

List of Projects Sanctioned under Fast Track for Young Scientists Scheme for the year 2005-2006

Duration: 3 Years

Sl. No.	File No. & Date	Title	PI & Address	Total Cost
1.	SR/FTP ES-07/2004 08.04.2005	Luminescence Chronology of River Adjustment and Study of Quaternary Sediments in the Alluvial Plains of Burhidihing River Around Marherita, Assam	Dr. Parag Phukon Deptt. Of Geological Sciences Gauhati University Guwahati-781014	558000
2.	SR/FTP/ES-18/2003 15.04.2005	Reconstruction of Late Quaternary Tropical Sea Surface Temperature	Dr. C.N. Prabhu Centre for Atmospheric & Oceanic Sciences Indian Institute of Science Bangalore-560012	896400
3.	SR/FTP/PS-20/2003 21.04.2005	Transport Properties of Nitride Structure	Dr. Pushpendra Tripathi Deptt. Of Physics M.S. University of Baroda Vadodara-390002	919000
4.	SR/FTP/ES-10/2004 21.04.2005	Provenance and Heat Source Characterization of the Regional Scale Migmatization in the Kerala Khondalite Belt, South India	Dr. Shabeer K. Pocker Deptt. Of Marine Geology & Geophysics Cochin University of Science & Technology Kochi-682016	1038000
5.	SR/FT/L-118/2004 21.04.2005	Development of homocysteine-induced atherosclerotic rat model and to study its possible mode of action for causing atherosclerosis	Dr. Meenakshi Sharma Dr. BR Ambedkar Centre for Biomedical Research Delhi University Delhi-110007	1200000
6.	SR/FT/L-114/2004 21.04.2005	Identification and Characterization of trans acting protein(s) in Tip60:AICD:Fe65 Transcriptional Complex	Dr. Rajesh Kumar Dabur Deptt. Of Biomedical Sciences Bundelkhand University Jhansi-284128	1200000
7.	SR/FTP/ES-12/2004 25.04.2005	Studies on Lithofacies and Depositional Environment of Mesozoic Sedimentary Succession on Wagad, Kachchh, Gujarat	Dr. Diwakar Mishra Deptt. Of Geology Banaras Hindu University Varanasi-221005	932000
8.	SR/FTP/ES-43/2003 25.04.2005	Physics of the Development of Different Structures in the Earth's Lithosphere: Natural Examples and Experimental Studies	Dr. Santanu Bose Deptt. Of Geological Sciences Jadavpur University Kolkata-700032	1034000
9.	SR/FTP/ES-15/2003 25.04.2005	X-Ray Diffraction Study of Some Indian Coals to Determine Coal Microstructure	Dr. Sudip Maity Central Fuel Research Institute Dhanbad-828108	895000

	03.05.2005	applications	Electronics Technology (C-MET) Thrissur-680771	
41.	SR/FT/L-124/2004 20.05.2005	Physico-chemical and bio-chemical investigations of the polymorphic DNA (RNA) sequences present in regulatory region of the B-globin gene cluster	Dr. Mahima Kaushik Deptt. Of Chemistry Delhi University New Delhi-110007	1200000
42.	SR/FT/L-123/2004 20.05.2005	Environmental prevalence of cryptococcus neoformans its mucoserologic and genotypic characterization and role in pulmonary infections	Ms. Anuradha Chowdhury Deptt. Of Medical Mycology Vallabhbhai Patel Chest Institute New Delhi-110007	1122000
43.	SR/FT/L-125/2004 20.05.2005	To evaluate the roles of p21 ((WAF1/CIP1) and p53 in galbladder carcinogenesis and to assess their prognostic significance for patients with Gall Bladder Cancer	Dr. Mila Ghosh Deptt. Of GI Survey GB Pant Hospital & Maulana Azad Medical College New Delhi-110002	1200000
44.	SR/FTP/ES-49/2003 24.05.2005	Taxonomy and Evolutionary Palaeobiology of the Tertiary Mollusca of Kutch, Gujarat with Special Emphasis on Bivalvia	Dr. Kalyan Halder Deptt. Of Geology Durgapur Government College Durgapur-713214	421000
45.	SR/FTP/ES-09/2004 24.05.2005	Marine Pollution Signatures on Bioindicators of Pulicat Lake: A Tool in Metal Pollution Monitoring	Dr. N. Jayaraju Deptt. Of Geology Sri Venkateswara University Tirupati-517502	1170000
46.	SR/FTP/MS-10/2004 24.05.2005	The Web-method in Fluid Dynamics	Dr. V.V.K. Srinivas Kumar Deptt. Of Mathematics Indian Institute of Science Bangalore-560012	870000
47.	SR/FTP/ETA-15/2004 24.05.2005	Synthesis of Zeolite coated beads and monoliths for catalytic applications	Dr. Pradeep Ahuja Deptt. Of Chemical Engg. & Technology, Institute of Technology Banaras Hindu University Varanasi-221005	912000
48.	SR/FTP/ETA-10/2005 25.05.2005	Design and development of a small paddy combine harvester	Dr. Sharanakumar Hiregoudar Deptt. Of Post Harvest & Process Engg. College of Agricultural Engg. Raipur-584101	1194000
49.	SR/FTP/ETA-17/2004 25.05.2005	An integrated hydrologic modeling of the Brahmaputra Valley	Dr. Subashisa Dutta Deptt. Of Civil Engg. Indian Institute of Technology-Guwahati Guwahati-781039	734400
50.	SR/FTP/ETA-01/2005	Eco Friendly surface treatment of galvanized rebars embedded	Dr. Rita Ghosh National Metallurgical	1002000