Scheme: Research & Development Support (SERC)
Programme: Nanoscience & Technology Initiative (NSTI)
Projects Sanctioned during 2002-03

Sl. No.	Sanction No. Date of Sanction (M/D/Y)	Project Title	Project Investigator & Address	Sanctioned Cost
1.	SR/S5/NM-03/2002 6/18/02	Synthesis of Nano-sized Metastable oxide solid solutions and studies of their properties.	Prof. Panchanan Pramanik Chemistry IIT Kharagpur - 721302	3843800
2.	SR/S5/NM-39/2002 7/2/02	Investigations of the properties and phenomena exhibited by Nanomaterials: nanofabrication, lithography and related aspects.	Prof. G.U. Kulkarni JNU Cen. for Adv. Scientific Res. Bangalore - 560064	13100000
3.	SR/S5/NM-63/2002 8/7/02	Combinational DNA chips coupled with nanoparticle probe for scanometric detection.	Dr. Subho Mozumdar Chemistry University of Delhi Delhi - 110007	4534000
4.	SR/S5/NM-13/2002 8/23/02	Metal nanocluster doped coloured coatings on glasses and plastics using Sol-Gel Techniques.	Dr. Gautam De Central Glass and Ceramic Res. Instt. Kolkata - 700032	828600
5.	SR/S5/NM-09/2002 8/23/02	Investigation of complex metal based nanosized using the reverse micellar, polymeric precursor and hydrothermal routes.	Dr. Ashok K. Ganguli Chemistry IIT New Delhi - 110016	500000
6.	SR/S5/NM-84/2002 8/28/1902	Optical and Morphological investigations of nanoparticles using scanning near field Optical Microscopy(SNOM).	Prof.(Mrs) S.K. Kulkarni Physics Univ. of Poona Pune - 411007	946800
7.	SR/S5/NM-69/2002 8/28/02	Indian instt.of Science Nano science and Technology initiative.	Prof. A.K. Raychaudhuri Physics IISC Bangalore - 560012	25500000
8.	SR/S5/NM-67/2002 8/28/02	DNA-Gold/Silver composite Nanoparticles: Design, Assembly and Functionalisation.	Dr. K.N. Ganesh Organic Chemistry NCL Pune - 411008	10200000
9.	SR/S5/NM-41/2002 9/30/02	Nanoparticles, nanowires and nanofilms: Synthesis, characterization, self assembly and patterning.	Prof. D.C. Agarwal Materials science programme IIT Kanpur - 208016	3846225
10.	SR/S5/NM-73/2002 10/9/02	Self-assembly of dendritic nanoreactors on electrode surfaces - The case of electrocatalysis.	Dr(Mrs) Sheela Berchmans Electrodics & Electrocatalysis Div Cen. Electrochemical Res. instt. Karaikudi - 630003	1680000
11.	SR/S5/NM-23/2002 10/29/02	Magnetic and electrical properties of nanostructured and nanocomposite magnetic materials.	Prof. A. Narayanasamy Nuclear Physics Univ. of Madras Chennai - 600025	890400

12.	SR/S5/NM-31/2002 11/13/02	Application of semiconductor and metal nanoparticles in photoelectrochemistry and catalysis.	Dr.R. Ramaraj Sch. of Chemistry Madurai Kamraj University Madurai - 625021	1305000
13.	SR/S5/NM-45/2002 11/22/02	Investigating the influence of micro/nano structures of the dispersed crystalline phase in glasses on their mechanical behaviour.	Dr. R.K. Mandal Metallurgical Engg. BHU Varanasi - 221005	3122000
14.	SR/S5/NM-59/2002 11/26/02	A new approach for the development of nanocrystalline apinel ferrite	Dr. Tapas Kumar Kundu Physics Vidyasagar University Midnapore - 721102	900000
15.	SR/S5/NM-72/2002 11/28/02	Synthesis and characterization of iron/nickel based nanomaterials using gas reduction and coating techniques.	DR(Mrs) Vijaya Agarwala Metallurgical & Materials Engg. IIT Roorkee - 247667	1765200
16.	SR/S5/NM-42/2002 12/2/02	Single molecule and interfacial processes in nanobiology.	Dr. S.V. Ramanan AU-KBC Res. Cen. Anna University Chennai - 600044	9763000
17.	SR/S5/NM-37/2002 10/12/02	Structural electronic and gas-sensing properties of SnO2 Ag composite nanoparticle thin films.	Dr. B.R. Mehta Physics IIT New Delhi - 110016	2900000
18.	SR/S5/NM-16/2002 12/19/02	Nanomaterials and nanotechnology-processes, characterization and applications.	Prof. K. Prasad Rao Metallurgical Engg. IIT Chennai - 600036	10500000
19.	SR/S5/NM-94/2002 1/17/03		Prof. A.K. Raychaudhuri Physics iiSC Bangalore - 560012	1384000
20.	SR/S5/NM-19/2002 1/29/03	lithium nanoferrites by chemical method.	Dr. S.C. Watawe physics IT Instt.of P.G. Teaching and Res. Ratnagiri - 415612	761000
21.	SR/S5/NM-10/2002 2/6/03	synthesis and characterization of nanocomposites involving a disordered medium.	Prof. D. Chakraborty IACS Kolkata - 700032	30190000
22.	SR/S5/NM-78/2002 2/6/03	Development and tailoring of properties of Al based amorphous alloys through evolution of nanophases.	Dr. K.L. Sahoo National metallurgical Laboratory Jamshedpur - 831007	984000
23.	SR/S5/NM-91/2002 2/4/03	Development of nanocrystalling materials of different processing routes.	Prof. S.K. Sebi metallurgical & Materials Engg. IIT Kharagpur - 721302	8400000
24.	SP/S3/NM-02/2000 4/18/02	Synthesis of Nano-Sized Titanium Dioxide (TiO2) from Naturally available ilmenite Ores.	Dr. Panchanan Pramanik Chemistry IIT Kharagpur - 721302	1920800