

New project Sanctioned during 2012-13

SI No.	File No.	Project Title	Name & Address of PI	Total Cost/Duration	Duration
1.	DST/SSTP/AP/10/116	Establishment of a rural training facility at Hyderabad to provide comprehensive diagnostic services for common genetic disorders to rural populations	Dr. Lalji Singh, Managing Director, Genome Foundation, C/o Prasad Hospital, 44-617/12, 3 rd floor (room NO. 316), IDA Nacharam, Behind Telephone Exchange, Nacharam, Hyderabad-500 076	Rs. 3,50,26,000/- G- Rs. 85,76,000/- C- Rs. 2,64,50,000/-	36 Months
2.	DST/SSTP/UK/LSR/117/2010	Scientific technology and research inputs for the upliftment of people from weaker section in Pithoragarh district of Uttarakhand	Dr. N. Puntha, Plant Scientist, People's Association of Hill Area Launchers (PAHAL), Manas Mandir, Cant Road, Pithoragarh, Uttarakhand-262501	Rs.17,16,980/- G- Rs.14,94,680/- C- Rs.2,22,300/-	24 Months
3.	DST/SSTP/Assam/08/17	Study of Bio-Degumming and Chemical Deposition on muga silk (<i>Antheraea Assamensis Helfer</i>) fibers of Assam	Dr. Dipali Devi, Assistant Professor, Life Science Division, Institute of Advanced Study in Science & Technology, Paschim Boragaon, Guwahati-781035, Assam	Rs. 16,81,440/- G- Rs. 9,41,440/- C- Rs. 7,40,000/-	24 Months
4.	DST/SSTP/J&K/11/146	In vitro culture and Phytochemical analysis of <i>Arnebiabenthamii</i> - a critically endangered medicinal plant of north Western Himalaya	Prof Azra N.Kamili, Director & Head, Center of Research for Development, University of Kashmir, Naseem Bagh, Campus Srinagar-190006, J&K	Rs. 26,62,700/- G- Rs. 21,17,600/- C- Rs. 5,45,100/-	36 Months
5.	DST/SSTP/J&K/09/104	Biodiversity and management of aphids in temperate zone of India	Dr. Akhtar Ali Khan, Associate Professor, Division Of Entomology, Sher-e-Kashmir, Shalimar Campus, Srinagar-190025, J&K	Rs. 39,94,800/- G- Rs. 25,00,800/- C- Rs. 14,94,000/-	24 Months
6.	DST/SSTP/TN/LSR/2010/132	Identification modification evaluation & knowledge transfer of novel rodent traps and other ecofriendly rodent control methods in Tamil Nadu	Dr. Ambudoss Arvind, S.G, Lecturer in Agriculture, Department of Rural Development Science, Centre For Research, Arul Anandar Collage, Karumathur Madurai-625514, Tamilnadu	Rs. 19,54,260/- G- Rs. 16,54,260/- C- Rs. 3,00,000/-	36 Months
7.	DST/SSTP/AP/LSR/150/2011	Development of low cost technologies for increasing agricultural productivity and livelihood in some selected village in Chittoor Dt., Andhra Pradesh	Dr. M. Edward Raja, Scientist, Centre for Natural Biological Resources & Community Development (CNBRCD), No-41, RBI Colony, Anand Nagar, Bangalore-560024, Karnataka	Rs. 47,15,200/- G- Rs. 37,35,200/- C- Rs. 9,80,000/-	36 Months
8.	DST/SSTP/New Delhi/11/143	Effect of parental education ethics of research participation and array comparative genomic hybridization in subjects with mental retardation (MR) and autism	Dr. Smita Neelkanth Deshpande, Consultant Professor & Head, Department of Psychiatry & De-Addiction Services & Resource Centre For Tobacco Control, RML Hospital, Baba Kharak Singh Marg, New Delhi, Delhi 110001 & Dr. AB Dalal, Scientist Gr. IV, Centre for DNA fingerprinting and Diagnostics (CDFD), Laboratory Block, Nampally, Hyderabad- 500 001, Telengana.	Rs. 65,43,100/- G- Rs. 64,43,100/- C- Rs. 1,00,000/-	36 Months
9.	DST/SSTP/TN/194/2011	Efficient e-waste management through co-ordinated web service using WS-dependent space	Dr.P.Alli, Professor & Head Dept. of computer science & Engineering, Vellamal collage of Engineering & Technology, Viraganoor, Madurai-625009, Tamilnadu	Rs. 16,09,400/- G-Rs. 8,63,400/- C-Rs. 7,46,000/-	30 Months

