

**Projects Sanctioned 2008-2009 (31<sup>st</sup> March, 2009)**

<b>Sl. No.</b>	<b>Sanc. No.</b>	<b>Title</b>	<b>PI &amp; Add</b>
1	SR/NM/PG-04/2007	PG Teaching Programmes (M.Sc. - Duration 2 Years) in Nano Science and Technology with an annual intake of 15 students	Prof. S.S.Sekhon Deptt.of Applied Physics Guru Nanak Dev University Amritsar-143005
2	SR/NM/PG-16/2007	PG Teaching Programmes (M.Tech. - Duration 2 Years) in Nano Science and Technology with an annual intake of 20 students	Dr. S. Swaminathan Centre for Nanotechnology and Advanced Biomaterials SASTRA University Thanjavur-613402
3	IR/S2/PF-02/2007	Augmentation of computing resources for simulation and data analysis at the inter university accelerator centre	Dr. Sumit Mookerjee Inter University Accelerator Centre Post Box No. 10502, Aruna Asaf Ali Marg New Delhi-110067
4	SR/NM/NS-23/2007	Nanostructuring by erergentic ion beams	Dr. D.K. Avasthi Inter University Accelerator Centre Post Box 10502, Aruna Asaf Ali Marg New Delhi-110067
5	SR/NM/NS-07/2008	Ferric pyrophosphate nanoparticles: Feasibility, bioavailability and toxicity assessments	Dr. Amit Kumar Mandal Molecular Medicine and Clinical Proteomics St. John's Research Institute Sarjapur Road Bangalore-560034
6	SR/NM/NS-28/2007	Novel strategies to use nanotechnology methods in cellular & clinical oncology	Prof. Anjan Kumar Dasgupta Deptt. of Biochemistry Calcutta University 35, Ballygunge Circular Road Kolkata-700019
7	SR/NM/PG-01/2007	PG Teaching Programmes (M.Tech. - Duration 2 Years) in Nano Science and Technology with an annual intake of 20 students	Dr. Ashok Chaudhury Deptt.of Bio & Nano Technology Guru Jambheshwar University of Science & Technology Hisar-125001
8	SR/NM/PG-21/2007	PG Teaching Programme (Integrated M.Tech-Duration 3 Years) in Nano Science and Technology at University of Delhi	Prof. S. Annapoorni Department of Physics & Astrophysics, University of Delhi

			Delhi-110007
9	SR/S5/RFNS-01/2008	Ramanna Fellowship	Prof. TP Radhkrishnan School of Chemistry University of Hyderabad Central University P.O. Hyderabad-500 046
10	SR/S5/NM-07/2007	Development of bulk nano-crystalline materials: Nanoparticle synthesis and consolidation	Dr. BS Murthy Department of Metallurgical & Materials Engineering IIT Madras Chennai-600 036
11	SR/NM/PG-06/2007	PG Teaching Programme (Integrated M.Tech-Duration 3 Years) in Nano Science and Technology at VIT University,Vellore	Prof. JP Raina Dean School of Electrical Sciences Vellore Institute of Technology University Vellore-630 014
12	SR/NM/PG-02/2007	PG Teaching Programmes (M.Sc. Nano Physics-Duration 2 Years) in Nano Science and Technology at Osmania University, Hyderabad	Prof. S. Ramana Murthy Osmania University Hyderabad
13	SR/NM/NAT-02/2007	Preparation of Silicon Sheets by Capillary Action Shaping Technique (CAST) for Solar Cell Applications	Prof. RC Verma Panjabi University Patiala
14	SR/NM/NAT-02/2007	Preparation of Silicon Sheets by Capillary Action Shaping Technique (CAST) for Solar Cell Applications	Dr. Shrut Aggrawal Guru Govind Singh University Delhi
15	SR/S5/NM-24/2007	Potential use of Nanoparticles for DNA Vaccine in fish model to control bacterial and viral diseases	Dr A Sait Sahul Hameed Aquaculture Biotechnology Division, Department of Zoology C.Abdul Hakeem College Melvisharam-632509
16	SR/S5/NM-24/2007	Potential use of Nanoparticles for DNA Vaccine in fish model to control bacterial and viral diseases	Dr. K. Pandian Department of Inorganic Chemistry School of Chemical Sciences University of Madras Chennai-600025
17	SR/NM/PG-02/2008	P.G. Teaching Programmes(M.Tech. Nano Medical Science) at Nano Science and Technology At Amrita Institute of Medical Sciences	Dr. Shantikumar V Nair Amrita Centre for Nanosciences, Amrita Vishwa Vidyapeetham Elamakkara P.O. Kochi Kochi-682 026

