

## LIST OF PROJECTS RECEIVED

Upto 31.05.2009

S.No.	File No.	Title	Name & Address
1.	SR/NM/NS-01/2009	Investigations on alkali halide based dielectric materials of nanoparticle aggregation.	Dr. C.K. Mahadevan Department of Physics S.T. Hindu College Nagercoil-629002 <a href="mailto:mahadevan@yahoo.co.in">mahadevan@yahoo.co.in</a>
2.	SR/NM/NS-02/2009	Computer modeling of nanocrystalline materials.	Prof. Satya Prakask Department of Physics Panjab University Chandigarh-160001 <a href="mailto:profsprakash@hotmail.com">profsprakash@hotmail.com</a>
3.	SR/NM/NS-03/2009	Ultrasonic assisted insitu electrodeposition of nano-TiO <sub>2</sub> for high efficiency dye sensitised solar cells.	Dr. P. Shakkthivel Department of Nanoscience and Technology Alagappa University Karaikudi-630003 <a href="mailto:apsakthivel@yahoo.com">apsakthivel@yahoo.com</a>
4.	SR/NM/NS-04/2009	Sustained Release of Methotrexate from Chitosan Reinforced Alginate Nanocapsules.	Dr. Arpita Bhattacharya Amity Institute of Nanotechnology Amity University Sector-125,Noida <a href="mailto:abhattacharya@amity.edu">abhattacharya@amity.edu</a>
5.	SR/NM/NS-05/2009	Development of label-free SPR biochips for biosensing of selected pathogens.	Dr. Praveen Singh Biophysics and Electron Microscopy Section Indian Veterinary Research Institute Izatnagar-243122 <a href="mailto:psingh67@yahoo.com">psingh67@yahoo.com</a>
6.	SR/NM/NS-06/2009	Biologically synthesized gold nanoparticles using seaweed <i>Saragassum spp</i> for antidiabetic studies	Dr. V. Ganesh Kumar Centre for Ocean Research Sathyabama University Chennai-600 119 <a href="mailto:ganesv@gmail.com">ganesv@gmail.com</a>
7.	SR/NM/NS-07/2009	Nanoencapsulation of Biologically Active Peptides from Himlayan Medicinal Plants	Dr. Subhash Chandra Yadav Biotech Division Institute of Himalayan Bioresources Technology, Palampur-176 061 <a href="mailto:subhash@ihbt.res.in">subhash@ihbt.res.in</a>
8.	SR/NM/NS-08/2009	Development of Innovative Peptide and Peptide Hybrid Material Based Multifunctional Nanostructures for Cancer Imaging and Targeted Drug Delivery	Prof. Virender S. Chauhan International Centre for Genetic Engineering and Biotechnology Aruna Asaf Ali Marg New Delhi-110 067. <a href="mailto:virander@icgeb.res.in">virander@icgeb.res.in</a>

9.	SR/NM/NS-09/2009	To Study the Antibacterial Characteristic of Ag-nanoparticle against Waste Water Living Contaminants.	Prof. J. Behari School of Enviromental Science Jawaharlal Nehru Univerity New Delhi-110 067. <a href="mailto:jbehari2000@yahoo.co.in">jbehari2000@yahoo.co.in</a>
10.	SR/NM/NS-10/2009	Development of Nanoclay for the Treatment of Acid Mine Drainage Wastewater	Prof. Ravindra W. Gaikwad Department of Chemical Engineering Pravara Rural Engineering College Loni Admedanagar-413 736. <a href="mailto:rwgaikwad@yahoo.com">rwgaikwad@yahoo.com</a>
11.	SR/NM/NS-11/2009	Development of Novel Carboxymethyl Chitosan Derivatives Based Nanoparticles with Natural Curcumin Drug for Oral and Transdermal Drug Delivery Applications.	Dr. R. Jayakumar Amrita Centre for Nanosciences Amrita Institute of Medical Sciences and Researach Centre Cochin-682 026 <a href="mailto:rjayakumar@aims.amrita.edu">rjayakumar@aims.amrita.edu</a> , <a href="mailto:jayakumar77@yahoo.com">jayakumar77@yahoo.com</a>
12.	SR/NM/NS-12/2009	Synthesis, Characterization and Applications of Functionalized Nanomaterials.	Dr. G.T. Chandrappa Department of Chemistry Central College Campus Bangalore University Bangalore-560 001. <a href="mailto:gtchandrappa@yahoo.co.in">gtchandrappa@yahoo.co.in</a>
13.	SR/NM/NS-13/2009	Electrical and Optical Characterisation of Cadmium Selenide Multilayer Nano Films by Magnetron Sputtering.	Dr. J. Josephine Theresa Centre for Nanoscience and Nanotechnology Sathyabama University Jeppiaar Nagar Rajiv Gandhi Road Chennai-600 119 <a href="mailto:josetresa@gmail.com">josetresa@gmail.com</a>
14.	SR/NM/NS-14/2009	A Comparative Study of Effectiveness of Different Types of Nanotubes and Nanomembranes of Water Purification.	Mr. R.Senthikumar Institute of Road and Transport Technology Erode-638 316.
15.	SR/NM/NS-15/2009	Studies on the Use of Nanophosphors in Mechanoluminescent Stress Indicator and Fracture Sensor.	Dr. B.P. Chandra Shri Shankaracharya College of Engineering & Technology Junwani Bhilai-490 020. <a href="mailto:bpchandra@rediffmail.com">bpchandra@rediffmail.com</a>
16.	SR/NM/NS-16/2009	Electrochemical Machining of Complex Nanostructures with Ultrashort Voltage Pulses.	Dr. P. K. Srivastava Department of Applied Chemistry Birla Institute of Technology Mesra Ranchi-835 215.
17.	SR/NM/NS-17/2009	Surface Electrophoresis of DNA across different surfaces with different energy levels.	Dr. Shantanu Bhattacharya Department of Mechanical Engineering Indian Institute of Technology-Kanpur Kanpur-208 016. <a href="mailto:bhattacs@iitk.ac.in">bhattacs@iitk.ac.in</a>

