

## Projects Sanctioned 2004-05

1.	SR/S5/NM-84/2003	Investigation on the liquid crystalline phases of cation induced compacted and nanostructured DNA:implications for gene therapy	Dr. C.K.S. Pillai Polymer Science Division Regional Research Laboratory Industrial Estate PO Thiruvananthapuram - 695019
2.	SR/S5/NM-83/2003	Synthesis & Photochemistry of composite metal semiconductor nanostructured materials	Prof. Anil Kumar Deptt. of Chemistry Indian Institute of Technology Roorkee - 247667
3.	SR/S5/NM-11/2003	Preparation & Characterization of bio-polymeric Nano-particles with potential for usage in laser Immuno-assay and drug delivery	Prof. H.B. Bohidar School of Physical Sciences Jawaharlal Nehru University New Delhi - 110067
4.	SR/S5/NM-64/2003	Functionalised carbon nanotube sol-gel composite materials for chemical and biosensor fabrication and applications	Prof. Sriman Narayanan Deptt.of Analytical Chemistry Madras University Guindy Campus Chennai - 600025
5.	SR/S5/NM-32/2003	Study of photoconductivity and photoluminescence of certain nanostructured materials	Prof. M. Abdul Khadar Deptt.of Physics Kerala University Kariavattom PO Thiruvananthapuram - 695581
6.	SR/S5/NM-75/2003	Phase transformation studies in nano-embedded materials	Prof. Kamanio Chattopadhyay Materials Research Centre Indian Institute of Science Bangalore - 560012
7.	SR/S5/NM-82/2003	Efficient Utilisation of Platinum nanoparticle enriched - substituted polyaniline network composite electrodes towards electrocatalytic applications	Prof. K. Chandrasekara Pillai Deptt.of Physical Chemistry Madras University Guindy Campus Chennai - 600025
8.	SR/S5/NM-40/2003	Synthesis and preparation of nanoparticle secondary cell materials of spinel structure and their compatibility to intercalation process	Prof. T. Vasudevan Deptt. Of Industrial Chemistry Alagappa University Karaikudi - 630003
9.	SR/S5/NM-48/2003	Linear and nonlinear optical studies of metal/organic nanoparticles and ultrathin films	Prof. T.P. Radhikrishnan School of Chemistry Hyderabad University Central University PO Hyderabad - 500046
10.	SR/S5/NM-79/2003	Development and characterization of CdSe, CdS and CdTe nanocrystalline embedded in borosilicate glass matrix	Prof. P.K. Bhatnagar Deptt. Of Electronics Sciences Delhi University Beneto Juarez Road, South Campus New Delhi - 110021
11.	SR/S5/NM-17/2004	Synthesis of water-soluble carbon nanotubes with tripodal ("Y" or "T" Types) tetrapodal, pentapodal and other novel junctions	Prof. Sabyasachi Sarkar Deptt. of Chemistry Indian Institute of Technology Kanpur - 208016
12.	SR/S5/NM-	Study of molecular motors for	Dr. Lalit. M. Bharadwaj

	88/2003	targeted drug delivery and nanomolecular switching	Biomolecular Electronics & Nanotechnology Central Scientific Instruments Organisation Sector 30-C Chandigarh - 160030
13.	SR/S5/NM-68/2003	Nanocomposite thin films of Si-C-N system for wear resistance and functional application by magnetron sputtering	Dr.(Mrs.) S.K. Mishra M.S.T. Division National Metallurgical Laboratory Jamshedpur - 831007
14.	SR/S5/NM-14/2003	Some conducting polymer/binary polymer - Inorganic hybrid nanocomposite materials	Prof. Mukul Biswas Deptt. Of Chemistry Presidency College 86/1, College Street Kolkata - 700073
15.	SR/S5/NM-52/2003	Studies on development, microstructural analysis and physical properties of Aligned Carbon nanotubes and composites by CVD method	Prof. L.M. Manocha Deptt. of Materials Science Sardar Patel University Vallabh Vidyanagar - 388120
16.	SR/S5/NM-77/2002	Study of optical and mechanical properties of nanophase material	Dr. Ramesh Chandra Instrumentation Centre Indian Institute of Technology Roorkee - 247667
17.	SR/S5/NM-03/2003	Nanocrystalline GaN Films: Preparation and Prospect for LED application	Prof. A.K. Pal Deptt. of Materials Science Indian Association for the Cultivation of Science Kolkata - 700032
18.	SR/S5/NM-60/2003	Fabrication and characterization of molecule-based nanostructures	Dr. Subhasis Ghosh School of Physical Sciences Jawaharlal Nehru University New Delhi - 110067
19.	SR/S5/NM-86/2003	Development of nano-silicon structures as new quantum effect materials by ICP-CVD	Dr. Debajyoti Das Energy Research Unit Indian Association for the Cultivation of Science Jadavpur Kolkata - 700032