

## LIST OF OFFLINE PROPOSALS RECEIVED IN NANO MISSION IN 2015

### NANO SCIENCE PROPOSALS = 14

Sr. No.	Date of receipt	DST Reference Number Project title	Principal Investigator's details	Remarks
1.	12.01.2015	<b>SR/NM/NS-01/2015</b> Fabrication and characterization of hybrid nano sponge dressing for healing of infectious burn wound.	<b>Dr. (Ms.) R. Mala</b> Department of Biotechnology Mepco Schlenk Engineering College Sivakasi – 626005 Virudhunagar District (Tamil Nadu)	
2.	29.01.2015	<b>SR/NM/NS-02/2015</b> Studies on Enhancement of Supercapacitor Performance: Effect of Morphology and Surface Defects of Reduced Graphene Oxide–Metal Oxide Nanocomposites	<b>Dr. Bhavani Prasad Naik Nenavathu</b> Department of Basic & Applied Sciences Indira Gandhi Delhi Technical University for Women Kashmere Gate Delhi-110006 (Delhi)	
3.	05.02.2015	<b>SR/NM/NS-03/2015</b> Waste water treatment using composite nanomaterials In packed Bed reactor.	<b>Prof. MH Fulekar</b> Centre for Nanosciences Central University of Gujarat Sector 30, Gandhinagar-382030 (Gujarat)	
4.	13.02.2015	<b>SR/NM/NS-04/2015</b> Biosynthesis of Metal Nanoparticle Using Plant Latex and Its Dose Enhancement Effect In Gel Dosimeter	<b>Dr.E. James Jebaseelan Samuel</b> Associated Professor Centre for Nanotechnology Research VIT University Vellore-632014 (Tamil Nadu)	
5.	13.02.2015	<b>SR/NM/NS-05/2015</b> Targeted nanosized delivery of phytopharmaceuticals for the treatment of breast cancer: Improvement of women health	<b>Dr. Swati Vishwas Pund</b> Department of Pharmaceutics STES's Sinhgad Institute of Pharmacy Opp. S.K. Navale Medical college, Narhe Road, Narhe (Ambegaon), Pune - 411041 (Maharashtra)	
6.	27.04.2015	<b>SR/NM/NS-06/2015</b> Spin ordering and spin transport in magnetic nanostructures made by sputtering and electron beam lithography.	<b>Prof. R.C. Budhani</b> Department of Physics Indian Institute of Technology- Kanpur Kanpur-208 016 (Uttar Pradesh)	
7.	03.03.2015	<b>SR/NM/NS-07/2015</b> Setting up of Gallery on Nano World	<b>Pushpa Gujral Science City</b> Jalandhar-Kapurthala Road Kapurthala (Punjab) H.O. SCO 60-61, 3 <sup>rd</sup> floor 34A Chandigarh – 160 022 (U.T.)	

8.	08.05.2015	<b>SR/NM/NS-08/2015</b> Understanding the size effects towards lithiation/delithiation of graphene via <i>in-situ</i> experiments with graphene, few layers graphene and bulk graphite	<b>Dr. Amartya Mukhopadhyay</b> Department of Metallurgical Engineering and Materials Science Indian Institute of Technology- Bombay Powai, Mumbai – 400076 (Maharashtra)	
9.	14.07.2015	<b>SR/NM/NS-09/2015</b> Physics of Quasi-particle Dynamics in Nanosystems Probed via Raman Scattering	<b>Dr. Pradeep Kumar</b> School of Basic Sciences Indian Institute of Technology- Mandi, Mandi – 175001 (Himachal Pradesh)	
10.	01.06.2015	<b>SR/NM/NS-10/2015</b> Development of new materials for hydrogen storage.	<b>Dr. Amit Kumar Chawla</b> Department of Physics University of Petroleum and Energy SP.O. Bidholi (via Prem nagar) Dehradun -248 007 (Uttarakhand)	
11.	23.07.2015	<b>SR/NM/NS-11/2015</b> Tool Wear Analysis in coated tool inserts.	<b>Dr. K. P. Dhanabalakrishnan</b> Department of Mechanical Engg. Sri Eshwar College of engineering Kondampatti Post Vadasithur Via Kinathukadavu Coimbtore – 641202 (Tamil Nadu)	
12.	13.08.2015	<b>SR/NM/NS-12/2015</b> Development of magnetic paste for high frequency device applications.	<b>Dr. S. Ramana Murthy</b> Geethanjali College of Engineering & Technology Cheeryal (V), Keesara (M) Ranga Reddy District- 501 301 Hyderabad (Telangana)	
13.	21.08.2015	<b>SR/NM/NS-13/2015</b> Stable, hydrogen rich/syngas production by autothermal reforming of CO <sub>2</sub> with methane using mixed oxide catalysts.	<b>Prof. Geetha Bhavani Annabathini</b> Department of Chemistry Noida International University Plot No. 1, Sector 17-A, Yamuna Expressway Opp. F1 Track, Noida – 203201 (Uttar Pradesh)	
14.	28.08.2015	<b>SR/NM/NS-14/2015</b> Preparation and Characterization of Nano structured Al-Mg-Si / Sugarcane bagasse ash composite by High Energy Ball Milling.	<b>Dr. P.C Angelo</b> Metals Testing and Research Centre PSG College of Technology Coimbtore-641004 (Tamil Nadu)	

