

List of Projects Sanctioned under Fast Track for Young Scientists Scheme for the year 2007-2008

Duration: 3 Years

Sl. No.	File No. & Date	Title	PI & Address	Total Cost
1.	SR/FTP/ETA-08/2007 18.04.2007	Non Linear soil structure interaction of piles on sloping ground	Dr. K. Muthukkumaran Deptt. Of Civil Engg. National Institute of Technology Tiruchirapalli-620015	1016400
2.	SR/FTP/PS-11/2006 25.04.2007	Radion contribution to various Flavour changing Neutral Current (FCNC) processes in B-meson decay	Dr. Prasanta Kumar Das The Institute of Mathematical Sciences Chennai-600113	1152000
3.	SR/FTP/CS-100/2006 04.05.2007	A current density functional study of strong magnetic field induced realtime dynamics in atoms and molecules	Dr. Vikas Deptt. Of Chemistry Punjab University Chandigarh-160014	734400
4.	SR/FT/L-55/2006 09.05.2007	On-farm conservation and molecular characterization of different landraces of rice Kumaun region of the Indian Central Himalaya	Dr. Rajneesh Kumar Agnihotri Environmental Physiology & Biotechnology Division GB Pant Institute of Himlayan Environment & Development Almora-263643	1224000
5.	SR/FTP/ETA-03/2007 15.05.2007	Investigation of the sound level produced by Jack Hammer Drill with drilling in rocks of different compressive strength	Dr. Harsha Vardhan Deptt. Of Mining National Institute of Technology Srinivasnagar-575025	1098000
6.	SR/FTP/ETA-14/2007 15.05.2007	Removal of dyes from wastewater by sorption onto water hyacinth roots	Dr. N. Rajamohan Deptt. Of Chemical Engineering, Faculty of Engineering & Technology Annamalai University Annamalainagar-608002	396000
7.	SR/FTP/ETA-10/2007 16.05.2007	Electrochemical Deposition Technique for Fabricating Solar Cells and IR Photodectors	Dr. Sujata K. Mahapatra C/o Dr. S. Panda, Deptt. Of Chemical Engineering Indian Institute of Technology-Kanpur Kanpur-208016	1884000
8.	SR/FTP/ETA-01/2007 16.05.2007	Development of copper based bulk amorphous/nanocrystalline metallic glasses	Dr.(Mrs.) Ansu J Kailath MST Division National Metallurgical Laboratory Jamshedpur-831007	1341000
9.	SR/FTP/ETA-25/2006 16.05.2007	Development of a simultaneous approach for integrated mass transit planning	Dr. Ashish Verma Deptt. Of Civil Engg. Indian Institute of Technology-Guwahati, Guwahati-781039	780000

10.	SR/FTP/ETA-07/2007 16.05.2007	Air quality models evaluations at traffic intersections in urban environments for regulatory compliance	Dr. Sharad B. Gokhale Deptt. Of Civil Engg. Indian Institute of Technology-Guwahati Guwahati-781039	1272000
11.	SR/FTP/CS-118/2006 23.05.2007	Development and Characterization of Langmuir-blodgett thin films of PVA based electroactive hydrogels for usage in smart structures	Dr. Prashant Kumar Pandey C/o Prof. N.S. Gajbhiye Deptt. Of Chemistry Indian Institute of Technology-Kanpur Kanpur-208016	2040000
12.	SR/FTP/CS-120/2006 23.05.2007	Microemulsion synthesis of Metal (mainly Au and Ag) nanoparticles and their nanosized oxides	Dr. Tokeer Ahmad Deptt. Of Chemistry, Faculty of Natural Science Jamia Millia Islamia New Delhi-110025	1968000
13.	SR/FTP/ES-52/2006 05.06.2007	Active tectonics and drainage development in the Nahan Salient NW Sub-Himalaya	Dr. Tejpal Singh Deptt. Of Earth Sciences Indian Institute of Technology-Roorkee Roorkee-247667	1200000
14.	SR/FTP/CS-139/2006 04.06.2007	Crystal engineering of pharmaceutical co-crystals of metal organic compounds	Dr. Yasser Azim School of Chemistry Hyderabad University Hyderabad-500046	1968000
15.	SR/FTP/CS-107/2006 04.06.2007	Dual-functionalized ionic liquid: Design and applications of ionic liquid supported metal catalysts in organic synthesis	Dr. Alakananda Hazra Deptt. Of Chemistry Visva-Bharati Santiniketan-731235	1992000
16.	SR/FTP/ETA-02/2007 05.06.2007	Structure-property correlation of multi-phase steel from the rough-fuzzy approach	Mr. Partha Dey School of Materials Science & Engineering Bengal Engineering & Science University Howrah-711103	1158000
17.	SR/FTP/ETA-11/2007 04.06.2007	Hybrid laser GMAW welding, laser beam welding and gas metal arc welding of AISI 904 L Super Austenitic stainless steel	Dr. P. Sathiya Deptt. Of Production Engineering National Institute of Technology Tiruchirapalli-620015	1224000
18.	SR/FT/L-56/2006 06.06.2007	Three dimensional structure determination of the novel Mammalian signaling proteins SPX - 40 during involution and their complexes with various Oligosaccharides and designed Oligopeptides	Dr. Janesh Kumar Deptt. Of Biophysics All India Institute of Medical Sciences New Delhi-110029	1241000
19.	SR/FT/L-57/2006 06.06.2007	Dietary essential amino acids requirement, optimum feeding rate and n-6 and n-3 fatty acids requirement of indian catfish	Dr. Imtiaz Ahmed Deptt. Of Zoology Kashmir University Srinagar-190006	1700000

		Heteropneustes fossilis with a view to develop nutritionally balanced feed for its intensive culture		
20.	SR/FT/L-152/2005 06.06.2007	Neuroprotective effect of curcumin on peroxynitrite and MPTP mediated neurodegeneration of dopaminergic neurons in vitro and in vivo: Therapeutic implications for Parkinson's diseases	Dr. MM Srinivas Bharath Deptt. Of Neurochemistry National Institute of Mental Health & Neuro Sciences Bangalore-560029	1206000
21.	SR/FT/L-53/2006 06.06.2007	Exploration and exploitation of microbial catabolic potentials for the bioremediation of selected heavy metal and hydrocarbon contaminants	Dr. Kazy Sifia Khannam Deptt. Of Agricultural & Food Engineering Indian Institute of Technology-Kharagpur Kharagpur-721302	1428000
22.	SR/FT/L-42/2006 06.06.2007	Involvement of apoptosis in cadmium induced immunosuppression	Dr. Arindam Bhattacharya Deptt. Of Environmental Science Kalyani University Nadia-741235	1020000
23.	SR/FT/L-31/2006 06.06.2007	Cultivation and conservation status of threatened medicinal herbs: An approach towards wasteland development/degraded slopes Kumaun Himalaya	Dr. Geeta Kharkwal Deptt. Of Botany Kumaun University Nainital-263002	1424000
24.	SR/FTP/CS-116/2006 13.06.2007	Second generation endrogen antagonists for prostate cancer	Dr. Vipin A Nair Deptt. Of Medicinal Chemistry National Institute of Pharmaceutical Education & Research (NIPER) Mohali-160062	2000000
25.	SR/FTP/ETA-27/2007 12.06.2007	Low cost technique for synthesis of nanostructured materials	Dr. R.M. Arunachalam Deptt. Of Mechanical Engg. Sona College of Technology Salem-636005	1062000
26.	SR/FTP/ETA-09/2007 12.06.2007	Time Shared Systems with dynamic weights in communication networks	Sr. Arzad A. Kherani Deptt. Of Computer Science & Engineering Indian Institute of Technology-Delhi New Delhi-110016	318000
27.	SR/FT/L-58/2006 14.06.2007	Seed Production and juveniles generation of macrobrachium gangeticum for small and medium scale hatchery	Dr. Suday Prasad Bihar Veterinary College Patna-800014	1216000
28.	SR/FT/L-41/2006	Transformation for abiotic stress tolerance through Gly I gene in Ammi majus for	Dr. Sanjeev Kumar Amity Institute of Biotechnology	912000