18	SR/NM/NS-31/2007	Detection of Latent Fingerprints by Nanoparticles-size Compositions	Dr. G.S. Sodhi Department of Chemistry SGTB Khalsa College University of Delhi New Delhi- 110016
19	SR/NM/NS-16/2007	Photoinduced reactions between Nanosized Quantum Dots of CdTe and porphyrins/rins/Metallo-Porphyrins	Dr. R. Renganathan School of Chemistry Bharathidasan University Palkalaiperur Tiruchirapalli -620024
20	SR/S5/NM-14/2007	Theoretical Investigations of Photophysics and Photo Chemistry of DNA using metal nano particles	Dr. Harjinder Singh Centre for Computational Natural Sciences and Bioinformatics IIIT Gachibowli Hyderabad-500032
21	SR/S5/NM-14/2007	Theoretical Investigations of Photophysics and Photo Chemistry of DNA using metal nano particles	Dr. Biman Bagchi Solid State and Structural Chemistry Unit Indian Institute of Science Bangalore-560012
22	SR/S5/NM-21/2007	Synthesis and Applications of Nanoparticles in Ionic Liquids	Prof. Manikrao M Salunkhe Department of Chemistry Shivaji University Kolhapur-416004
23	SR/NM/PG-11/2007	P.G. Teaching Programmes(M.Tech. Nano Technology) in Nano Science and Technology at Z.H. College of Engineering & Technology, Aligarh Muslim University,	Prof. SAH Naqvi Department of Applied Physics Z.H. College of Engineering & Technology Aligarh Muslim University Aligarh-202002
24	SR/NM/INST-Mohali/2008	Institute of Nano Science & Technology(INST) Mohali	Prof. N. Sathymurthy Indian Institute of Science Education and Rereach Transit Campus: MGSIPAP Complex, Sector 26 Chandigarh- -60019
25	SR/NM/NS-06/2007	Measurement of Optical Non-Linerarities in Wide Bandgap II-IV Semiconductor Quantum Dots Suitable for All-Optical Switching Devices	Dr. P.K. Bhatnagar Department of Electronic Science Delhi University South Campus Benito Jaurez Road New Delhi-110021