18.	SR/NM/NS-18/2009	Antimicrobial Effects of Carbon Nanotubes Synthesized for Soot	Dr. Subhranshu Sekhar Samal Sathyabama University Old Mamallapuram Road Jeppiaar Nagar Chennai-600 119. <a href="mailto:sekhar_nitrkl@rediffmail.com">sekhar_nitrkl@rediffmail.com</a>
19.	SR/NM/NS-19/2009	Nanocomplexes for the Targeted Drug Delivery to the Inflamed Site of Lungs	Dr. K. Ruckmani Department of Pharmaceutical Technology Anna University Tiruchirappalli Tiruchirappalli-620 024. <a href="mailto:rmani48@gmail.com">rmani48@gmail.com</a>
20.	SR/NM/NS-20/2009	Synthesis and Characterization of nanoselenium and nanoiron particles and their biological effects on pig model	Dr. P. Selvaraj Department of Vet. Physiology Veterinary College and Research Institute Namakkal-637002
21.	SR/NM/NS-21/2009	Studies on pervaporative removal of Volatile Organic compound (VOC) from water using nano-particle filled polymeric membranes	Dr. Samit Kumar Ray Department of Polymer Science and Technology UCST University of Calcutta 92, APC Road Kolkata-700 009 <a href="mailto:dskrpoly@caluniv.ac.in">dskrpoly@caluniv.ac.in</a> , <a href="mailto:samitcu2@yahoo.co.in">samitcu2@yahoo.co.in</a>
22.	SR/NM/NS-22/2009	Development of novel Force Microscopic Techniques for Nano-Bio-Mechanics	Dr. Shivprasad V. Patil Indian Institute of Science Education and Research 1 <sup>st</sup> Floor, Sai Trinity Complex Sutarwadi Road Pashan Pune-411 007.
23.	SR/NM/NS-23/2009	Development, Characterization and Theoretical Studies of Peptide Based Nanostructures	Dr. Alka Gupta Department of Chemistry Dayal Sigh College Lodhi Road New Delhi- 110 003 <a href="mailto:alkaguptas@yahoo.co.in">alkaguptas@yahoo.co.in</a>
24.	SR/NM/NS-24/2009	Synthesis and Characterization of Titanium Dioxide and Silver Nanocomposite and its Application on Medical Textiles for Multifunctionality	Dr. G. Thilagavathi Department of Fashion Technology PSG Collge of Technology Peelamedu Coimbatore-641 004.
25.	SR/NM/NS-25/2009	Nanostructured Transition Metal Borides for Anticorrosion and Super-Hard Coatings	Prof. Ashok K Ganguli Department of Chemistry Indian Institute of Technology-Delhi New Delhi-110 016.