	18.06.2007	enhancement of xanthotoxin	Noida-201301	
29.	SR/FT/L-44/2006 18.06.2007	Toxic effects of plant origin pesticides on non-target aquatic organism	Dr. Sunil Kumar Singh Deptt. Of Zoology DDU Gorakhpur University Gorakhpur-273009	1206000
30.	SR/FT/L-51/2006 18.06.2007	Assessment of antimetabolic effects of protease inhibitor from ricebean (<i>vigna umbellata</i>) on pod borer (<i>Helicoverpa armigera</i>) and pulse beetle (<i>callosobruchus chinensis</i>)	Dr. Rajan Katoch Deptt. Of Plant Breeding & Genetics CSK Himachal Pradesh Krishi Vishva Vidyalaya Palampur-176062	1362000
31.	SR/FT/L-43/2006 22.03.2007	Calcium regulation of oil body biogenesis and mobilization in plants: Characterization of oil body - associated protein kinase-substrates	Dr. Veena S. Anil National Centre for Biological Sciences Bangalore-560065	1296000
32.	SR/FTP/ETA-29/2007 21.06.2007	Development of direct methanol fuel cell based on hybrid nafion membrane	Dr. Anil Verma Deptt. Of Chemical Engg. Indian Institute of Technology-Guwahati Guwahati-781039	1320000
33.	SR/FT/L-64/2006 04.07.2007	Identification and Elucidation of Novel Signaling Pathways involved in Monocytem/Macrophage activation, migration, differentiation, proliferation and death during dyslipidemia and atherosclerosis	Dr. Manoj Kumar Barthwal Pharmacology Division Central Drug Research Institute Lucknow-226001	1206000
34.	SR/FT/L-74/2006 04.07.2007	Biologically active antimicrobial secondary metabolites from endiphytic fungi isolated from vegetable crops	Dr. Ruchi Gulati Marwah Deptt. Of Plant Microbiology Delhi University New Delhi-110021	1830000
35.	SR/FT/L-68/2006 04.07.2007	Variation of ground orchid species richness and abundance along elevation gradient in Nainital, Kumaon Himalaya	Dr. Jeewan Singh Jalal Deptt. Of Wildlife Habitat Ecology Wildlife Institute of India Dehradun-248001	1352000
36.	SR/FT/L-67/2006 04.07.2007	Molecular analysis of genetic diversity and in vitro approaches for conservation of two endangered medicinal plants	Dr. Mohd. Faisal Deptt. Of Botany Aligarh Muslim University Aligarh-202002	1642000
37.	SR/FTP/ETA-04/2007 04.07.2007	Removal of toxic heavy metal ions and recovery of water using polymeric membranes	Dr. G. Arthanareeswaran Deptt. Of Chemical Engg. Anna University Chennai-600025	691200
38.	SR/FTP/ES-62/2006	Coastal and Nearshore Sedimentary Processes along Kakinada - Uppada Coast, East	Dr. T. Lakshmi Prasad Deptt. Of Geology Andhra University	1434000

	02.07.2007	Coast of India	Visakhapatnam-530003	
39.	SR/FTP/ES-55/2006 02.07.2007	Reconstruction of paleo SST variations in the northern Indian Ocean using Mg/Ca ratio in planktonic foraminifer as a proxy	Dr. Moturi Srirama Krishna Deptt. Of PNCO, School of Chemistry Andhra University Visakhapatnam-530003	948000
40.	SR/FTP/ES-47/2006 02.07.2007	Environmental Assessment and Eco-Restoration in Tamilnadu Coastal Zone Using Remote Sensing and GIS Technique	Dr. C. Lakshmanan Centre for Remote Sensing Bharathidasan University Tiruchirapalli-620024	726000
41.	SR/FTP/PS-45/2006 02.07.2007	Developemnt of Poly (3-alkylthiophenes) based Composites for Application in Solar Energy Generation Devices	Dr. Jitendra Kumar Electronic Material Division National Physical Laboratory New Delhi-110012	1488000
42.	SR/FTP/ES-30/2006 02.07.2007	Delineation of the Subduction Geometry along Burmese - Andaman ARC through Inversion of Gravity and Travel Time Data amd Migration of Receiver Function	Dr. Lopamudra Roy Indian Institute of Geomagnetism Navi Mumbai-410218	1212000
43.	SR/FTP/ETA-20/2007 29.06.2007	Design of NRD guide based millimeter wave integrated circuits for broadband communications network	Dr. Nagendra Prasad Pathak Deptt. Of Electronics & Computer Engineering Indian Institute of Technology-Roorkee Roorkee-247667	1854000
44.	SR/FTP/ETA-24/2006 03.07.2007	Experimental and numerical studies on composite materials with periodic filler for microwave applications	Dr. Juti Rani Deka Deptt. Of Physics Tezpur University Tezpur-784028	1974000
45.	SR/FT/L-69/2006 06.07.2007	Studies on Production and Evaluation of Virulent isolates of Helicoverpa armigeras Nuclear polyhedrosis virus (HaNPV) against Helicoverpa armigera in different crops	Dr. D.N., Kambrekar Deptt. Of Agricultural Entomology University of Agricultural Sciences Dharwad-580005	1134000
46.	SR/FTP/ETA-12/2007 06.07.2007	Joining thermoplastic composite pipes	Mr. K. Panneerselvam Deptt. Of Production Engineering National Institute of Technology Tiruchirapalli-620015	1416000
47.	SR/FTP/ETA-25/2007 04.07.2007	Development of power electronics based ballast for metal halide HID lamps to achieve efficient system of artificial lighting	Mr. Ahteshamul Haque Deptt. Of Electrical Engg., ZH College of Engg. & Tech. Aligarh Muslim University Aligarh-202002	1524000
48.	SR/FTP/CS-	Graft Copolymerization on to	Dr. A.N. Jyoti	1836000

	115/2006 10.07.2007	Cassava Starch and evaluation of the products	Div. of Crop Utilization Central Tuber Crops Research Institute Thiruvananthapuram-695017	
49.	SR/FT/L-70/2006 12.07.2007	Deregulated initiation of translation in oral carcinogenesis	Dr. Jatinder Kaur Deptt. Of Biochemistry All India Institute of Medical Sciences New Delhi-110029	1350000
50.	SR/FT/L-75/2006 12.07.2007	Evaluation of tear-fluid constituents in various ocular pathological conditions using tandem mass spectrometry	Dr. Alok Kumar Ravi Deptt. Of Ocular Phatmacology & Pharmacy, Dr RP Centre All India Institute of Medical Sciences New Delhi-110029	1819000
51.	SR/FT/L-76/2006 12.07.2007	Improving seed yield, zinc density and nutritive quality of edible legumes through foliar application of Zn at early reproductive phase	Dr. G.C. Pathak Deptt. Of Botany Lucknow University Lucknow-226007	1610000
52.	SR/FT/L-77/2006 12.07.2007	Development of multiplex PCR for diagnosis of Chikungunay and dengue viral infections	Dr. Baijayantimala Mishra Deptt. Of Virology Post Graduate Institute of Medical Education & Research (PGIMER) Chandigarh-160012	935000
53.	SR/FTP/L-73/2006 17.07.2007	Screening the antimicrobial activity of Indian medicinal plants against viral and bacterial pathogens of shrimp and prawn	Dr. G. Balasubramanian Aquaculture Biotechnology Div. C Abdul Hakeem College Melvishram-632509	1044000
54.	SR/FTP/CS-144/2006 18.07.2007	Nanocomposite polymer electrolytes for dye sensitized solar cells	Dr.(Mrs.) Sutapa Ghosh Inorganic & Physical Chemistry Div. Indian Institute of Chemical Technology Hyderabad-500007	2000000
55.	SR/FTP/CS-110/2006 17.07.2007	Preparation of carbon nanofibres by polymer blend techniques	Dr. Mitali Saha Deptt. Of Chemistry Indian Institute of Technology-Kanpur Kanpur-208016	1914000
56.	SR/FTP/CS-103/2006 18.07.2007	Improving bioavailability of neurotensin peptide: Design, Synthesis conformational characterization and biological studies of neurotensin glycopeptide analogs	Dr. Dhanasekaran Muthu Deptt. Of Medicinal Chemistry National Institute of Pharmeceutical Education & Research (NIPER) Mohali-160062	1930000
57.	SR/FTP/CS-124/2006	Preparation and photocatalytic activity of titanate nanotubes and nanofibres by	Dr. Mohammad Qamar Deptt. Of Chemistry Indian Institute of Technology-	1998000

	17.07.2007	hydrothermal process	Delhi New Delhi-110016	
58.	SR/FT/L-91/2006 18.07.2007	Bioremediation of oily sludge contaminated soil using microbial surfactants	Dr. Vikas Pruthi Deptt. Of Biotechnology Indian Institute of Technology- Roorkee Roorkee-247667	1926000
59.	SR/FT/L-102/2006 18.07.2007	Development of vaccine against visceral leishmaniasis using dendritic cells	Dr. Farhat Afrin Deptt. Of Biotechnology Jamia Hamdard New Delhi-110062	1646000
60.	SR/FT/L-92/2006 18.07.2007	Studies on functional aspects of human telomeric RNA associated proteins in telomerase	Dr. Rajesh Dabur Regional Research Institute Pune-411038	1678000
61.	SR/FT/L-90/2006 18.07.2007	Molecular characterization of keratinophilic fungi isolated from soils	Dr. Sanjaja Kaul Deptt. Of Biotechnology Jammu University Jammu-180006	1416000
62.	SR/FT/L-79/2006 18.07.2007	Studies on some chemotherapeutic agents of plant origin in relation to their cytotoxic nature in cancer control	Dr. GD Khedkar Deptt. Of Zoology Dr. Babasaheb Ambedkar Marathwada University Aurangabad-431004	1134000
63.	SR/FT/L-78/2006 18.07.2007	Nanoparticle mediated targeted siRNA delivery to cancer cell lines	Dr. Utpal Bora Deptt. Of Biotechnology Indian Institute of Technology- Guwahati North Guwahati-781039	1296000
64.	SR/FT/L-80/2006 18.07.2007	Protein profiling and molecular tagging of genes in chickpea (<i>cicer arietinum</i> L.)	Dr. Jagdamba Prasad Misra Deptt. Of Agricultural Biotechnology, College of Agriculture SVBP University of Agriculture & Technology Meerut-250110	1990000
65.	SR/FT/L-59/2006 18.07.2007	Molecular mapping of fibre quality Trait QTL's and Marker Assisted Selection (MAS) in upland cotton (<i>Gossypium hirsutum</i> L.)	Dr. Vijay N. Waghmare Div. of Crop Improvement Central Institute of Cotton Research Nagpur-440010	1860000
66.	SR/FT/L-106/2006 18.07.2007	Exploitation of Microbes for the management of important fungal pathogens of <i>Agaricus bisporus</i> (white button mushroom)	Dr.(Mrs.) Mandvi Singh Deptt. Of Plant Pathology CS Azad University of Agriculture & Technology Kanpur-208002	1265000
67.	SR/FT/L-98/2006 18.07.2007	Effects of insect resistant BT-transgenic crops on arthropod biodiversity and beneficial natural enemies in the cotton ecosystems	Dr. Mukesh K. Dhillon GT Biotechnology (Entomology) International Crops Research Institute for the Semi Arid Tropics (ICRISAT)	1296000