26	SR/NM/NS-02/2007	Effect of Interface Morphology and Spatial Distribution of Nanoparticles on Optical and Thermal Properties of Polymer Nanocomposites	Dr. Jaydeep K Basu Department of Physics Indian Institute of Science Bangalore- 560 012
27	SR/NM/NS-47/2008	Development of novel drug carriers for effective treatment of cancer by way of targeting	Dr. N Udupa Manipal College of Pharmaceutical Sciences Madhav Nagar Manipal-576104.
28	SR/S5/NM-92/2006	Synthesis of Single-Molecule magnets: A molecular approach to nanoscale magnetic materials	Dr. Mukkamala Saratchandra Babu Department of Chemistry College of Science GITAM University Gandhinagar Campus Rushikonda Visaphapatnam-530045.
29	SR/NM/NS-01/2007	Targeted Drug Delivery of nanoparticulate formulations of Methylglyoxal and Assessment of their Antitumor Activities	Prof. Manju Ray Department of Biological Chemistry Indian Association of Cultivation of Science Jadavpur, Kolkata-70 032.
30	SR/NM/PG-01/2008	P.G. Teaching Programme (M.Sc./M.Tech.) in Nano Science and Technology-M.Sc. Nanoscience and Nanotechnology Course at Sri Sathya Sai University, Vidyagiri Prassanthi Nilayam, Anantapur District, Andhra Pradesh 515134	Dr. K. Venkatramanah Dean Science Faculty and Head Department of Physics Sathya Sai University, Vidyagiri Prassanthi Nilayam, Anantapur District, Andhra Pradesh 515134
31	SR/NM/NS-22/2008	Growth and characterization of nanostructured materials and its applications	Dr. MK Jayaraj Department of Physics Cochin University of Science & Technology Kochi-682002.
32	SR/NM/NS-50/2008	Interactions of carbon nanoparticles and their chemically modified forms with cells and organs in vitro and in vivo	Dr. Rajiv K. Saxena School of Life Sciences Jawaharlal Nehru University New Delhi-110067.
33	SR/NM/NS-27/2008	Synthesis and characterization of nanomaterials for engineering applications	Dr. T. Srinivasa Rao Department of Metallurgical and Materials Engineering National Institute of Technology Tiruchirapalli-620015.
34	SR/NM/PG-04/2008	P.G. Teaching Programme (M.Sc./M.Tech.) in Nano Science and Technology at Karunya University Karunya Nagar Coimbatore	Dr. B.C. Pillai Dean Research Karunya University Karunya Nagar Coimbatore-41114
35	SR/NM/PG-07/2008	P.G. Teaching Programme (M.Sc./M.Tech.) in Nano Science and Technology at Kuvempu	Dr. H.S. Bhojya Naik Department of PG Studies and Research in Industrial

		University, Shankaraghatta Shimoga	Chemistry, Kuvempu University, Shankaraghatta Shimoga-577 451.
36	SR/NM/NS-45/2007	Investigations of Magnetic, Optical and Electrical properties of nanomaterials: Synthesis, characterization and applications	Dr. S. Annapoorni Department of Physics & Astrophysics University of Delhi Delhi-110007.
37	SR/NM/NS-112/2008	Development of high temperature resistant polymeric nano fibers for flexible polymer electrode and membrane application	Dr. ( Mrs.) R. Vasanthakumari Department of Polymer Technology, BSA Crescent Engineering College GST Road Vandalur Chennai-600048
38	SR/NM/NS-32/2008	Computer aided design of dendrimeric nanoparticles for anti-diabetic drug delivery	Dr. P.V. Bharatam Department of Medicinal Chemistry National Institute of Pharmaceutical Educational & Research (NIPER) Sector-67, S.A.S. Nagar Mohali-160 062.
39	SR/NM/NAT-18/2008	Creation of a Centre for Knowledge Management of Nanoscience and Technology (CKMNT) International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), Hyderabad	Dr. S.V. Joshi International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI) Hyderabad-500 005.
40	SR/NM/NS-11/2008	Biodegradable Polymeric Composites based on Cellulose Nanoparticles: An Alternative to Petroleum-Based Polymer Composites	Dr. Shashi D. Baruah Department of Natural Gas North East Institute of Science & Technology Jorhat-785 006.
41	SR/DST-NIMITLI/HDPDP/2007	Developmen of next gen. Plasma Display Panel (PDP) Technology and a 50 inch High Difinition (HD) PDP TV Demonstrator	Dr. Yogeswar Rao Head TNBD Division Council of Scientific & Industrial Research (CSIR) Anusandhan Bhavan Rafi Marg New Delhi-110 001.
42	SR/NM/NAT-04/2007	Nano Technology for Biomedical Applications	Dr. Lalji Singh Director Centre for Cellular Microbiology Uppal Road Hyderabad-500 007.