

Sl. No	File No.	Project Title	Name & Address of PI	Total Cost/ Duration
1.	DST/TSG/P T/2006/49	Development of Biosensor for measurement of glucose concentration in body fluids non-invasively.	Prof. J. Nagaraju, Dept. of Instrumentation, Indian Institute of Science (IISc), Bangalore – 560 012.	Rs.26,99,800/- (24 months)
2.	DST/TSG/P T/2007/31	Development of Electrochemical Biosensors for monitoring pesticides in water, soil and food samples.	Dr. Neelam Verma, Dept. of Biotechnology, Punjabi University, Patiala – 147 002.	Rs.23,98,000/- (36 months)
3.	DST/TSG/P T/2008/21	Design and fabrication of efficient white organic light emitting diode	Dr. Kanchan Saxena, Assistant Professor, Amity Institute of Advanced Research & Studies (M&D), Amity University, Sector-125, Noida-201 303, Uttar Pradesh.	Rs.28,60,800/- (18 months)
4.	DST/TSG/P T/2008/26	Development of Polymer based spintronic devices	Dr. P.S. Anil, Kumar, Dept. of Physics, Indian Institute of Science (IISc), Bangalore – 560 012.	Rs.28,22,800/- (36 months)
5.	DST/TSG/P T/2006/47	Development of the prototype of saw sensors for NOx gas.	Dr. Vinay Gupta, Dept. of Physics and Astrophysics, University of Delhi, Delhi -110 007.	Rs.28,18,600/- (30 months)
6.	DST/TSG/Gl ass/2006/61	Development of sol-gel based low e-indium Tin Oxide (ITO) coatings on glass for different applications.	Dr. Prasanta Kumar Biswas, Scientist-Gr. IV(4), Sol-Gel Division, Central Glass & Ceramic Research Institute (CGCRI), 196, Raja S.C. Mullick Road, Jadavpur, Kolkata – 700 032, West Bengal.	Rs. 44,90,850/- (24 months)
7.	DST/TSG/P T/2008/20	Fabrication of energy efficient hybrid organic light emitting device (OLED) on nano structure templates for white lighting applications.	Dr. K. Jagannathan, Director, Centre for Nano Science & Nano Technology, School of Physics, Bharthideshan University, Tiruchirapalli – 620 024, TamilNadu.	Rs.19,42,320/- (24 months)
8.	DST/TSG/P T/2008/23	Development of high efficiency, low cost dye sensitized solar cells.	Dr. Saurabh S. Soni, Dept. Of Chemistry, Sardar Patel University, Ballabh Vidhya Nagar – 388 120, Gujrat.	Rs.20,43,581/- (36 months)
9.	DST/TSG/P T/2008/22	Metal Oxide Polymer nano composites for detection of gas pollutants in sugar industries.	Dr. Sangeeta Kale, Associate Professor, Dept. of Electronic Science, Fergusan College, Pune – 411 004.	Rs.18,81,720/- (18 months)

10	DST/TSG/PT/2007/59	Integrated all Optical switching using bacteriorhodopsin.	Prof. S. Asokan, Dept. of Instrumentation, Indian Institute of Science (IISc), Bangalore – 560 012.	Rs.37,82,800/- (36 months)
11	DST/TSG/Glass/2006/45	Design and development of precision bi-aspheric polycarbonate lenses for indirect ophthalmoscopy (20D & 28D)	Dr. S.V. Rama Gopal, Scientist-F, Ashpheric Group, DU-03, Central Scientific Instruments Organization (CSIO), Sector-30-C, Chandigarh-160 020, Punjab	Rs.20,48,000/- (12 months)
12	DST/TSG/PT/2007/60	Development of halobacterial variants for enhanced bacteriorhodopsin (Br) protein production.	Dr. V. P. Savalgi, Dept. of Agriculture Microbiology, University of Agriculture Sciences, Dharwad – 580 005, Karnataka.	Rs.30,46,000/-/- (36 months)
13	DST/TSG/PT/2007/66	Study of Optical power limiting characteristic of bacteriorhodopsin for the design of detector protection system.	Dr. S. Siva Shankar Sai, Dept of Physics, Sri Sathya Sai University, Vadhyaigiri Prasanthi Nilayam – 515134, Anant pur District, Andhra Pradesh.	Rs.27,80,200/-/- (36 months)
14	DST/TSG/PT/2008/04	Design of optical logic gates with bacteriorhodopsin.	Dr. Sukhdev Roy, Dept. of Physics and Computer Science, Dayalbagh Educational Institute, Dayalbagh, Agra -282 005, Uttar Pradesh.	Rs.27,00,000/-/- (24 months)
15	DST/TSG/PT/2007/61	Development of photochromic thin film of bacteriorhodopsin	Dr. P.C. Pandey, Dept. of Applied Chemistry, Banaras Hindu University (BHU), Varanasi – 221 005, Uttar Pradesh.	Rs.36,23,600/-/- (24 months)
16	DST/TSG/ME/2007/26	Process Development for production of bacteriorhodopsin by halobacterium species for application in nano-device development.	Dr. C. Raman Suri, Sr. Scientist, Biosensor Laboratory, Institute of Microbial Technology (IMTech), Sector-39-A, Chandigarh-160 036, Punjab.	Rs.24,94,400/- (24 months)
17	DST/TSG/Glass/2007/57	Development of contemporary design for unorganized small scale sector of Firozabad Glass Cluster.	Dr. Neelima Hasija, Coordinator, Ceramic and Glass Design Discipline, National Institute of Design (NID), Paldi, Ahmedabad-380 007, Gujrat.	Rs.34,96,835/- (24 months)
18	DST/TSG/AF/2008/09	Preparing status report on themes related to technical and scientific aspects of biofuel utilization.	Mr. Somnath Bhattacharya, Vice-President, Winrock International India, 788, Udyog Vihar, Phase-V, Gurgaon- 122 001, Haryana.	Rs.15,20,000/- (24 months)

