

Technology System Programme 2008-2009

Sl. No.	File No.	Project Title	Name & Address of PI	Duration (in months)	Total Cost
1.	DST/TSG/NTS/2K6/16	Process analytical technology methods development for standardization in pharmaceutical industry.	Dr. K. Subramanian, Scientist –in-charge, Central Electronics Engineering Research Institute (CEERI), Chennai Centre, CSIR Madras Complex, TTTI, P.O. Taramani, Chennai-600 113. sic@ceerichennai.org Co-PI Venkynir_98@hotmail.com elico@elicoltd.com	24	Rs. 86,91,000/-
2.	DST/TSG/ICT/2007/37	To develop and validate a model telemedicine facility in ophthalmology using indigenous equipment.	Dr. S.C. Gupta, Director (Medical), Venu Eye Institute & Research Centre, 1/31, Institutional Area, Shiekh Sarai, Phase-II, New Delhi-17 scgupta.dr@gmail.com Co-PI drabhishekdagar@venueyestitute.org	12	Rs. 46,45,000/-
3.	DST/TSG/NTS/2007/38	Enhanced prosthetic hand for transhumeral amputees.	Prof. Suresh Devasahayam, Professor of Bioengineering, Christian Medical College (CMC) Vellore-632002 Tamil Nadu. surdev@cmcvellore.ac.in Co-PI	36	Rs. 24,23,454/-

			bhattacharji@cmcvellore.ac.in nalc@cmcvellore.ac.in		
4.	DST/TSG/GL/2006/40	Development of technology for the production of extended wear contact lens/ daily contact lense- Phase-II	Dr.R.K.Diwan, Sr. Asstt. Director & Chief Polymer Processing, Sriram Institute for the Industrial Research, 19, University Road, Delhi-110007 sridlhi@vsnl.com , rkdiwan@shriraminstitute.org	24	Rs. 33,13,600/-
5.	DST/TSG/TC/2007/25	Utilization of different waste material from sponge iron and power plant for making building blocks.	Dr. B. Mishra, Principal Scientist Dalmia Institute of Scientific and Industrial Research, Rajgangpur-770017, District- Sundergarh, Orissa. bmishra@dalmiainstitute.in Co-PI dkmishra@jitm.org :	24	Rs. 19,50,840/-
6.	DST/TSG/ICT/2006/79	Development of wireless sensor network based automated feed uptake and animal development monitor-ing scheme for semi-rural dairy operation.	Dr. S. Kar, Prof., Deptt. Of Electrical Engineering & Bharti School of Telecommunication Technology and Management Indian Institute of Technology, Hauz Khas, New Delhi-110016. subrat@ee.iitd.ac.in Co-PI santanuc@ee.iitd.ac.in	24	Rs. 42,28,800/-
7.	DST/TSG/WP/2004/135	Development of	Prof. H.M. Chawla	12	Rs. 12,02,160/-

		novel sun protection agents based on new macrocyclic metacyclophanes.	Department of Chemistry, Indian Institute of Technology (IIT), Hauz Khas, New Delhi-110016. hmchawla@chemistry.iitdernet.in		
8.	DST/TSG/ME/2007/42	Electrochemical quartz crystal microbalance sensor for the study of electrochemical interfaces	Dr. G. Radha- Krishnan, Scientist, Central Electrochemical Research Institute Karaikudi-630006 Tamil Nadu. radha@cecri.res.in drg radha@rediffmail.com	24	Rs. 14,69,760/-
9.	DST/TSG/WP/2008/13	Field scale trials of the ARI, Pune Technol for the removal of arsenic from drinking water in Rajnandgaon District, Chhattishgarh	Dr. P.K. Bhat, Director General, Chhattishgarh Council of S&T, Lokash Plaza, First Floor, Shankar Nagar, Raipur-492 007 Chhattishgarh. Bhat.ccost@gmail.com , p_k_bhat@sify.com	12	Rs. 19,61,800/-
10	DST/TSG/GL/2006/35	Development of foldable intra ocular lens- Phase-II.	Dr. R.K. Khandal, Director, Sriram Institute for Industrial Res., 19, University Road, Delhi-110007 sridlhi@vsnl.com Co-PI sridlhi@vsnl.com	24	Rs. 28,23,600/-
11	DST/TSG/TC/2006/65		Dr. K. Shree Krishna Kumar,, Regional Director School of	36	Rs. 43,79,800/-