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68.	SR/FT/L-104/2006 18.07.2007	Evaluation of novel botanical formulations prepared from mangrove plant extracts against vegetable crop pests	Dr. M. Gabriel Paulraj Entomology Research Institute Loyola College Chennai-600034	1110000
69.	SR/FTP/CS-133/2006 19.07.2007	Synthesis and characterization of silica polymer nanocomposites for environmentally benign, biological and industrially significant organic transformations	Dr. Amit Dubey Chemistry Group Birla Institute of Technology & Science Pilani-333031	1920000
70.	SR/FTP/CS-134/2006 19.07.2007	Novel environmental friendly protocols using nanosize heterogeneous catalysts for synthesis of some biologically important molecules	Dr. Braja Gopal Mishra Chemistry Group Birla Institute of Technology & Science Pilani-333031	1932000
71.	SR/FTP/CS-119/2006 19.07.2007	Crystal engineering with sulfinic acid sulfinamide groups and network structures	Dr. Binoy Krishna Saha Deptt. Of Chemistry, School of Physical, Chemical & Applied Science Pondicherry University Pondicherry-605014	1548000
72.	SR/FTP/CS-135/2006 19.07.2007	Studies towards incorporation of selenium and tellurium in the B-lactam heterocycle and their biological activities	Dr. Aman Bhalla Deptt. Of Chemistry Punjab University Chandigarh-110014	1848000
73.	SR/FTP/CS-92/2006 19.07.2007	Role of secondary bonding interactions among functionalized organotellurium compounds	Dr. Arun Kumar Deptt. Of Chemistry Indian Institute of Technology-Kanpur Kanpur-208016	2000000
74.	SR/FT/L-99/2006 19.07.2007	Investigation of exploitation of facultative marine fungi and iron nanoparticle for arsenic bioremediation	Dr.(Ms.) Anjana K Vala Deptt. Of Bioinformatics Bhavnagar University Bhavnagar-364002	1241000
75.	SR/FT/L-103/2006 23.07.2007	Ecology and nematode diversity of Kaziranga National Park, Assam	Dr. Md. Baniyamuddin Nematode Biodiversity Research Laboratory, Deptt. Of Zoology Aligarh Muslim University Aligarh-202002	1986000
76.	SR/FT/L-97/2006 23.07.2007	Prodrugs and mutual prodrugs of some antimicrobial & non steroidal anti-inflammatory drugs: Synthesis, pharmaceutical and biology evaluation	Dr. Asif Hussain Deptt. Of Pharmaceutical Chemistry Jamia Hamdard New Delhi-110062	1014000
77.	SR/FTP/CS-109/2006 25.07.2007	Synthesis and study of an amino acid based vinyl monomers and polymers in aqueous media	Dr. Arti Srivastava Deptt. Of Chemistry Banaras Hindu University Varanasi-221005	1992000

78.	SR/FTP/ETA-34/2007 25.07.2007	Investigation of diversity in radar imaging parameters	Dr. Amit Kumar Mishra Deptt. Of ECE Indian Institute of Technology- Guwahati Guwahati-781036	1020000
79.	SR/FT/L-61/2006 27.07.2007	Developing new potassium solublizing bio-inoculant for balanced and sustainable soil fertility	Dr. P. Raja Deptt. Of Agricultural Microbiology, Centre for Advanced Studies in Agricultural Microbiology Tamil Nadu Agricultural University Coimbatore-641003	1352000
80.	SR/FT/L-62/2006 27.07.2007	Development of Phytochemical and molecular markers and tissue culture studies on a medicinal plant <i>adhatoda vasica</i>	Dr. Sayeed Ahmad Deptt. Of Pharmacognosy & Phytochemistry Jamia Hamdard New Delhi-110062	962000
81.	SR/FT/L-83/2006 27.07.2007	Structural properties and folding mechanism of apo cytochrome C552 from <i>Hydrogenobacter thermophilus</i>	Dr. Vikash Kumar Dubey Deptt. Of Biotechnology Indian Institute of Technology- Guwahati Guwahati-781039	1150000
82.	SR/FT/L-82/2006 18.07.2007	Development of Therapeutic Human Antibodies Against Cripto-1: Targeting Incogenic Signalling	Dr. Biplab Bose Deptt. Of Biotechnology Indian Institute of Technology- Guwahati Guwahati-781039	1034000
83.	SR/FT/L-109/2006 03.08.2007	Enhancing Systemic and Target Tissue levels of Curcumin and its Analogs	Dr. A.V. Jithan Vaagdevi College of Pharmacy Warrangal-506001	300000
84.	SR/FT/L-93/2006 03.08.2007	Understanding the mechanism of action of platelet activating factor-acetylhydrolase (PAF-AH)	Dr. Abhay H. Pande Deptt. Of Biotechnology National Institute of Pharmeceutical Education & Research (NIPER) SAS Nagar-160062	661000
85.	SR/FT/L-100/2006 03.08.2007	Studies on synergistic effect of trichoderma on legume-rhizobium symbiosis and development of a mixed formulation of trichoderma and rhizobium	Dr. Poonam C. Singh Div. of Plant Pathology National Botanical Research Institute Lucknow-226001	373000
86.	SR/FT/L-95/2006 03.08.2007	Structural and functional studies of insulin-like growth factor binding proteins for developing novel IGF-antagonist based cancer therapeutics	Dr. Hanudatta S. Atreya NMR Research Centre Indian Institute of Science Bangalore-560012	887000
87.	SR/FT/L-66/2006	Genetic evaluation of Factor B and complement component	Dr. Inderjeet Kaur Kallam anji Reddy Molecular	959000

	03.08.2007	C2 in the susceptibility to Age-related Macular Degeneration	Genetics Lab, Brien Holden Eye Research Centre Hyderabad Eye Research Foundation Hyderabad-500034	
88.	SR/FT/L-105/2006 03.08.2007	Effect of biotic and abiotic factors on the growth metabolism of cephaluros parasiticus karst, the causal organism of red rust disease in tea plants	Dr. P. Ponnuragan Deptt. Of Biotechnology KS Rangasamy Collge of Technology Tiruchengodu-637209	876000
89.	SR/FTP/ETA-16/2007 01.08.2007	Design and synthesis of mesoporous titanosilicate supported gold nano particle useful for mil oxidation reaction	Dr. Biswajit Chowdhury Central Glass & Ceramic Research Institute Kolkata-700032	1926000
90.	SR/FTP/PS-41/2006 06.08.2007	Observations of Dust Scattering using Galex	Dr. N.V. Sujatha Indian Institute of Astrophysics Bangalore-560034	1152000
91.	SR/FTP/CS-132/2006 07.08.2007	Synthesis and applications of room temperature ionic liquids	Dr. Monika Gupta Deptt. Of Chemistry Jammu University Jammu-180006	1812000
92.	SR/FTP/CS-126/2006 07.08.2007	Development of new multicomponent reactions for the preparation of imidazoles and their use in synthesis of purines	Dr. Sankar K. Guchhait Deptt. Of Medicinal Chemistry National Institute of Pharmeceutical Education & Research (NIPER) Mohali-160062	2000000
93.	SR/FT/L-72/2006 08.08.2007	Sea anemone toxin and their pharmacological properties and biomedical applications	Dr. S. Bragadeeswaran Centre of Advanced Study in Marine Biology Annamalai University Parangipettai-608502	521000
94.	SR/FTP/PS-52/2006 08.08.2007	SHG active self-assembled Nano-architectures	Dr. Pritam Mukhopadhyay School of Physical Sciences Jawaharlal Nehru University New Delhi-110067	1366000
95.	SR/FTP/PS-48/2006 08.08.2007	Experimental Investigation on the relationship between the molecular structure and Physical properties of Banana Liquid Crystals	Dr. Surajit Dhara School of Physics Hyderabad University Hyderabad-500046	1578000
96.	SR/FT/L-113/2006 08.08.2007	A perpetual problem can diurnal changes in tissue Fe bring it to a solution	Dr. Preeti Pande Deptt. Of Botany Lucknow University Lucknow-226007	1308000
97.	SR/FT/L-81/2006 07.08.2007	Studies on chromium induced responses in catharanthus roseus with special reference to its active constituents -	Dr. Vartika Rai Deptt. Of Botany Lucknow University Lucknow-226007	1390000

