

## Projects Sanctioned 2005-06

1.	SR/S5/NM-12/2005	Investigation of Electronic and Phonon Properties of Nanostructured Materials	Prof. Sankar P. Sanyal Deptt. Of Physics, Materials Physics Laboratory Barkatullah University Bhopal - 462026
2.	SR/S5/NM-14/2005	Biomimetic route to hybrid nano-Composite scaffold for tissue engineering	Dr. Suprabha Nayar Materials Science & Technology Division National Metallurgical Laboratory Jamshedpur - 831007
3.	SR/S5/NM-07/2004	Nanomaterials: Synthesis, characterization and Applications	Prof. Sabu Thomas School of Chemical Sciences Mahatma Gandhi University Priyadarshini Hills PO Kottayam - 686560
4.	SR/S5/NM-13/2005	Carbon nano-tube based materials for electrochemical devices	Dr. T. Prem Kumar Electrochemical Power Systems Division Central Electrochemical Research Institute (CECRI) Karaikudi - 630006
5.	SR/S5/NM-02/2005	Probing nanometer scale dynamics of chromatin fluidity using single molecule force & fluorescence microscopy/spectroscopy	Dr. G.V. Shivashankar National Centre for Biological Sciences TIFR, GKVK Campus Bangalore - 560065
6.	SR/S5/NM-09/2005	Nanostructural materials synthesized by hydrothermal and combustion/microwave routes and their applications	Dr. G.T. Chandrappa Deptt. Of Chemistry Bangalore University Central College Campus Bangalore - 560001
7.	SR/S5/NM-01/2005	Engineering nanoscale materials and their application in nanotechnology	Dr. Arun Chattopadhyay Centre for Nanotechnology IIT-Guwahati North Guwahati Guwahati - 781039
8.	SR/S5/NM-15/2005	Synthesis and characterization of transition metal doped BaTiO <sub>3</sub> nanoparticles	Dr. Tapas Kumar Kundu Deptt. Of Physics Visva Bharati Santiniketan - 731235
9.	SR/S5/NM-04/2005	Synthesis and characterization of nanostructured materials for functional (magnetic, sensor, opto-electronic and chemical) and structural (hard coating and heterostructure) applications	Prof. Indranil Manna Deptt. Of Metallurgical & Materials Engineering IIT-Kharagpur Kharagpur - 721302
10.	SR/S5/NM-32/2005	Design and development of super hard graded nanocomposite coatings for industrial applications & Functional nanocomposite ceramic coatings: Fabrication, characterization & applications	Dr. Ramesh Chandra Deptt. Of Physics, Institute Instrumentation Centre IIT-Roorkee Roorkee - 247667

11.	SR/S5/NM-43/2005	Investigation of the synthesis and characterization of functional/multi-component nanostructured (nanotube/nanorod/nanoribbon/nanowires) polyaniline based materials	Dr. A. Gopalan Deptt. Of Industrial Chemistry Alagappa University Karaikudi - 630003
12.	SR/S5/NM-34/2005	Semiconductor Nanostructures	Prof. J. Kumar Crystal Growth Centre Anna University Chennai - 600025