			<a href="mailto:ashok@chemistry.iitd.ernet.in">ashok@chemistry.iitd.ernet.in</a>
26.	SR/NM/NS-26/2009	Development Of Low Cost Electronically Conductive Polymer/Nano-Sized Valence Transition Metal Oxide Composite Electrodes For Electrocatalysis Of Oxygen Reduction In Fuel Cell	Dr. Mahendra Yadav Department of Applied Chemistry Indian School of Mines University Dhanbad-826 004.
27.	SR/NM/NS-27/2009	Porous Functional Films for the Colorimetric Detection of Anionic Analytes/Heavy Metal Cations	Dr. Amitava Das Analytical Science Discipline Central Salt & Marine Chemicals Research Institute Bhabnagar-364 002. <a href="mailto:amitava@csmcri.org">amitava@csmcri.org</a> , <a href="mailto:amitava2@rediffmail.com">amitava2@rediffmail.com</a>
28.	SR/NM/NS-28/2009	Integrated Design of Catalytic Nanomaterials for Three Phase Selective Hydrogenation Reactions	Dr. Ch. Subrahmanyam Department of Chemistry National Institute of Technology-Trichy Trichy-620 015. <a href="mailto:csubbu@nitt.edu">csubbu@nitt.edu</a> , <a href="mailto:challa168@hotmail.com">challa168@hotmail.com</a>
29.	SR/NM/NS-29/2009	Exploratory study of nanostructure of TiO <sub>2</sub> and Zn O for photovoltaic applications	Dr. Hrishikesh Dhasmana Lingaya's Institute of Management and Technology Nachauli Faridabad-121 002.
30.	SR/NM/NS-30/2009	Electronic Properties Conjugated Polymer Nanotubes/Nanorods	Prof. Shyamal Kumar Saha Department of Materials Science Indian Association for the Cultivation of Science Jadavpur Kolkata-700 032. <a href="mailto:cnssks@iacs.res.in">cnssks@iacs.res.in</a>
31.	SR/NM/NS-31/2009	Studies of novel electronic phenomena in nanostructured oxide interfaces	Prof. R.C. Budhani Department of Physics Indian Institute of Technology-Kanpur Kanpur-208 016. <a href="mailto:rcb@iitk.ac.in">rcb@iitk.ac.in</a>
32.	SR/NM/NS-32/2009	Incorporation of Drugs into Functionized Carbon Nanotubes for Medical Applications	Dr. P. Kumaresan Department of Physics Adhiparasakthi Engineering College Melmaruvathur-603 319. <a href="mailto:logeshkumaresan@yahoo.com">logeshkumaresan@yahoo.com</a>
33.	SR/NM/NS-33/2009	Investigation of Synthesis and Self Assembled Monolayers of Rare Earth Doped FeCo Nanoparticles for Ultra High Density Data Storage Applications.	Prof. D. Rajan Babu School of Science and Humanities VIT University Vellore-632 014. <a href="mailto:drajanbabu@vit.ac.in">drajanbabu@vit.ac.in</a>
34.	SR/NM/NS-34/2009	Metal Nanoparticles Embedded in Oxide Thin Films for Memory Device Applications.	Dr. Tapas Kumar Kundu Department of Physics Siksha-Bhavan, Visva-Bharati Santiniketan-731 235. <a href="mailto:tkkundu1968@yahoo.com">tkkundu1968@yahoo.com</a>

35.	SR/NM/NS-36/2009	Centre for Nanomechanical Characterization	Dr. D. Arivuoli Department of Physics Anna Univeristy Chennai-600 025. <a href="mailto:arivuoli@annauniv.edu">arivuoli@annauniv.edu</a>
36.	SR/NM/NS-37/2009	Graphene based polymer nanocomposite.	Dr. R Vasudevan Iyer Department of Science and Humanities PES Institute of Technology 100 ft ring road Banashankari III stage Bangalore-560 085.
37.	SR/NM/NS-38/2009	Tribological Behaviours of Surface Functionalized Molybdenum Sulphide Nanoparticles— A Novel Type of Additives in Lubricating Oil	Dr. P. Thillai Arasu Department of Chemistry Kalasalingam University Anand Nagar Krishnankoil-626 190 <a href="mailto:drpthillai@yahoo.com">drpthillai@yahoo.com</a>
38.	SR/NM/NS-39/2009	Cyclability and Rate Capability Performance Studies of Rechargeable Lithium Batteries Containing Nanostructured Electrode Materials and Soft Matter Electrolytes.	Dr. Aninda Jiban Bhattacharyya Solid State Structural Chemistry Unit Indian Institute of Science Bangalore-560 012. <a href="mailto:aninda_jb@sscu.iisc.ernet.in">aninda_jb@sscu.iisc.ernet.in</a>
39.	SR/NM/NS-40/2009	Formulation of Novel Biodegradable Nano particle Based Anticancer Drug	Dr. P. Tharmaraj Department of Chemistry Thiagarajar College Teppakulam Madurai-625 009. <a href="mailto:ptharma@rediffmail.com">ptharma@rediffmail.com</a>
40.	SR/NM/NS-41/2009	Ab-initio study of doped nanostructucters	Dr. Pankaj Srivastava Applied Science Group ABV-Indian Institute of Information Technology & Management Morena Link Road Gwalior-474 010. <a href="mailto:pankajs@iiitm.ac.in">pankajs@iiitm.ac.in</a>
41.	SR/NM/PG-01/2009	P.G. Teaching Programmes (M.Sc Nano Technology) in Nano Science and Technology at Ch. Charan Singh University, Meerut.	Prof. Rakesh Kumar Department of Physics Ch. Charan Singh University Meerut-250 004 <a href="mailto:drakeshkumar@hotmail.com">drakeshkumar@hotmail.com</a>
42.	SR/NM/PG-02/2009	Post-Graduate Teaching Programme (M.Tech. Nanotechnology)	Prof. N.M. Ramaswamy Director Biotechnology Centre Anna University Coimbatore Academic Campus, Jothipuram Coimbatore-641 047. <a href="mailto:biotech@annauniv.ac.in">biotech@annauniv.ac.in</a>
43.	SR/NM/NS-42/2009	Setting up of Nanoscience Unit at IISER, Pune	Prof. Sulabha Kulkarni Indian Institute of Science Education & Research-Pune