		vincristine and vinblastine		
98.	SR/FTP/ETA-05/2002 08.08.2007	Reclaiming of Ground Rubber Tire (GRT) by multi-functional reclaiming agent	Dr. Debapriya De MCKV Institute of Engineering Howrah-711204	521993
99.	SR/FTP/ES-49/2006 13.08.2007	Assessment of pollution and vulnerability status of water supply aquifers in Mettur Taluk, Salem District, Tamilnadu using Geophysical, Hydrogeochemical and Isotopic Techniques	Dr. K. Srinivasmoorthy Deptt. Of Earth Sciences Annamalai University Chidambaram-608002	948000
100	SR/FTP/ES-56/2006 14.08.2007	Arsenic and Fluoride distribution and Migration in ground water of Imphal, Thoubal and Bishnupur districts in Manipur - An Approach for ground water resource management	Dr. Oinam Jayalakshmi Devi School of Environmental Sciences Jawaharlal Nehru University New Delhi-110067	1344000
101	SR/FT/L-89/2006 14.08.2007	Identification of light harvesting complex I proteins in chlamydomonas reinhardtII by using peptide tag antibodies	Dr. Subramanyam Rajagopal Deptt. Of Biochemistry, School of Life Sciences Hyderabad University Hyderabad-500046	1452000
102	SR/FT/L-111/2006 16.08.2007	Screening of community and hospital isolates of enterobacteriaceae for prevalent ESBLs, AmpC B-lactamases and carbapenemases: exploring the reservoir and genetic environment	Dr. M. Shahid Deptt. Of Microbiology, Jawaharlal Nehru Medical College Aligarh Muslim University Aligarh-202002	1308000
103	SR/FT/L-114/2006 16.08.2007	Studies on the natural microbial communities of the hot water springs of Uttaranchal State	Dr. Navneet Batra Deptt. Of Biotechnology GGD Sanatan Dharma College Chandigarh-160030	1014000
104	SR/FT/L-60/2006 16.08.2007	Enhancement of resistance to Panama wilt (Fusarium Oxysporum f. sp. Cubense) of Banana Mediated through co-culturing of banana plantlets with PGPR and Endophytes.	Dr. M. Kavino Deptt. Of Fruits Crops, Horticultural College & Research Institute Tamil Nadu Agricultural University Coimbatore-641003	1176000
105	SR/FTP/ES-64/2006 16.08.2007	Ground Water Resources Development and Management in a Backward district of Srikakulam of Andhra Pradesh	Dr. D. John Devdas Deptt. Of Geology Andhra University Visakhapatnam-530003	1560000
106	SR/FTP/CS-138/2006 16.08.2007	Limnescent signalling probe materials for metal ions and complex chemical logic action	Dr. Bamaprasad Bag Renewable Energy Cell Institute of Minerals and Materials Technology Bhubaneswar-752013	1746000

107	SR/FTP/ETA-33/2007 16.08.2007	Development of a metal hydride based thermal energy storage systems	Mr. P. Muthukumar Deptt. Of Mechanical Engg. Indian Institute of Technology- Guwahati Guwahati-781039	1002000
108	SR/FTP/ETA-19/2007 16.08.2007	Reduction of excess sludge production in activated sludge process of industrial effluent using novel electrochemical techniques	Dr. M. Muthukumar Deptt. Of Environmental Science Bharathiar University Coimbatore-641046	1170000
109	SR/FT/L-65/2006 20.08.2007	Role of signalosome in plant development: Isolation of COP1 mutants in tomato by TILLING	Dr. Y. Sreelakshmi Deptt. Of Plant Sciences, School of Life Sciences Hyderabad University Hyderabad-500046	912000
110	SR/FT/L-112/2006 20.08.2007	To detect the genetic diversity of Papaya leaf Curl Virus (PLCV) in India for the development of effective management strategies	Dr. Akil Ahmed Khan Deptt. Of Botany Aligarh Muslim University Aligarh-202002	1314000
111	SR/FT/L-86/2006 20.08.2007	Biodegradation of various industrial dyes by Trichosporon beigelii	Dr. GD Saratale Deptt. Of Biotechnology Engineering Tatyasaheb Kore Institute of Engineering & Technology Warannagar-416113	918000
112	SR/FT/L-107/2006 20.08.2007	Biointensified integrated pest management of fruitfly (Bactrocera spp.) through entomogenous fungi on pear ecosystem in mid hills of North Western Himalayan Region of Uttarakhand	Dr. JP Purwar GB Pant University of Agriculture & Technology Pantnagar-263145	312000
113	SR/FT/L-85/2006 20.08.2007	Taxonomy, distribution and biology of entomopathogenic nematodes infesting insect pest of pulses in Uttar Pradesh	Dr. Azra Shaheen Indian Institute of Pulses Research Kanpur-208024	1164000
114	SR/FTP/ETA-32/2007 17.08.2007	Developemnt of nano-composites based on engineered polymers for performance enchancement in tribology	Dr. Nidhi C/o Prof. J. Bijwe 239/V, ITMEC Indian Institute of Technology- Delhi New Delhi-110016	1380000
115	SR/FTP/ETA-13/2007 21.08.2007	Processing of aluminium alloys by spray casting	Dr. N.S. Mahesh Deptt. Of Mechanical Engg. JSS Academy of Technical Education Bangalore-560060	1122000
116	SR/FTP/ETA-21/2007 20.08.2007	An investigation on the effect of multiple contaminant migration in soils	Dr. S. Sreedeeep Deptt. Of Civil Engg. Indian Institute of Technology- Guwahati Guwahati-781039	978000

117	SR/FTP/ETA-18/2007 21.08.2007	Microwave sintering of refractory metal and alloy powders and properties characterization	Dr. Y. Purushotham Centre for Materials for Electronics Technology (C-Met) Hyderabad-500051	1614000
118	SR/FTP/ETA-29/2006 21.08.2007	Compact microwave dielectric resonator antennas for communication applications	Dr. Jaimon Yohannan Microwave Tomography & Materials Research, Deptt. Of Electronics Cochin University of Science & Technology Cochin-682022	1500000
119	SR/FTP/ETA-30/2007 21.08.2007	Temperature and pressure effect of two phase flow across control valve and pipe in series	Dr. R. Rani Hemamallini Electronics & Instrument Engineering St. Peter's Engineering College Chennai-600054	1200000
120	SR/FTP/CS-125/2006 22.08.2007	Unique applications for hypervalent iodine reagents in organic synthesis	Dr. Ravi Kumar Deptt. Of Chemistry Kurukshetra University Kurukshetra-	522000
121	SR/FTP/CS-99/2006 20.08.2007	Synthesis and study of novel comptothecin and mappicine analogues	Dr. F. Nawaz Khan School of Science Humanities Vellore Institute of Technology Vellore-632014	1662000
122	SR/FT/L-71/2006 22.08.2007	Development of introgression lines towards pyramiding of aroma QTLs in basmati rice (oryza sativa L.)	Dr.(Ms.) Tuhina Dey Div. of Plant Breeding and Genetics Sher-e-Kashmir University of Agriculture and Technology Jammu-180009	780000
123	SR/FT/L-87/2006 22.08.2007	Studies on molecular mechanism of calreticulin transacetylase (CRTAase) catalyzed activation of nitric oxide synthase and its biological implications	Dr. Ajit Kumar Deptt. Of Biochemistry, VP Chest Institute Delhi University New Delhi-110007	1994000
124	SR/FT/L-96/2006 22.08.2007	Detection of enteroviral genome in myocardial tissue of dilated cardiomyopathy with histopathological correlation	Dr. Uma Nahar Saikia Deptt. Of Histopathology Post Graduate Institute of Medical Education & Research (PGIMER) Chandigarh-160012	828000
125	SR/FT/L-101/2006 24.08.2007	Clinical proteomics as a diagnostic tool for early detection of osteoarthritis	Dr. Varsha Gupta Deptt. Of Biotechnology Chatrapati Shahuji Maharaj University Kanpur-208024	936000
126	SR/FTP/CS-142/2006	Studies towards the development of reusable chiral catalysts for asymmetric	Dr. S. Velmathi Deptt. Of Chemistry National Institute of	1992000

	24.08.2007	synthesis	Technology Tiruchirapalli-620015	
127	SR/FTP/CS- 14/2006 24.08.2007	Supramolecular design of hybrid organic-inorganic coordination polymers tailored by poly-dentate imine ligands	Dr. Goutam Kumar Patra Vijoygarh Jyotish Ray College Kolkata-700032	1590000
128	SR/FTP/CS- 75/2006 24.08.2007	Characterization and anaerobic digestion of putrescible fractions in Municipal Solid Waste (MSW)	Dr. M.K. Mondal Deptt. Of Chemical Engineering & Technology, Institute of Technology Banaras Hindu University Varanasi-221005	1890000
129	SR/FT/L- 88/2006 27.08.2007	Diversity analysis, characterization and documentation of Avare (Lablab purpureus L.) genetic resources in Northern Karnataka	Dr. BS Patil Deptt. Of Genetics and Plant Breeding, College of Agriculture University of Agricultural Sciences Gulbarga-585287	720000
130	SR/FT/L- 84/2006 24.08.2007	In Silico studies of structure, function and evolution of the iron dependent regulators from mycobacteria and related species	Dr. Sarita Ranjan Blue Peter Research Centre LEPRA INDIA Hyderabad-501301	1140000
131	SR/FT/L- 94/2006 27.08.2007	Role of mitochondria-targeted antioxidants in combating parkinsons's disease: an in vivo and in vitro study	Dr. Shasi Vardhan Kalivendi Div. of Chemical Biology Indian Institute of Chemical Technology Hyderabad-500007	840000
132	SR/FTP/ETA- 23/2007 21.08.2007	Experimental investigation and finite element simulation of workability of Al-TiC metal matrix composites during cold upsetting	Dr. T. Ramesh Deptt. Of Mechanical Engg. National Institute of Technology Tiruchirapalli-620015	1296000
133	SR/FTP/CS- 76/2006 27.08.2007	Chiral Sulfoximines assisted asymmetric synthesis of a novel unsaturated acyclic and cyclic alpha-amino acids	Dr. Milind D. Nikalje Deptt. Of Chemistry Pune University Pune-411007	1872000
134	SR/FTP/CS- 101/2006 27.08.2007	Generation and trapping of furo [3,4-c] pyrazoles: Synthesis of biologically potent heterocyclic analogues	Dr. Niranjan Panda Deptt. Of Chemistry National Institute of Technology Rourkela-769008	1452000
135	SR/FTP/CS- 98/2005 27.08.2007	Theoretical models to obtain long time and high temperature dynamics of ligand binding to heme proteins	Dr. Madhavi Sastry C/o Narahari Sastry Molecular Modeling Group Indian Institute of Chemical Technology Hyderabad-500007	1940000
136	SR/FT/L- 116/2006 29.08.2007	Utility of phage amplification technique for determination of drug resistance against mycobacteria	Dr. Nanda Hemvani Deptt. Of Microbiology & Immunology Choithram Hospital &	1297000