10.	DST/SSTP/TN/176/2011	Delineation of cadmium contaminated soil and exploration of bioremediation strategies for removal and for environmental sustenance by harnessing Arbuscular mycorrhizal fungi and PGPR	Dr. K. Kumutha, Associate Professor, Dept. of Agricultural Microbiology, Coimbatore-641 003, Tamilnadu.	Rs. 14,90,410/- G-Rs. 10,51,160/- C-Rs. 4,39,250/-	18 Months
11.	DST/SSTP/TN/182/2011	Conductive concrete blocks from industrial waste as electromagnetic shielding material	Dr. L. Andal, Professor & Head, Civil Engineering, Velammal Collage of Engineering & Technology, Madurai-625009, Tamilnadu.	Rs. 27,59,400/- G-Rs. 19,86,400/- C-Rs. 7,73,000/-	36 Months
12.	DST/SSTP/Karnataka/DB/12th Plan/13/2012-13	Creation of digital repository of the reports of student projects programme: a flagship programme of Karnataka State Council for Science & Technology (KSCST)	Dr.SG Sreekanteswara Swamy, Fellow, Karnataka State Council for Science & Technology (KSCST), Bangalore, Indian Institute of Science Campus, Bangalore-560012, Karnataka	Rs. 19,70,000/- G- Rs. 19,00,000/- C- Rs. 70,000/-	18 Months
13.	DST/SSTP/Haryana/157/2011	Plus tree selection and development of <i>Ailanthus excelesa</i> based agroforestry system for south-west Haryana	Dr. Naresh Kaushik, Scientist, CCS Haryana Agricultural University regional research station Bawal (Rewari)-123501, Haryana	Rs. 21,44,798/- G- Rs. 18,72,240/- C- Rs. 2,72,558/-	36 Months
14.	DST/SSTP/AP/189/2011	Study on wild edible plants and documentation of ethnobotanical knowledge of utilization practices associated with different tribes of Arunachal Pradesh	Dr. Debajit Mahanta, Scientist-C, Arunchal Pradesh State Council of Science & technology, Dept. of IT Science and Technology, Govt. of Arunchal Pradesh, ESS Sector, Maung- phi Complex,, Itanagar- 791 113, Arunchal Pradesh.	Rs. 18,99,200/- G- Rs. 16,99,200/- C- Rs. 2,00,000/-	36 Months
15.	DST/SSTP/Punjab/174/2011	Assessment of copepods as Bio-control agents of mosquito larvae in standing water bodies of Punjab	Dr. Devender Kaur Kocher, Assistant Professor, Dept. of Zoology, Ludhiana-14004, Punjab	Rs. 19,95,800/- G- Rs. 13,95,800/- C- Rs. 6,00,000/-	24 Months
16.	DST/SSTP/Assam/178/2011	Wild Silk Moths: genetic diversity based on morpho-molecular markers in North-Eastern Region of India	Dr. Bhuban Chandra Chutia, Asst. Prof, Department Of Zoology, Nowgong Collage, Assam-782001	Rs. 27,29,720/- G- Rs.14,79,720/- C- Rs.12,50,000/-	36 Months
17.	DST/SSTP/Haryana/172/2011	Fish Health Management through herbal materials and vermin technology for sustainable aquaculture	Dr. Shashank, Asst. Prof, Zoology & Aquaculture, CCS Haryana Agriculture University,Hisar-125004, Haryana	Rs. 26,53,080/- G- Rs.17,93,300/- C- Rs. 8,59,780/-	36 Months
18.	DST/SSTP/HP/170/2011	Freeze restriction studies for frost protection in subtropical fruit plants	Dr. Shashi Kumar Sharma, Scientist (Fruit Sciences), Institute of Biotechnology & Environment Sciences, Neri, Hamirpur-177001, Himachal Pradesh	Rs. 37,77,099/- G- Rs.17,22,200/- C- Rs. 20,54,899/-	36 Months
19.	DST/SSTP/Assam/200/2012	Use of constructed wetlands in industrial wastewater treatment and stabilization : potential of plankton, macrophyte and macroinvertebrate species	Dr. Abhik Gupta, Professor Dept. of Ecology & Environment Sciences, Assam University, Silchar-788011, Assam	Rs. 15,05,840/- G- Rs.13,35,840/- C- Rs.1,70,000/-	36 Months
20.	DST/SSTP/LSR/Bihar/12/12th Plan	Study of Arsenic Accumulation in people of Bihar and its correlation with arsenic induced carcinogenicity in animal model	Dr. Akhileshwari Nath, Research Centre, Mahavir Cancer Institute & Research Centre, Patna- 801 505, Bihar	Rs. 65,61,987/- G- Rs.17,42,800/- C- Rs.48,19,187/-	24 Months
21.	DST/TDD/2K11/143	Sanitary napkins production training (by handmade machine) with entrepreneurship and soft skills training for the tribal women's in block Sendhwa of tribal and declared BRGF district-Barwani (MP)	Dr. Shalini Saxena, President, Priyanshi Educational, Cultural and Societal Society, 111, Regal Mohini Homes, Awadhपुरi, Khajurikala, Bhopal-462 021	Rs.35,07,000/- G-Rs. 25,47,000/- C-Rs. 9,60,000/-	36 Months