### NANO TECHNOLOGY PROPOSALS = 2

1.	07.04.2015	<b>SR/NM/NT-01/2015</b> Process for treating for recovery of fuel from leather waste and Municipal Solid Waste by utilizing nano science in gasification process.	<b>Mr. Anurag Varshney</b> <b>Dr. Richa srivastava</b> Yuvraj Research Center Pvt. Ltd. Plot No: 723, UGF-04 Shakti Khand-3, Indirapuram Ghaziabad – 201010 (Uttar Pradesh)	
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2.	02.07.2015	<b>SR/NM/NT-02/2015</b> Synthesis of triazolo-capped silver nanoparticles (TA-AgNPs) as potential antifungal agents.	<b>Dr. K.V.S.S. Sairam</b> Pratishta Industries Limited 1-5-1015, Plot No. 80 and 81 Vaishnavi Bhavan Father Balaiah Nagar, Old Alwal Secunderabad-500 010 (Telangana)	
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### M.TECH. PROPOSALS = 5

1.	10.06.2015	<b>SR/NM/PG-01/2015</b> M.Tech. Programme in Nano Medical Sciences (Duration: 2 Years) with annual intake of 20 students at Amrita Institute of Medical Sciences, Kochi.	<b>Dr. Shantikumar V. Nair</b> Amrita Centre for Nanosciences & Molecular Medicine Amrita Institute of Medical Sciences Amrita Lane, Elamakkara P.O. , Kochi - 682 026 (Kerala)	
2.	11.06.2015	<b>SR/NM/PG-02/2015</b> M.Tech. Programme in Nano Science & Technology (Duration: 2 Years) with annual intake of 20 students at Anna University, Chennai.	<b>Dr. R. Jayavel</b> Centre for Nanoscience & Technology Anna University Chennai – 600 025 (Tamil Nadu)	
3.	17.06.2015	<b>SR/NM/PG-03/2015</b> M.Tech. Programme in Nano Science & Technology (Duration: 2 Years) with annual intake of 18 students at Jadavpur University, Kolkata.	<b>Dr. K.K. Chattopadhyay</b> School of Materials Science & Nanotechnology Jadavpur University Kolkata - 700 032 (West Bengal)	
4.	17.06.2015	<b>SR/NM/PG-04/2015</b> M.Tech. Programme in Medical Nanotechnology (Duration: 2 Years) with annual intake of 25 students at SASTRA University, Thanjavur.	<b>Dr. S. Swaminathan</b> Centre for Nanotechnology & Advanced Biomaterials SASTRA University Thanjavur – 613 402 (Tamil Nadu)	
5.	18.06.2015	<b>SR/NM/PG-05/2015</b> M.Tech. Programme in Nano Technology with specialization in Nanoelectronics and Nanophotonics (Duration: 2 Years) with annual intake of 30 + 30 students at VIT University, Vellore and Chennai.	<b>Dr. (Ms.) Gargi Raina</b> Center for Nanotechnology Research VIT University Vellore - 632 014 (Tamil Nadu)	