			Research Centre Indore-4520014	
137	SR/FT/L- 117/2006 03.09.2007	Status and ecology of spot-billed pelican pelecanus philippenis in karaivetti bird sanctuary, Tamil Nadu	Dr. V. Gokula Deptt. Of Zoology National College Tiruchirapalli-620001	414000
138	SR/FTP/ETA- 26/2007 31.08.2007	Assessment of hydroclimatic teleconnection for basin-scale, real-time streamflow and its use in real time streamflow forecasting	Mr. Rajib Maiti Deptt. Of Civil Engg. Indian Institute of Technology- Bombay Mumbai-400076	420000
139	SR/FTP/ETA- 24/2007 31.08.2007	Arsenic removal by electrochemical Ion Exchange (EIX) Process	Dr. Pranab Kumar Ghosh Deptt. Of Civil Engg. Indian Institute of Technology- Guwahati Guwahati-781039	669600
140	SR/FTP/ETA- 35/2007 07.09.2007	Process development of nano CaCO ₃ synthesis using sonochemical carbonization method & its assistant effect on TiO ₂ dispersion	Dr. Shirish Sonawane Deptt. Of Chemical Engg. Vishwakarma Institute of Technology Pune-411037	696000
141	SR/FTP/ETA- 15/2007 10.09.2007	Development of electronic tongue for quality assessment of black tea	Mr. Bipin Tudu Deptt. Of Instrumentation and Electronics Engg. Jadavpur University Kolkata-700098	390000
142	SR/FTP/CS- 12/2006 12.09.2007	Design and synthesis of 8-aminoquinolines as antimalarial agents	Dr. Meenakshi Jain Deptt. Of Medicinal Chemistry National Institute of Pharmeceutical Education & Research (NIPER) SAS Nagar-160062	1638000
143	SR/FTP/CS- 28/2007 12.09.2007	Low temperature water-gas shift reaction over Cu-nanoclusters supported on ZnO/Al ₂ O ₃ for practical fuel cell application	Dr. Rajaram Bal Characterization Laboratory, Catalyysis Conversion Process Division Indian Institute of Petroleum Dehradun-248005	1941600
144	SR/FTP/CS- 15/2007 20.09.2007	Organocatalysed asymmetric a-bromination of aldehydes, ketones and b-keto esters and b-diketones	Dr. Papor Goswami Deptt. Of Chemistry Indian Institute of Technology- Guwahati Guwahati-781039	1860000
145	SR/FTP/CS- 26/2007 20.09.2007	Engineering of transition metal-organic coordination polymers using azide and dicarboxylate bridging ligands, towards application in molecular magnetism: an experiment - theory correlation	Dr. Sudipta Dalai Deptt. Of Chemistry & Chemical Technology Vidyasagar University Midnapore-721102	1926000
146	SR/FTP/CS- 34/2007	Novel safety-catch linkers for solid phase synthesis of	Dr. Anil Kumar Chemistry Group	1954800

	20.09.2007	organix compounds with potential medicinal applications	Birla Institute of Technology & Science Pilani-333031	
147	SR/FTP/CS-10/2007 20.09.2007	Amphiphilic dendrimer templates for encapsulation of mono/bimetallic nanoparticles catalyst to carry out industrial/pharmaceutically valuable biophase organic reaction	Dr. E. Murugan Deptt. Of Physical Chemistry Madras University Chennai-600025	1927920
148	SR/FTP/CS-25/2007 20.09.2007	Diversity of oriented synthesis of natural product-like small molecule hybrids and homodimers	Dr. M. Muthukrishnan Organic Chemistry & Technology Division National Chemical Laboratory Pune-411008	1973000
149	SR/FTP/CS-108/2006 20.09.2007	Synthesis and study of novel macrocyclis using substituted 4-piperidone moiety	Dr. V. Vijay Kumar Deptt. Of Chemistry Vellore Institute of Technology Vellore-632014	1972800
150	SR/FTP/CS-130/2006 20.09.2007	Synthesis of polymer.clay nanocompositeds by emulsifier free emulsion technique: superabsorbency and biodegradable study	Dr. Sarat Kumar Swain Deptt. Of Chemistry North Orissa University Baripada-757003	1932000
151	SR/FTP/CS-04/2007 20.09.2007	Developemmnt of molecularly imprinted biomaterials for cholesterol recognition	Dr.(Mrs.) Radha Gupta Deptt. Of Biological Sciences & Bioengineering Indian Institute of Technology- Kanpur Kanpur-208002	1656000
152	SR/FTP/ES-07/2007 20.09.2007	Studies on phytoplankton responses to monsoon driven environmental changes in a tropical environment	Dr. Jagadish S. Patil Marine Corrosion & Materials Research Division National Institute of Oceanography Dona paula-403004	1014000
153	SR/FTP/PS-31/2006 20.09.2007	Study of Physical Behaviour of ZnO as a host of Semiconducting Nano Material	Dr. Sudipta Bandopadhyay Deptt. Of Physics Calcutta University Kolkata-700009	1434000
154	SR/FTP/CS-09/2007 20.09.2007	Synthesis and self-assembly of magnetic nanostructures: A search for novel phenomenon	Dr.(Mrs.) Seema Verma Physical & Materials Division National Chemical Laboratory Pune-411008	1644000
155	SR/FTP/CS-11/2007 20.09.2007	Design and synthesis of novel metal - organic frameworks their physico-chemical studies and applications	Dr. Shama Parveen Deptt. Of Chemistry Aligarh Muslim University Aligarh-202002	1572000
156	SR/FTP/CS-27/2007	Heterogenised biomimetic galactose oxidase complexes: catalysts for the conversion of	Dr. R. Mahalakshmy National Centre for Catalytic Research, Deptt. Of Chemistry	1602000

	20.09.2007	bio based polyols into fine chemicals	Indian Institute of Technology-Madras Chennai-600036	
157	SR/FT/L-115/2006 21.09.2007	Biochemical analysis of rotifer species of family Brachionidae to be used as live feed	Dr.(Ms.) Sarabjeet Kour Deptt. Of Zoology Jammu University Jammu-180004	2021000
158	SR/FTP/CS-104/2006 24.09.2007	Hierarchical nanoporous materials for petroleum, biodiesel refining and for future applications to energy and environment problems	Dr. Anil Kumar Sinha Catalytic Conversion and process Development Division Indian Institute of Petroleum Dehradun-248005	1800000
159	SR/FTP/CS-136/2006 24.09.2007	Design and synthesis of c-2 symmetric organocatalysts for asymmetric reactions	Dr. Subhash Ghosh Deptt. Of Organic-III Indian Institute of Chemical Technology Hyderabad-500007	1740000
160	SR/FTP/CS-57/2006 24.09.2007	Physico-chemical studies of metal and metal oxide nanoparticle	Dr.(Mrs.) Nupur Bahadur Materials Characaterization Division National Physical Laboratory New Delhi-110012	2004000
161	SR/FTP/CS-31/2007 24.09.2007	Probing and perturbing the frontiers of covalent systems	Dr. Pattath D. Pancharatna Pondicherry University Pondicherry-605014	2040000
162	SR/FT/L-108/2006 25.09.2007	Studies on the orphan estrogen-related receptor alpha expression during calorie restriction in mice	Dr. Harmit Singh Ranhotra Deptt. Of Biochemistry St. Edmund's College Shillong-793003	575000
163	SR/FTP/CS-30/2007 28.09.2007	Synthesis and evaluation of multifunctional diesel fuel additives from vegetable oils	Dr. Amjad Ali School of Chemistry & Bio-chemistry Thapar University Patiala-147004	1870080
164	SR/FTP/CS-07/2007 28.09.2007	Clean and efficient synthesis of coumarins over modified metal oxides via pechmann reaction	Dr. Joyce Queeny Menezes Deptt. Of Chemistry Indian Institute of Technology-Madras Chennai-600036	1692000
165	SR/FTP/CS-02/2007 01.10.2007	The properties of protein hydration water and their connection to protein motions	Dr. Sanjib Senapati Deptt. Of Biotechnology Indian Institute of Technology-Madras Chennai-600036	2038320
166	SR/FTP/ETA-06/2007 03.10.2007	Frequent Itemset based classification	Dr. Vikram Pudi International Institute of Information Technology Hyderabad-500032	385200
167	SR/FTP/ETA-45/2007	Investigation on reactive power problems and voltage instability in power systems of	Dr.(Ms.) Sudipta Nath Deptt. Of Electrical Engg. Netaji Subhash Engineering	300000

