

**LIST OF OFFLINE PROPOSALS  
RECEIVED IN NANO MISSION IN 2014  
(Till 31.12.2014)**

**NANO SCIENCE PROPOSALS**

<i>Sr. No.</i>	<i>Date of receipt</i>	<i>DST Reference Number Project Title Principal Investigator's Name &amp; Details</i>
1.	07.01.2014	<p><b>SR/NM/NS-01/2014</b> A study of linking adaptive morphology with overall electronic performance of polymer light-emitting device structures.</p> <p><b>Dr. Alagiriswamy AA</b> Department of Physics &amp; Nanotechnology Faculty of Engineering &amp; Technology SRM University, Main Campus Kattankulathur, Chennai- 603 203 (Tamil Nadu)</p>
2.	31.01.2014	<p><b>SR/NM/NS-02/2014</b> Nanoparticulation of some Unani compound formulations.</p> <p><b>Dr. Tajuddin</b> Department of Saidla (Unani Pharmacy) Faculty of Unani Medicine Aligarh Muslim University , Aligarh-202 002 (Uttar Pradesh)</p>
3.	03.01.2014	<p><b>SR/NM/NS-03/2014</b> Proposal for establishment of "Centre for Excellence in Nanotechnology".</p> <p><b>Registrar</b> Mangalore University Mangalagangothri, Mangalore- 574 199 (Karnataka)</p>
4.	11.01.2014	<p><b>SR/NM/NS-04/2014</b> Growth and characterization of nanomaterials employing green approaches.</p> <p><b>Dr. M.A .Shah</b> Department of Physics National Institute of Technology-Srinagar Srinagar (Jammu and Kashmir)</p>
5.	17.02.2014	<p><b>SR/NM/NS-05/2014</b> Soft ionization ion mobility mass spectrometry of atomically precise clusters of noble metals.</p> <p><b>Prof. T. Pradeep</b> Department of Chemistry Indian Institute of Technology- Madras Chennai- 600 036 (Tamil Nadu)</p>

6.	26.02.2014	<p><b>SR/NM/NS-06/2014</b> Physics of nanosystems probed by ultrafast time-resolved spectroscopy and Raman scattering.</p> <p><b>Prof. A.K. Sood</b> Department of Physics Indian Institute of Science, Bangalore - 560 012 (Karnataka)</p>
7.	10.03.2014	<p><b>SR/NM/NS-07/2014</b> Nanomaterials for detoxification studies in critically polluted area-Vellore.</p> <p><b>Dr. V. Ganesh Kumar</b> Centre for Ocean Research Sathyabama University Rajive Gandhi Road, Jeppiaar Nagar, Chennai -600 119 (Tamil Nadu)</p>
8.	24.04.2014	<p><b>SR/NM/NS-08/2014</b> Modulation and demodulation of Photosynthesis using nanoparticles.</p> <p><b>Prof. Arunava Goswami</b> Biological Sciences Division Indian Statistical Institute 203, B.T. Road, Kolkata – 700 108 (West Bengal)</p>
9.	06.05.2014	<p><b>SR/NM/NS-09/2014</b> Development of Nano Polymer Composite Gears for Engineering Applications.</p> <p><b>Dr. R. Henry Xavier</b> Department of Mechanical Engineering Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College, 60, Avadi, Vel Tech Road Avadi, Chennai-600 062 (Tamil Nadu)</p>
10.	06.05.2014	<p><b>SR/NM/NS-10/2014</b> Nanometal Enhanced High Quantum Efficiency Rare-Earth Photoluminescence in Low Phonon As-S-Se-1 Chalcohalide Glasses.</p> <p><b>Dr. Basudeb Karmarkar</b> Glass Science &amp; Technology Section Glass Division CSIR-Central Glass and Ceramic Research Institute 196, Raja S.C. Mullick Road, Kolkata-700 032 (West Bengal)</p>
11.	06.05.2014	<p><b>SR/NMNS-11/2014</b> Extraction of natural nano-particles from cellulosic waste and their nano-composites for automobile application.</p> <p><b>Dr. Jitendra K. Pandey</b> Department of Chemistry University of Petroleum and Energy Studies (UPES)</p>

