis, Characterization and Gas Sensing Behavior of Zn_2SnO_4 doped Polypyrrole Nano Composite Thin Films
3	Dixya		01	1. Study of Structural, Morphological, Electrical and Gas Sensing Behavior of CdO/ZnO/Ppy Nanocomposite Thin Films