	03.10.2007	developing countries	College Kolkata-700152	
168	SR/FT/L- 63/2006 09.10.2007	Biological approach for the degradation of coir industry wastes through saprophytic fungi	Dr. G. Panduranga Murthy PG Deptt. Of Studies in Bio-technology JSS Academy of Technical Education Mysore-570025	719000
169	SR/FT/L- 16/2006 16.10.2007	Toll like receptor characterization in the male reproductive tract of rodents	Dr. Suresh Yenugu Deptt. Of Animal Sciences Hyderabad University Hyderabad-500046	826000
170	SR/FTP/CS- 36/2007 17.10.2007	Synthesis, Characterization and Reactivity Studies of Porous, Multifunctional Metal-Organic Frameworks	Dr. Raju Mondal Deptt. Of Inorganic Chemistry Indian Association for the Cultivation of Science Kolkata-700032	1980000
171	SR/FTP/CS- 32/2007 17.10.2007	Effects of substitution and structural features on bio-activity of benzodiazepine receptor ligands	Dr. Mamta Takur Deptt. Of Chemistry Ujjain Engineering College Ujjain-452009	1207200
172	SR/FTP/ETA- 31/2007 18.10.2007	Development of microplasma spraying technique for the preparations of nanomaterials for gas sensors applications	Mr. A. Chandra Bose Deptt. Of Physics National Institute of Technology Tiruchirapalli-620015	1980000
173	SR/FTP/ETA- 46/2007 18.10.2007	A composite colour texture object shape feature using saturation thresholding from the HSV color space and fuzzy approach for content based image and video retrieval	Dr. A. Vadivel Deptt. Of Computer Applications National Institute of Technology Tiruchirapalli-620015	1860000
174	SR/FTP/ETA- 48/2007 18.10.2007	The determination of resistance to stable crack extension of ductile material and their weld using specimens of low constraint by measurement of stretched zone width formed during fracture	Dr. Sandeep Bansal Deptt. Of Metallurgical & Materials Engineering Indian Institute of Technology- Roorkee Roorkee-247667	1074000
175	SR/FTP/ETA- 49/2007 22.10.2007	Development, study and analysis of nano-ceramic piezoelectric sensors, with base material lead zirconium titanate, popularly known as PZT manufactured by Sol Gel Technology	Mr Kushal Roy Deptt. Of Electronics & Communications Engg. Haldia Institute of Technology Medinipur-721657	522000
176	SR/FTP/ETA- 43/2007 22.10.2007	Design and development of dynamic facility layout design toolkit	Dr. K. Balamurugan Deptt. Of Mechanical Engg. Institute of Road & Transport Technology Erode-638316	504000
177	SR/FTP/PS-	Morphological Evolution of	Dr. Swara Ravindranath	342000

	11/2007 11.10.2007	Galaxies over Cosmic Time	Inter-University Centre for Astronomy & Astrophysics Pune-411007	
178	SR/FTP/ES-14/2007 26.10.2007	Study of non-methane hydrocarbons in the atmospheric environment of Delhi Region	Dr. Sippy Kalar Chauhan TPE Division Central Road Research Institute New Delhi-110020	840000
179	SR/FTP/ETA-37/2007 23.10.2007	Use of surfactant treated sludge for the removal of persistent organic pollutants (POPs) from Water Environment	Dr. Asok Adak Deptt. Of Civil Engg. Bengal Engineering & Science University Howrah-711103	1224000
180	SR/FTP/ETA-36/2007 30.10.2007	Non-ideal flow and transport in bio-heap-leaching of precious metals	Dr. Suresh A Kartha Deptt. Of Civil Engg. Indian Institute of Technology-Guwahati Guwahati-781039	1008000
181	SR/FTP/PS-28/2006 26.10.2007	Flow perturbation and sediment suspension over sandy bedforms: Theoretical and experimental Studies	Dr.(Mrs.) Koeli Ghoshal Deptt. Of Mathematics Indian Institute of Technology-Kharagpur Kharagpur-721302	126000
182	SR/FTP/PS-15/2007 26.10.2007	Fabrication and Characterization of Manganite based thin Film Devices	Dr. Jaysukh H Markna Deptt. Of Physics Saurashtra University Rajkot-360005	1170000
183	SR/FTP/PS-12/2007 26.10.2007	Conformational Dynamics of Model Tripeptides using NMR and Vibrational Spectroscopic Techniques	Dr. Kavita Dorai Deptt. Of Physics Indian Institute of Science Education & Research Chandigarh-160019	570000
184	SR/FTP/MS-10/2006 26.10.2007	The properties of Invertible Fuzzy Topological Spaces	Dr. Sunil C Mathew Deptt. Of Mathematics St. Thomas College Kottayam-686574	198000
185	SR/FTP/ETA-05/2007 30.10.2007	Synthesis and experimental validation of nonlinear control laws for underactuated systems	Dr. Arun D Mahindrakar Deptt. Of Electrical Engineering Indian Institute of Technology-Madras Chennai-600036	840000
186	SR/FTP/CS-22/2007 30.10.2007	Phot-physical and theoretical investigations on molecular complexation between fullerenes and phthalocyanines	Dr. Sumanta Bhattacharya Deptt. Of Chemistry Burdwan University Burdwan-713104	1576800
187	SR/FT/L-110/2006 07.11.2007	Studies on Proteins and Development of New Methods to Reduce Antinutritional Factors in Pulses	Dr. M.P. Kulthe Deptt. Of Botany Milind College of Science Aurangabad-431002	1995000
188	SR/FT/LS-006/2007	Agrobacterium transformed hairy root cultures of some	Dr. Durga Prasad Barik Deptt. Of Botany	1348800

	06.11.2007	important medicinal plants of Orissa as a source of Pharmaceutical compounds	Utkal University Bhubaneswar-751004	
189	SR/FT/LS-002/2007 06.11.2007	Ecology and functional biodiversity of nematodes of lotak lake, a Ramsar site in Northeastern India	Dr. Md. Mahamood Deptt. Of Zoology Aligarh Muslim University Aligarh-202002	1736000
190	SR/FT/LS-007/2007 06.11.2007	Molecular Diagnosis of pollution impact on life history parameters in earthworms	Dr. M. Gobi School of Biological Sciences Madurai Kamaraj University Madurai-625021	1296000
191	SR/FT/LS-009/2007 06.11.2007	Screening and purification of anti cariogenic herbal extracts	Dr. Asad U Khan Interdisciplinary Unit Aligarh Muslim University Aligarh-202002	1057000
192	SR/FT/LS-010/2007 06.11.2007	Influence of resource availability on ranging pattern in conspecific groups of free ranging lion-tailed macaques macaca silenus	Dr. H.N. Kumara Behaviour & Conservation Group Indian Institute of Science Bangalore-560012	1504300
193	SR/FT/LS-004/2007 06.11.2007	A Study on the population dynamics and site fidelity of the olive ridley sea turtles (lepidochelys olivacea) at the rushilkulya rookery in orissa coast of India	Dr. Basudev Tripathy Wildlife Institute of India Dehradun-248001	1291000
194	SR/FT/LS-011/2007 06.11.2007	Pharmacophore based screening of compounds targeting DecR response regulator and assesemnt of their antimycobacterium tuberculosis activity	Dr. Rajesh Kumar Gupta Deptt. Of Biotechnology All India Institute of Medical Sciences New Delhi-110029	1366000
195	SR/FT/LS-012/2007 06.11.2007	Selective Histamine H3 receptor antagonists: A promising novel target for schizophrenia	Dr. Mohd. Akhtar Deptt. Of Pharmacology Jamia Hamdard New Delhi-	933000
196	SR/FTP/ETA-50/2007 06.11.2007	Composition of hole expansion ratio, stretch flageability, wrinkling behaviour and crashworthiness of high strength if steel tailor welded blanks, fabricated by various welding techniques	Mr. N.L. Parthasarathi Deptt. Of Production Engineering National Institute of Technology Tiruchirapalli-620015	1362000
197	SR/FTP/ETA-44/2007 02.11.2007	Friction stir processing of aluminium and magnesium alloys and investigation of its superplastic formability	Dr. Vivek Pancholi Deptt. Of Metallurgical & Materials Engineering Indian Institute of Technology-Roorkee Roorkee-247667	1272000
198	SR/FTP/CS-85/2006	Cyclic oligomers and cooligomers of thiophene and selenophene: New types of	Dr. Sanjio S. Zade Indian Institute of Science Education & Research	2040000