		Bidholi Campus Office Energy Acres P.O. Bidholi Via-Prem Nagar Dehradun-248 007 (Uttarakhand)
12.	30.06.2014	<b>SR/NM/NS-12/2014</b> Development of efficient and miniaturized supercapacitor with the novel Graphene/metal oxide hybrid electrode materials.  <b>Dr. S. Selladurai</b> Ionics Laboratory, Department of Physics CEG Campus, Anna University Chennai - 600 025 (Tamil Nadu)
13.	30.06.2014	<b>SR/NMNS-13/2014</b> Dithiocarbamate with bulky organic groups for size controlling of metal nanoparticles through surface functionalization.  <b>Dr. A. Manohar</b> Department of Chemistry Kalasalingam University, Anand Nagar, Krishnankoli-626 126 (Tamil Nadu)
14.	22.07.2014	<b>SR/NM/NS-14/2014</b> Fabrication and study of Graphene-metal oxide and Graphene-polymer nanocomposite sensors for detection of low concentration of certain chemicals and biomolecules.  <b>Dr. H.S.Nagaraja</b> Department of Physics National Institute of Technology-Suratkhil Mangalore – 575 025 (Karnataka)
15.	13.08.2014	<b>SR/NMNS-15/2014</b> Synthesis and Characterization of Graphene-Aluminium alloy AA6061 nano composites  <b>Dr. Kishore T. Kashyap</b> Department of Mechanical Engineering PES Institute of Technology 100 feet Ring Road, BSK III Stage Bangaluru – 560 085 (Karnataka)
16.	09.09.2014	<b>SR/NM/NS-16/2014</b> Development of a process for preparation of nano MgO (Purity more than 99%) from natural domestic impure Magnesite and its application in refractories.  <b>Dr. N. Sahoo</b> Dalmia Institute of Scientific & Industrial Research Rajgangpur Sundargarh-770 017 (Odisha)

17.	17.09.2014	<p><b>SR/NM/NS-17/2014</b>  Conducting Carbon metal nanocomposite from yard waste (waste leaves) for electrode and capacitor application.</p> <p><b>Dr. (Ms.) R. Vasanthakumari</b>  Department of Polymer Engineering  B.S. Abdur Rahman University  GST Road, Vandalor  Chennai - 600 048 (Tamil Nadu)</p>
18.	22.09.2014	<p><b>SR/NM/NS-18/2014</b>  Solution Phase Conversion of Nanoscale Metals into Intermetallics: Efficient Catalysts for Chemoselective Organic Transformations.</p> <p><b>Dr. (Ms.) Subhra Jana</b>  Department of Chemical, Biological &amp; Macro-Molecular Sciences  S.N. Bose National Centre for Basic Sciences  Sector-III, Block-JD, Salt Lake  Kolkata-700 098 (West Bengal)</p>
19.	24.09.2014	<p><b>SR/NM/NS-19/2014</b>  Nano-particle based hybrid polymer coating with enhanced scratch resistance, oxygen barrier and controllable surface hydrophobicity for steel substrate.</p> <p><b>Dr. Sanjay K. Nayak</b>  Laboratory for Advanced Research in Polymeric Materials  Central Institute of Plastic Engineering &amp; Technology (CIPET)  B-25, CNI Complex, Patia  Bhubaneswar-751024 (Odisha)</p>
20.	10.11.2014	<p><b>SR/NM/NS-20/2014</b>  Application of Emerging Nanomaterials in Health, Energy and Water.</p> <p><b>Dr. (Ms.) Geetha R. Balakrishna</b>  Center for Nano and Material Sciences  Jain University  Jakkasandra Post  Kanakapura Taluk  Bangalore - 562112 (Karnataka)</p>
21.	17.11.2014	<p><b>SR/NM/NS-21/2014</b>  Controlled morphological evaluation of nano-particle laden droplet.</p> <p><b>Dr. Saptashi Basu</b>  Department of Mechanical Engineering  Indian Institute of Science  Bangalore - 560 012 (Karnataka)</p>

**NANO TECHNOLOGY PROPOSALS = Nil**