

Projects Sanctioned - 2006-07

1.	SR/S5/NM-45/2005	Nanophosphors for flat panel displays and quantum well structures grown by pulsed laser deposition technique	Dr. M.K. Jayaraj Deptt. Of Physics Cochin University of Science & Technology Kochi - 682022
2.	SR/S5/NM-37/2005	Centre for Protein Nanoscience	Dr. P. Gautam Centre for Biotechnology Anna University Chennai - 600025
3.	SR/S5/NM-35/2005	Synthesis and characterization of carbon nanotubnes using mesoporous MCM-41 molecular sieves - its application for memory devices in supercomputer	Dr. A. Pandurangan Deptt. Of Chemistry, College of Engineering Anna University Guindy Campus Chennai - 600025
4.	SR/S5/NM-33/2005	Synthesis of Semiconductor nanoparticles for harnessing magnetic and optical properties	Prof. A. Choudhury Deptt. Of Physics Tezpur University Napaam Tezpur - 784025
5.	SR/S5/NM-54/2006	Mechanosynthesis and mechanical thermal synthesis of in-situ Aluminium based nanocomposites and their characterization	Prof. Siddhartha Das Deptt. Of Metallurgical & Materials Engineering IIT-Kharagpur Kharagpur - 721302
6.	SR/S5/NM-72/2003	Designing and generation of novel efficient biotags and drug-carriers (nano gold, Fe ₂ O ₃ and doped Y ₂ O ₃) via Sol-Gel Process (with and without reverse micelles)	Dr. Anjana Pandey Centre for Biotechnology Allahabad University Allahabad - 211002
7.	SR/S5/NM-39/2006	Silver Nanoparticles - Potential applications in Sericulture	Dr. G. Singaravelu Deptt. Of Zoology Thiruvalluvar University Fort Campus Vellore - 632004
8.	SR/S5/NM-33/2006	Decay dynamics of nanomaterials for nanophotonic and biophotonic applications	Dr. Amitava Patra Deptt. Of Materrials Science IACS Jadavpur Kolkata - 700032
9.	SR/S5/NM-93/2006	Magnetic Nanoparticle: thin Film (functional) Hybrid Systems	Dr. S.B. Ogale Deptt. Of Physical & Materials Chemistry National Chemical Laboratory Dr. Homi Bhabha Road Pune - 411008
10.	SR/S5/NM-70/2003	Nanophosphor-Tagged-Nanogold Immunoglobulin Conjugates in molecular characterization of Lysosomal Transport Vesicles - A Proteomics based study & Detection of herbicides and heavy metals - contaminants in polluted	Prof. D.K Gupta & Dr. Shanthly Sundaram Allahabad University Allahabad - 211002

		waters : Construction of a PSII based bio	
11.	SR/S5/NM-80/2006	Development of nanostructured transducers for amperometric and microgravimetric sensing applications	Dr. C. Retna Raj Deptt. Of Chemistry IIT-Kharagpur Kharagpur - 721302
12.	SR/S5/NM-07/2006	Tissue Engineering	Dr. S. Swaminathan Centre for Nanotechnology & Advanced Biomaterials, School of Chemical & Biotechnology SASTRA Vallam Thanjavur - 613402
13.	SR/S5/NM-52/2006	Preparation and characterization of nanosized TiO ₂ and studies on its photodegradation capability of model organic pollutants	Dr. Meenal Kowshik Deptt. Of Biology Birla Institute of Technology & Science Goa Campus, NH-17B Zuarinagar - 403726
14.	SR/S5/NM-81/2006	Functional nanomaterials of n-conjugated molecules	Dr. A Ajayaghosh Photosciences & Photonic Group Regional Research Laboratory Trivandrum - 695019
15.	SR/S5/NM-12/2006	A Study on nanostructured metal oxides preparation, characterization and the effects of swift heavy ion irradiation for possible applications in photoelectrochemical splitting of water	Dr. Sahab Dass Deptt. Of Chemistry Dayalbagh Educational Institute Dayalbagh Agra - 282005
16.	SR/S5/NM-47/2006	Star-burst, linear and cross-linked macromolecule-metal nanoparticle hybrids as efficient recyclable catalysts	Prof. Vadapalli Chandrasekhar Deptt. Of Chemistry IIT-Kanpur Kanpur-208016
17.	SR/S5/NM-82/2006	Functional organic and bionanomaterials: Synthesis, characterization and evaluation	Dr. V.R. Pedireddi Div. of Organic Chemistry National Chemical Laboratory Dr. Homi Bhabha Road, Pashan Pune-411008
18.	SR/S5/NM-99/2006	Decoding the hydrogen-bonding networks in stimuli-responsive Poly-N-Acrylamids	Dr. G.J. Sanjayan Div. of Organic Synthesis National Chemical Laboratory Dr. Homi Bhabha Road, Pashan Pune-411008