	12.11.2007	electronic materials	Kolkata-390002	
199	SR/FT/LS-14/2007 14.11.2007	Induction of double haploids for bacterial leaf blight resistance in basmati rice (<i>oryza sativa</i> L.) through anther culture	Dr. Romesh Kumar Salgotra Div. of Genetics & Plant Breeding SK University of Agricultural Sciences & Technology Jammu-180009	1594000
200	SR/FT/LS-13/2007 14.11.2007	QSAR, design and synthesis of potential HIV-1 inhibitors	Dr. Sonal Dubey KLES College of Pharmacy Hubli-580031	803000
201	SR/FTP/CS-03/2007 14.11.2007	Synthesis, Characterization, Biological, Plasma lipoprotein association and their interaction with DNA binding studies of symmetrical and unsymmetrical porphyrins	Dr. KA Shaikh Sir Sayyed College Aurangabad-431001	2000000
202	SR/FTP/PS-46/2006 15.11.2007	Investigation on the Crystallization, Polymerization, Habit modification, Solution mediated Phase Transformation and Optical Properties of the Amino Acid: Glycine	Dr. K. Srinivasan Deptt. Of Physics Alagappa University Karaikudi-630003	798000
203	SR/FT/LS-005/2007 19.11.2007	Cloning and functional characterization of DNA repair proteins (XPB and XPD) from rice and/or pea	Dr. Parvaiz Ahmad Div. of Plant Molecular Biology International Centre for Genetic Engineering and Biotechnology (ICGEB) New Delhi-110067	1660000
204	SR/FT/LS-003/2007 19.11.2007	Effects of natural plant extract against the genotoxic damage induced by steroidal drugs	Dr. Yasir Hasan Siddique Deptt. Of Zoology Aligarh Muslim University Aligarh-202002	1176000
205	SR/FT/LS-015/2007 19.11.2007	Role of UV-B absorbing mycosporine like amino acids (MAAs), scytonemin and phenolic compounds (flavonoids) due to UV-B exposure in cyanobacteria with reference to over expression and function	Dr. Rupali Bhandari Deptt. Of Botany Goa University Taleigao Plateau-403206	1588000
206	SR/FT/LS-016/2007 19.11.2007	Evaluation of protective effect of sesamol on UVB-radiation cellular changes in cultured skin fibroblasts	Dr. N. Rajendra Prasad Deptt. Of Biochemistry & Biotechnology Annamalai University Annamalainagar-608002	1813000
207	SR/FT/LS-21/2007	Preventive effect of (-) epicatechin on normal and isoproterenol induced	Dr. P. Stanley Mainzen Prince Deptt. Of Biochemistry & Biotechnology	690000

	21.11.2007	myocardial infarction in wistar rats	Annamalai University Annamalainagar-608002	
208	SR/FT/LS-019/2007 26.11.2007	Microbial technology for rhizoremediation of pollutant soil	Dr. Joginder Singh Deptt. Of Botany Jai Narain Vyas University Jodhpur-342001	1476000
209	SR/FT/LS-020/2007 26.11.2007	Free radical scavenging effect of vitamin E on cadmium nitrate induced acute/chronic hepatocytes toxicity in relation to DNA damage and antioxidant status	Dr. C. Thirunavukkarasu Deptt. Of Biochemistry Periyar University Salem-636011	1855000
210	SR/FT/LS-022/2007 26.11.2007	Micro-mechanical investigations of solid-state properties on processibilities and performance of solid dosage forms	Mr. Sarasvatkumar Patel Deptt. Of Pharmaceutical Technology (Formulations) National Institute of Pharmaceutical Education & Research (NIPER) Mohali-160062	1548000
211	SR/FT/LS-027/2007 29.11.2007	Investigation of antibiotic susceptibility patterns and resistance genes of lactobacilli isolated from food	Dr. Vijendra Mishra Faculty of Arts, Science and Commerce Mody Institute of Technology and Science Sikar-	865000
212	SR/FT/LS-018/2007 29.11.2007	Mycorrhizal technology for removal of heavy metal toxicity from soil	Dr. Sachendra Bohra Deptt. Of Botany Jai Narain Vyas University Jodhpur-342001	1356000
213	SR/FT/LS-028/2007 29.11.2007	Molecular Modeling study of hypermodified nucleoside lysidine present at wobble position in anticodon loop of E.coli t RNA and its role in proper codon anticodon recognition	Dr. Kailas D. Sonaweane Deptt. Of Biochemistry Shivaji University Kolhapur-416004	1832000
214	SR/FT/LS-025/2007 29.11.2007	Cloning and sequence analysis of salinity tolerant gene from estuarine AM fungi	Dr. T. Selvaraj Centre for Marine Science and Technology Manonmaniam Sundaranar University Kanyakumari-629502	1124000
215	SR/FT/LS-024/2007 29.11.2007	Morphological & molecular systematics of important thrips (thysanoptera) species on horticultural crops in South India	Dr. Vikas Kumar Div. of Entomology & Nematology Indian Institute of Horticultural Research Bangalore-560089	1927000
216	SR/FT/LS-026/2007 29.11.2007	Interactive effect of 4-chloroindole-3-acetic acid, 24-epibrassinolide and calcium on the salinity induced changes in	Dr. Barkat Ali Deptt. Of Botany Aligarh Muslim University Aligarh-202002	1572000

		tomato (<i>Lycopersicon esculentum</i>)		
217	SR/FTP/ETA-42/2007 15.11.2007	Feasibility of Co ₂ sequestration in deep Indian coals	Dr. Sushmita Mishra Deptt. Of Chemical Engineering National Institute of Technology Rourkela-769008	984000
218	SR/FTP/ETA-40/2007 16.11.2007	Strengthening of RC beams in sheer using advanced composites	Mr. M.C. Sundarraja Deptt. Of Civil Engg. Thiagarajar College of Engineering Madurai-615026	1098000
219	SR/FTP/ETA-17/2007 22.11.2007	Design of coal pillar through 3-D numerical modeling considering discontinuities	Dr. Ashok Jaiswal Deptt. Of Mining Engineering, Institute of Technology Banaras Hindu University Varanasi-221005	1080000
220	SR/FT/LS-029/2007 04.12.2007	Effect of water stress on wheat (<i>Triticum aestivum</i>) leaves during senescence	Dr. Rajendra Kumar Behera School of Biotechnology Fakir Mohan University Balasore-	720000
221	SR/FT/LS-017/2007 04.12.2007	Systematic studies on the family gelechiidae (lepidoptera: insecta) from North West Himalayan Ecosystem	Dr. Prakash Chand Pathania Deptt. Of Entomology Punjab Agricultural University Ludhiana-141004	1580000
222	SR/FT/LS-023/2007 04.12.2007	Structural elucidation and exploitation of antimicrobial agents from plant origin against phytopathogens	Dr. S. Satish Deptt. Of Studies in Microbiology Mysore University Mysore-570006	1302000
223	SR/FTP/ES-04/2007 05.12.2007	Magnetic Anisotropy and Palaeomagnetic Studies in Relation to the Tectonic Evolution of the Anorthosite Complexes of Eastern Ghats Belt of India	Dr. Supriya Mondal Deptt. Of Geological Sciences, Geophysics Laboratory, Jadavpur University Kolkata-700032	948000
224	SR/FTP/PS-70/2005 06.12.2007	Nano-Composite Photocatalyst for Hydrogen Generation under visible light irradiation	Dr. Prashant S. Patil Deptt. Of Applied Physics Singhad Institute of Technology Pune-410401	498000
225	SR/FTP/PS-42/2006 03.12.2007	Design and Study of Optical waveguide biosensors of recent interest oriented to Technological Applications	Dr. Vivek Singh Deptt. Of Physics, Faculty of Science Banaras Hindu University Varanasi-221005	762000
226	SR/FTP/PS-37/2006 06.12.2007	The origin of Inertia in General Relativity	Dr. Maulik Kirit Parikh Inter-University Centre for Astronomy & Astrophysics Pune-411007	324000

227	SR/FTP/PS-14/2007 10.12.2007	Stability of Synchronous Chaos and Generalized Turing Patterns in P-Neighbours Diffusive coupled Dynamical Systems with their Applications to Image Compression	Dr. P. Palaniyandi Deptt. Of Physics Nehru Memorial College Puthanampatti-621007	210000
228	SR/FTP/PS-16/2007 10.12.2007	Study of Ultrafast Photophysical Processes in Bio and Nano-Materials-DNA, Lipids and Nanoparticles	Dr. Sobhan Sen School of Physicsl Sciences Jawaharlal Nehru University New Delhi-110067	1440000
229	SR/FTP/MS-02/2007 10.12.2007	Stability and Convection n Rapidly rotating Fluid Systems	Dr. S. Saravanan Deptt. Of Mathematics Bharathiar University Coimbatore-641046	246000
230	SR/FTP/MS-06/2007 10.12.2007	A Statistical Investigation-Discriminant Analysis in High Dimention	Dr. Shuvadeep Banerjee Faculty of Applied Mathematics Defence Institute of Advanced Technology Pune-411025	222000
231	SR/FTP/ETA-16/2007 11.12.2007	Design and synthesis of mesoporous titanosilicate supported gold nano particle useful for mil oxidation reaction	Dr. Biswajit Chowdhury Deptt. Of Applied Chemistry Indian School of Mines University Dhanbad-826006	1926000
232	SR/FT/LS-030/2007 26.12.2007	Multifunctional biomolecular structure and drug development from important medicinal plants for cardiovascular diseases with special reference to bioinformatics and chemoinformatics	Dr. N. Kumaraguru Deptt. Of Microbiology Anna University Chennai-600025	1886000
233	SR/FTP/ETA-22/2006 20.12.2007	Design and implementation of a fuzzy logic based call handover algorithm for mobile cellular communication	Mr. Partha Pratim Bhattacharya Dr. B.C. Roy Engineering College Durgapur-713206	582000
234	SR/FTP/ETA-56/2007 28.12.2007	Development of Microcombustors	Dr. Sudarshan Kumar Deptt. Of Aerospace Engineering Indian Institute of Technology-Bombay Mumbai-400076	1320000
235	SR/FTP/ETA-54/2007 03.01.2008	Improvement of wear resistance of Ti-Alloy disc brake rotor through laser surface melting	Dr. Ing. M. Duraiselvam Deptt. Of Production Engineering National Institute of Technology Tiruchirapalli-620015	1890000
236	SR/FTP/CS-	Characterization of novel	Dr. Kajal Chakraborty	1984400