19	DST/TSG/N TS/2009/29	Development of an automated system for differentiating slowly and rapidly evolving human genes to facilitate medical research.	Dr. S.M. Agarwal, Scientist-C, Institute of Cytology and Preventive Oncology, Plot : I-7, Sector-39, Noida-201 301, Uttar Pradesh.	Rs.19,87,200/- (36 months)
20	DST/TSG/A F/2008/29	Pilot studies on optimization of biomethanation process parameters for biogas production from jatropha and pongamia oil seed cakes.	Dr. Virendra Kumar Vijay, Centre for Rural Development & Technology (CERT), Indian Institute of Technology (IIT), Hauz Khas, New Delhi -110 016.	Rs.14,40,000/- (24 months)
21	DST/TSG/N TS/2009/30	Software infrastructure and programming model to enhance the performance of application on multi core platform.	Dr. Naranjan Narayan Chiplunkar, Department of Computer Science & Technology, NMAM Institute of Technology, P.O. : Nitte, Taluk: Karkala, District : Udupi, Karnataka – 574 110.	Rs.15,98,000/- (24 months)
22	DST/TSG/P T/2008/46	Hybrid Structures : Use of semiconducting nano particles in Donor/Acceptor type Organic Solar Cells.	Dr. Amal J. Pal, Dept. of Solid State Physics, Indian Association for the Cultivation of Science (IACS), 2A&B, Raja SC Mullick Road, Jadavpur, Kolkata – 7—032, West Bengal.	Rs.39,32,800/- (36 months)
23	DST/TSG/P T/2008/24	Development of nano porous TiO ₂ electrode and modified solid polymer electrodes for dye sensitized solar cells (DCSS).	i) Dr. B. Bhattacharya, HCST, Greater Noida. ii) Dr. U.P. Singh, KIIT Uni, Bhubaneswar. iii) Shri Prakash Pandey, GCE&T, Greater Noida.	Rs.18,14,000/- (18 months)
24	DST/TSG/P T/2008/27	Development of Organic Piezoelectric Sensor for human blood pressure measurement.	i) Dr. Manmeeta Saxena, Dept. of Physics, NLU, Jodhpur. ii) Dr. Dheeraj Saxena, Lachoo Memorial College, Jodhpur.	Rs.23,28,000/- (18 months)
25	DST/TSG/N TS/2009/28	Realization of IP based wireless sensor network with emphasis on image transfer and on-demand routing.	Dr. P. Sudhakara Rao, Dean (R&D), Vignan Institute of Technology and Science, Vignan Hills, Deshmukhi Village, Pochampalli Mandal, Nalhonda District – 508 284 , Andhra Pradesh.	Rs. 10,46,880/- (24 months)
26	DST/TSG/N TS/2009/12	Development of nanoparticle doped carbon aerogel based	Dr. N.C. Pramanik, Scientist-D, Centre for Materials for Electronics Technology (C-MET)	Rs. 1,65,04,400/- (30 months).