		Plasma nitriding for the improved performance of cutting machinery in tyre industry.	Technology. & Applied Science, Mahatma Gandhi University, Pullarikunnu Campus, Malloossery P.O. Kottayam, Kerala. stas@md2.vsnl.net.in		
12	DST/TSG/TC/2007/39	Rejuvenation of traditional pottery making by applying advanced biotechniques.	Dr.AJA Ranjit Singh, Department of Advanced Zoology and Biotechnology, Shri Parmakalyani College, Alwarkurichi-627412, Tirunelveli District, Tamil Nadu. ranjitspkc@yahoo.com	24	Rs. 25,98,800/-
13	DST/TSG/AF/2007/49	Efficient expelling and extraction of oil from seeds and utilization of deoiled cake.	Dr. K.K. Singh, Head, Division of Food Grain and Oilseed Processing (FG&OP), Central Instt. Of Post Harvest Engg. & Tech., P.O. PAU Campus, Ludhiana-141004 Punjab. Singh_ciae@yahoo.com	24	Rs. 11,08,600/-
14	DST/TSG/AF/2007/56	High rate biomethanation of de-oiled cake from non-edible oil seeds for rapid biogas production.	Dr. Johny Joseph, Scientist-E-1, Bio Engineering and Environmental Centre, Institute of Chemical Technology (ICT), Hyderabad (A.P.)	12	Rs. 14,40,000/-
15	DST/TSG/AF/2007/21	Comparative chemical characterization and	Dr. Tarun Gupta, Asstt. Professor, D/o Civil Engineering, Indian Institute of Technology (IIT), Kanpur,	36	Rs. 89,81,600/-

		evaluation of toxic potential of metals and PAHs.....biodiesel from Jatropha engines.	Uttar Pradesh. tarun@iitk.ac.in		
16	DST/TSG/AF/2005/39	Development of catalyst for conversion of glycerol to ethylene glycol.	Prof. Anil Kumar, Professor, Department of Chemical Engineering IIT, Kanpur-208 016 Uttar Pradesh. anilk@iitk.ac.in Co-PI akag@iitk.ac.in	30	Rs. 44,20,000/-
17	DST/TSG/AF/2007/77	Technical performance analysis of ethanol diesel blend for use in direct injection diesel engine.	Dr. Pradeepta K. Sahoo, Asstt. Prof., College of Engg., University of Petroleum & Energy Studies, Energy Acres, Bidholi, Dehradun-248007 Uttaranchal. pkshooiitd@yahoo.com pradeepta@ddn.upes.ac.in	18	Rs. 34,14,100/-
18	DST/TSG/TC/2007/18	Development of ecofriendly protective coatings for wood- craft in India.	Dr.R.K. Khandal, Director, Shriram Instt. For Industrial Research, 19, University Road, Delhi-110007 rkhandal@shriraminstitute.org Co-PI khursheed@shriraminstitute.org	24	Rs. 16,61,280/-

19	DST/TSG/PT/2008/28	Development of novel free radical biosensor based on embedded system.	Dr. K.Uma Maheswari, Asstt. Professor, Centre for Nanotechnology & Advanced Biomaterials (CeNTAB), School of Chemical & Biotechnology, SASTRA University, Thanjavur-613402. umakrishnan@biotech.sastra.edu Co-PI rjbosco@ece.sastra.edu	18	Rs. 15,79,945/-
20	DST/TSG/ME2008/18	Centre on biomolecular electronics.	Dr.B.D.Malhotra, Scientist, National Physical Laboratory (NPL), Dr. K.S. Krishnan Marg, New Delhi-12 bansi@mail.nplindia.ernet.in Co-PI singhsp@mail.nplindia.ernet.in	36	Rs. 9,86,39,000/-
21	DST/TSG/ME/2006/60	Fabrication of SnO_2 layers using electrostatic vapour deposition method for gas sensing applications	Dr.C.Ghansyam, Scientist-F, Microelectronics Group, Central Scientific Instruments Organization (CSIO), Sector-30, Chandigarh. Punjab-160 030 cghan@rediffmail.com	36	Rs. 19,42,800/-
22	DST/TSG/PT/2008/15	Development of hybrid solar cells.	Dr.S. Moorthy, Professor, Crystal Growth Centre, Anna University, Chennai-600 025. babu@annauniv.edu	18	Rs. 15,88,080/-

			smoorthybabu@gmail.com		
23	DST/TSG/PT/2008/25	Polymer nanocomposites for flexible electronic applications.	Dr. Jyoti Jog, Polymer Science & Engineering Division, National Chemical Laboratory (NCL) Pune-411008 jp.jog@ncl.res.in Co-PI sb.ogale@ncl.res.in	24	Rs.16,03,200/-
24	DST/TSG/WP/2007/09	Development of cost effective 200 prototypes and improved versions of household modules for removal of arsenic by Sfca from under-ground water.	Prof. R.C.Maheshwari, Principal, Hindustan College of Science and Technology, Farah, Mathura-281122, Uttar Pradesh. Rcm_iitd@yahoo.co.in Co-PI prashantkqp@yahoo.co.in	12	Rs. 9,38,400/-