	63/2007 26.12.2007	antioxidant from Red and Brown seaweeds from gulf of mannar	Div. of Physiology, Nutrition and Pathology Central Marine Fisheries Research Institute North Cochin-682018	
237	SR/FTP/CS-64/2007 11.01.2008	Synthesis of oligo-glyco-amino acids (OGAA) as a novel glycoltherapeutics from 1,2 cyclopropanated sugar derivatives	Dr. Perali Ramu Sridhar School of Chemistry Hyderabad University Hyderabad-500046	1975200
238	SR/FT/LS-001/2007 14.01.2008	Insecticidal and moulting inhibitory action of active principle isolated from Cuscuta reflexa, and its bio-insecticidal formulation for the management of mosquito vectors (anopheles and Cules sp. Mosquito)	Dr. Preeti Sharma Rawat Deptt. Of Zoology Dayalbagh Educational Institute Agra-282005	1975000
239	SR/FTP/CS-50/2007 21.01.2008	Development of TiO2 nanocatalyst for environemntal purification	Dr. Sunil Dutta Sharma Liquid Crystal and Self Assembled Monolayer Section National Physical Laboratory New Delhi-110012	2000000
240	SR/FTP/CS-42/2007 21.01.2008	Development of tailored pore-size mesoporous materials as supports for enzyme immobilization	Dr. Sanjay Gopinath Deptt. Of Applied Chemistry Cochin University of Science & Technology Kochi-682022	1998000
241	SR/FTP/CS-57/2007 21.01.2008	Synthesis and spectral, redox and solid state coordination properties and asymmetric and highly functionalised thienlyl- and furyl-porphyrins	Dr. P. Bhavana Chemistry Group Birla Institute of Technology & Science Zuari Nagar-403726	1997280
242	SR/FTP/CS-46/2007 24.01.2008	Microporous metal-organic coordination networks (MOCNs): Application towards H2 storage	Dr. Tapas Kumar Maji Chemistry and Physics Materials Unit Jawaharlal Nehru Centre for Advanced Scientific Research Bangalore-560064	1871760
243	SR/FT/L-118/2006 22.01.2008	Studies on Molecular Mechanism of Erythropoietin in Diabetic Retinopathy	Dr. Sangiliyandi Gurunathan Deptt. Of Biotechnology Kalasalingam University Krishnan Koil-626190	1236000
244	SR/FT/LS-031/2007 26.01.2008	Biocatalytic polymers as active and stable materials for biofouling control	Dr. Rachna N. Dave Chemistry Group Bhabha Atomic Research Centre Mumbai-400085	1620000
245	SR/FTP/ETA-41/2007 22.01.2008	Optimization of ageing parameters and alloy composition for improved age hardening response of AZ91	Mr. A. Srinivasan MEF Division National Metallurgical Laboratory	1500000

		magnesium alloy	Jamshedpur-831007	
246	SR/FTP/CS-55/2007 25.01.2008	Target selective electrochemical sensors based on trickily designed chemically modified electrodes	Dr. Annamalai Senthil Kumar Deptt. Of Chemistry Vellore Institute of Technology Vellore-632014	1903200
247	SR/FT/LS-033/2007 29.01.2008	Structural and biophysical characterization cytochrome c,a major component of mitochondrial respiration from goat heat	Dr. Md Imitiyaz Hassain Centre for Interdisciplinary Research in Basic Sciences Jamia Milia Islamia New Delhi-110025	1724000
248	SR/FT/LS-032/2007 31.01.2008	Studies in ecology and biodiversity of the Nematodes of alpine and sub-alpine zones of Himalayan range in Jammu and Kashmir India	Dr. Ali Asghar Shah Deptt. Of Zoology Baba ghulam Shah Badshah Univesity Rajouri-185131	2040000
249	SR/FTP/CS-52/2007 01.02.2008	New Podand type ligands: Their Ionic and molecular recognition properties	Dr. Snigdha Panda Indian Institute of Science Education & Research Kolkata-700106	1860000
250	SR/FTP/CS-44/2007 01.02.2008	Aerobic oxidation of hydrocarbons over transition metal incorporated amorphous mesoporous matrial TUD-I	Dr. R. Anand Deptt. Of Chemistry National Institute of Technology Tiruchirapalli-620015	1998000
251	SR/FTP/CS-45/2007 01.02.2008	Surface self-assembly @ constructive nanolithography enrout to polyaniline based nano devices	Dr. Devasish Chowdhury Indian Institute of Technology- Guwahati Guwahati-781039	1872000
252	SR/FT/L-109/2004 05.02.2008	Molecular, genetic and functional analysis of the chromosal plasticity region of the gastric pathogen Helicobacter pylori	Dr. Ayesha Alvi Centre for DNA Fingerprinting & Diagnostic Hyderabad-500076	1200000
253	SR/FTP/ETA-51/2007 01.02.2007	Development of high magnetic flux polymer bonded magnetic composites employing microwave radiation	Dr. Ranjan K Sahu Deptt. Of Materials Science & Technology National Metallurgical Laboratory Jamshedpur-831007	1600000
254	SR/FTP/ETA-53/2007 13.02.2008	Design, Development and performance Evaluation of Asymmetric Composite Gears	Dr. S. Senthilvelan Deptt. Of Mechanical Engg. Indian Institute of Technology- Gauhati Guwahati-781039	1980000
255	SR/FTP/ETA-58/2007 22.02.2008	An image processing system for verification of handprinted signatures and recognition of handwritten information present on Indian Bank cheques in Latin (English) and Devanagary(Marathi, Hindi)	Mr. R. Jayadevan Deptt. Of Information Technology PICT College of Engineering Pune-411043	240000

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256	SR/FT/L-36/2007 27.02.2008	Virtual Screening of chemical libraries with the key cysteine biosynthetic pathway enzymes in entamoeba histolytica for novel inhibitor identification	Dr. Subhash M Agarwal Centre for Computational Biology & Bioinformatics Jawaharlal Nehru University New Delhi-110067	1584000
257	SR/FT/LS-035/2007 05.03.2008	Molecular analysis of Y chromosome in prostate cancer	Dr. Saima Wajid National Institute of Immunology New Delhi-110067	1872000
258	SR/FT/LS-040/2007 05.03.2008	Modulation of hematopoietic stem cell homing/engraftment potential through gene engineering techniques	Dr. Vimal Kishor Singh Institute of Nuclear Medicine and Allied Science New Delhi-110054	1986000
259	SR/FTP/ETA-68/07 11.03.2008	Development of an Intelligent System for Selection of Materials for Press Tool Components	Dr. Shailendra Kumar Deptt. Of Mechanical Engg. Sardar Vallabhbhai National Institute of Technology Surat-395007	360000
260	SR/FTP/ETA-57/2007 12.03.2008	Numerical Modeling and Spatial Moment analysis of Mobility and Mixing of Reactive Contaminants in Low Permeability Hard Rocks under Non-isothermal Conditions	Dr. G. Suresh Deptt. Of Civil Engg. Indian Institute of Technology- Madras Chennai-600036	276000
261	SR/FT/LS-042/2007 17.03.2008	Stem cell survival enhancement through apoptosis regulator genes	Dr. Yogesh Kumar Verma Institute of Nuclear Medicine and Allied Science New Delhi-110054	1867000
262	SR/FTP/ETA-70/07 14.03.2008	Utilisation of Glycerol: Etherification of Glycerol by Isobutylene using modified zeolites	Dr. Sunil Kumar Maity Deptt. Of Chemical Engineering National Institute of Technology Rourkela-769008	1224000
263	SR/FTP/ETA-61/07 19.03.2008	Investigation of dynamic interference effect of two nearby shallow foundations	Dr. Priyanka Ghosh Deptt. Of Civil Engg. Indian Institute of Technology- Kanpur Kanpur-208016	1338000
264	SR/FT/LS-50/2007 31.03.2008	Cloning and expression of G protein of respiratory syncytial virus (RSV) in mammalian system and characterization of G protein	Dr. Shama Parveen Center for Interdisciplinary Research in Basic Sciences Jamia Milia Islamia New Delhi-110025	1044000
265	SR/FT/LS-47/2007 31.03.2008	Isolation and characterization of metal accumulating bacteria capable of acting as a biofertilizer and reducing metal content of soil	Dr. Manishi Tripathi Chhatrapati Shahu ji Maharaj University Kanpur-208024	1515600
266	SR/FT/LS-	Chemoprevention by plant	Dr. Tamann Jahangir	1188000

	48/2007 31.03.2008	polyphenols: possible role of NFkb, TNF alpha, IFN gamma caspases?	Deptt. Of Medical Elementology & Toxicology Hamdard University New Delhi-	
267	SR/FT/LS- 39/2007 31.03.2008	Conservation biotechnology of some RET and Economic ferns of India	Dr. Ruchi Srivastava Deptt. Of Botany Lucknow University Lucknow-226007	1202000