			900, NCL Innovation Park Dr. Homi Bhabha Road Pune-411 008. <a href="mailto:skulkarni@iiserpune.ac.in">skulkarni@iiserpune.ac.in</a>
44.	SR/NM/NS-43/2009	Development of Multifunctional Metal Oxide Nanocomposites: Nanoporous, Magnetic and Luminescent.	Dr. Aparna Mondal Department of Chemistry National Institute of Technology, Rourkela-769 008. <a href="mailto:aparnamondal@gmail.com">aparnamondal@gmail.com</a> , <a href="mailto:aparnamondal@nitrkl.ac.in">aparnamondal@nitrkl.ac.in</a>
45.	SR/NM/NS-44/2009	Computational Study of Functionalized Nanoparticles.	Prof. Satyavani Vemparala Institute of mathematical Sciences C.I.T Campus, Taramani Chennai-600 113. <a href="mailto:vani@imsc.res.in">vani@imsc.res.in</a>
46.	SR/NM/NS-45/2009	Synthesis and characterization of highly active hybrid bimetallic nanoparticles and amphiphilic metal/polymer composite nanoparticles for the removal of metals, organic and inorganic ions.	Dr. Mukkanti Khagga Center for Pharmaceutical Sciences Institute of Science and Technology J.N.T. University, Kukatpally Hyderabad-500 085. <a href="mailto:kmukkanti@yahoo.com">kmukkanti@yahoo.com</a> <a href="mailto:kmukkanti@jntuh.ac.in">kmukkanti@jntuh.ac.in</a>
47.	SR/NM/NS-46/2009	Development of smart self-healing protective coatings incorporating nano capsules.	Dr. DDN Singh National Metallurgical Laboratory Jamshedpur-831 007 <a href="mailto:ddns@nmlindia.org">ddns@nmlindia.org</a>
48.	SR/NM/NS-47/2009	Formulation and Evaluation of Anticancer Nanoparticles for Colorectal Cancer.	Dr. C. Vijaya Raghvan Department of Pharmaceutics PSG College of Pharmacy Post Box No. 1674, Peelamedu Coimbatore-641 004. <a href="mailto:c_vijayan_2K@yahoo.com">c_vijayan_2K@yahoo.com</a> , <a href="mailto:drvijayaragha@gmail.com">drvijayaragha@gmail.com</a>
49.	SR/NM/NS-48/2009	Development of magnetic nanoparticle based biosensor for early diagnosis of cancer	Dr. Keka Sarkar Department of Microbiology University of Kalyani, Kalyani Nadia-741 235 (W.B.) <a href="mailto:drkekasarkar@yahoo.com">drkekasarkar@yahoo.com</a>
50.	SR/NM/NS-49/2009	Multi-junctioned Polarized Quantum Materials for Photosensitive Applications.	Dr. Somabrata Acharya Centre for Advanced Materials Indian Association for the Cultivation of Science, Jadavpur, Kolkata-700 032. <a href="mailto:camsa2@iacs.res.in">camsa2@iacs.res.in</a> , <a href="mailto:somabrata@gmail.com">somabrata@gmail.com</a>
51.	SR/NM/NS-50/2009	Nanoporous Polymeric Adsorbents for Removal of Pesticides from Drinking Water.	Dr. Reddithota J. Krupadam National Environmental Engineering Research Institute Nehru Marg Nagpur-440 020. <a href="mailto:rj_krupadam@neeri.res.in">rj_krupadam@neeri.res.in</a>
52.	SR/NM/NS-51/2009	Polymer Nanofilters for Energy and Biological Applications.	Dr. Y.K.Vijay Department of Physics University of Rajasthan

			Jaipur-302 004. <a href="mailto:yk_vijay@sancharnet.in">yk_vijay@sancharnet.in</a>
53.	SR/NM/NS-52/2009	Biocompatibility Studies of Functionalised Carbon Nanotubes.	Dr. D. Sasmal Department of Pharmaceutical Sciences Birla Institute of Technology, Mesra, Ranchi- 835 215. <a href="mailto:dsasmal@bitmesra.ac.in">dsasmal@bitmesra.ac.in</a>