		new hydrogen gas storage system for fuel cells and other applications.	M.G. Kavu, P.O. : Athani, Thrissur – 680 771, Kerala.	
27	DST/TSG/A F/2007/54	Production of Karanja-Biodiesel and its products for agricultural application.	Dr. M.K. Mohanty, Assistant Research Engineer, College of Agricultural Engineering and Technology, Orissa University of Agricultural and Technolgy, Bhubaneshwar – 751 003, Orissa.	Rs.18,08,800/- (24 months)
28	DST/TSG/M E/2008/03	Synthesis and scalup of high contrast processable electrochromic polymers based on conjugated dialkoxythiophenes.	Dr. Anil Kumar, Associate Professor, Dept. of Chemistry, Indian Institute of Technology (IIT), Powai, Mumbai – 400 076.	Rs. 27,85,920/- (24 months)
29	DST/TSG/A F/2009/03	Biodiesel production from karanja oil and jatropa oil using microbial lipase as catalyst and their characterization.	Dr. (Mrs.) R.S. Meerabai, Reader in Botany, PSGR Krishnammal College for Women, Peelamedu, Coimbaote-641 006, Tamil Nadu.	Rs.13,33,770/- (24 months)
30	DST/TSG/C eramic/2009 /18	Developmental aspects of double fired wall tiles by suitable substitution of various ceramic waste for its gainful utilization.	Dr. S. N. Mishra, Scientist -in - Charge, CGCRI, Naroda Centre, Ahmedabad	Rs.24,02,000/- (24 months)
31	DST/TSG/P T/2007/74	Preparation and characterization of sputtered smart nanomaterials for electrochomic devices.	Dr. C. Sanjeeviraja, Dpet. of Physics, Alagappa University, Karaikudi – 630 003, Tamil Nadu.	Rs.20,58,960/- (24 months)
32	DST/TSG/A F/2009/20	Development of a stationary diesel engine for dual fuel operation of biodiesel and CNG fuel.	Dr. K.A. Subramanian, Assistant Professor, Centre for Energy Studies (CES), Indian Institute of Technology (IIT), Hauz Khas, New Delhi -110 016.	Rs.43,63,387/- (18 months)
33	DST/TSG/A F/2009/21	Power generation with reduced emissions using deoiled cake and biodiesel from non-edible oil seeds.	Dr. Hifjur Reheman, Associate Professor, Agricultural and Food Engineering Department, Indian Institute of Technology (IIT), Kharagpur – 721 302, West Bengal.	Rs.33,07,400/- (36 months)
34	DST/TSG/A F/2007/20	Combustion, Material Compatibility, and Engine Tribology Investigations in a Biodiesel Fuelled Turbo-	Dr Avinash Kumar Agarwal, Associate Professor, Department of Mechanical Engineering, Indian Institute of Technology	Rs.64,86,400/- (36 months)

		charged Transportation Engine	(IIT), Kanpur-208 016 Uttar Pradesh E-mail : akag@iitk.ac.in	
35	DST/TSG/M E/2009/19	Study of phthalocyanine- polyaniline-composite thin films for use as suitable materials in solar cells	Dr. Saroj Sharma, Assistant Professor, Department of Applied Sciences and Humanities, Faculty of Engineering, Mody Institute of Technology & Science, Lakshmangarh-332 311 Rajasthan	Rs.14,28,994/- (18 months)
36	DST/TSG/PT /2008/47	Inkjet printing of conducting polymers for optoelectronic devices- processability and wetting characteristics	Dr. Susy Varughese Polymer Engineering Laboratory, Department of Chemical Engineering, Indian Institute of Technology Madras (IIT M), Chennai-600 036, Tamil Nadu. susy@iitm.ac.in	Rs.19,19,760/- (24 months)
37	DST/TSG/A F/2008/08	Production and utilization of bio-diesel from non-edible oil seeds and its application in agriculture in Assam	Dr. Dilip Kumar Bora Senior Lecturer, Mechanical Engineering Department, Jorhat Engineering College, Jorhat-785 007 Assam	Rs.17,05,002/- (24 months)
38	DST/TSG/I CT/2009/09	Development of multi- agent based system for dynamic multi-project scheduling.	Dr. M.L. Mittal Reader, Department of Mechanical Engineering, Malaviya National Institute of Technology, Jaipur-302 017, Rajasthan.	Rs.6,00,000/- (21 months)
39	DST/TSG/C eramic/2007 /24	Development of Magnesia Hercynite bricks.	Dr. P. Sahu, Principle Scientist, Dalmia Institute of Scientific and Industrial Research, (DISIR), P.O. Box No : 2, Rajgangpur-770 017, District: sundargarh, Orissa E-mail : psahu@dalmiainstitute.in And Dr. S.K. Singh, Scientist-F, Department of Advanced Materials	Rs.9,32,400/- (24 months)

			Technology, Institute of Materials and Minerals Technology (IMMT), Bhubaneswar – 751013, Orissa. E-mail : sksingh@rrlbhu.res.in , sarojksingh@gmail.com	
40	DST/TSG/AF/2009/40	Production and utilization of biodiesel blends in Stationary and automotive engines to assess their suitability to meet emerging fuel quality and emission standards	Dr. L. M. Das, Professor, Centre for Energy Studies (CES), Indian Institute of Technology (IIT), Hauz Khas, New Delhi -110 016. lmdas@ces.iitd.ernet.in	Rs.1,20,32,800/- (24 months)
41	DST/TSG/N TS/2008/38	Further development, modification and standardization of Jaipur foot	Dr. M.K. Mathur, Chief Consultant Research Development & Training, Bhagwan Mahaveer Viklang Sahayata Samiti (BMVSS), S.M.S Hospital Campus, Jaipur-302 004, Rajasthan., E-mail : drmk1@yahoo.com , aggarwalneeraj@yahoo.com	Rs.37,18,000/- (36 months)