22.	DST/TDD/2K 12/159	Modern agricultural implements Science and Technology transfer to Tribal Community for Sustainable Livelihood in the Western Ghats, Coimbatore District (Part-II)Tamil Nadu	Dr. Rajamanickam, Professor & Head, Tamilnadu Agricultural University, Coconut Research Station, Aliyarnagar, Tamilnadu-642101.	Rs. 13,59,400/- G-Rs. 11,59,400/- C-Rs. 2,00,000/-	36 Months
23.	DST/TDD/2K 12/156	Farmers participatory action research through geomatics based research of agricultural intensification and diversification for sustainable agriculture in West Bengal	Prof. Mohit Bhattacharya, Vice President, Centre for Environmental Management and Participatory Development, Social Science Department, HB150, Sector- III, Salt Lake, Kolkata-700 106	Rs. 1,59,06,000/- G-Rs. 1,44,06,000/- C- Rs. 15,00,000/-	36 Months
24.	DST/TDD/2K 12/157	Save the nature and people: A study on bio-diversity of Darjeeling hills areas and evenhanded future actions	Dr. Pijush Kanti Basu, Advisor, Centre for Environmental Management and Participatory Development, Social Science Department, HB150, Sector- III, Salt Lake, Kolkata-700 106	Rs. 1,33,56,000/- G- Rs. 1,15,56,000/- C- Rs. 18,00,000/-	36 months
25.	DST/TDD/2K 11/126	Identification of potential sites for installation of microhydel power plants for decentralized power supply in tribal dominated hilly areas of Karnataka	Dr. M. Prithviraj, Executive Secretary, Karnataka State Council for Science and Technology, Indian Institute of Science, Bangalore-560012, Karnataka	Rs. 19,86,500/- G-Rs. 18,86,500/- C-Rs. 1,00,000/-	12 Months
26.	DST/TDD/2K 11/108	Setting up of demonstration plants of pineapple plants leaf fiber and banana fiber using anaerobic extraction	Dr. V.B. Manilal, Principal Scientist, Department of Process Engineering & Environmental Technology, National Institute for Interdisciplinary Science and Technology, (NIIST), Thiruvananthapuram- 695019, Kerala	Rs. 62,90,000/- G-Rs. 31,90,000/- C- Rs. 31,00,000/-	24 Months
27.	DST/TDD/2K 12/161	Demonstration of Tele-Ophthalmology model by leveraging the common service Centers DIT to deliver primary eye care to rural masses of neighboring states of Delhi	Dr. S.C. Gupta, Medical Director, Venu Eye Institute & Research Centre, 1/31, Sheikh Sarai Institutional Area, Phase-2, New Delhi-110017	Rs. 74,20,000/- G-Rs. 33,40,000/- C-Rs. 40,80,000/-	18 Months
28.	DST/TDD/2K 11/142	Farmers participatory demonstration and evaluation of drip fertigation technique in Kerala	Dr. K. Madhava Chandran, Scientist E2, Centre for water Resources Development and Management, Water Management, Agriculture Division, Kunnamangalam, Kozhikode-673 571, Kerala	Rs. 85,03,800/- G-Rs. 75,88,800/- C-Rs. 9,15,000/-	36 Months
29.	DST/TDD/2K 12/163	Setting up of demonstration cum prototype Units at Saharanpur & Nagina for showcasing and adoption of the technology on UV curable wood coatings	Dr. Ajay K Tyagi, Senior Assistant Director, Shriram Institute for Industrial Research, 19, University Road, Delhi- 110 007	Rs.2,19,33,600/- G-Rs. 81,13,600/- C-Rs. 1,38,20,000/-	36 Months
30.	DST/TDD/2K 12/158	Integrated mangrove aquaculture for the environmental management and socio-economic up-liftment of rural people in Kerala	Ms. N. Suvarnakumari, Scientist E1 & Officer in-charge, Centre for water Resources Development and Management (CWRDM), Sub Centre Neyyattinkara P.O, Thiruvananthapuram- 695121, Kerala	Rs. 1,03,41,600/- G-Rs. 99,41,600/- C- Rs. 4,00,000/-	36 Months
31.	DST/TDD/2K 11/145	Development infrastructure for promoting research in the state of Haryana in the promising area of non-conventional machining wire cut EDM (Electric Discharge Machining)	Dr. Rajesh Khanna, Associate Professor, Mechanical Engineering Department, Mullana University, Ambala-133 203, Haryana	Rs. 22,15,000/- G- Rs.4,55,000/- C- Rs.17,60,000/-	24 months

32.	DST/TDD/2K 11/144	Training-cum-production centre in leather goods and garment with strong market orientation	Dr. Qazi Parvaiz Hassan, Scientist 'C', CSIR-Indian Institute of Integrative Medicine, branch-Sanat Nagar, Srinagar-190005	Rs. 89,12,000/- G- Rs.66,12,000/- C- Rs.23,00,000/-	36 Months
33.	DST/SSTP/U P/197/2012	To develop technology for low cost manufacturing of a series of veneering porcelain powders and liquid products for metal ceramic frame work used on mass scale in the dental field of medical especially for rural area	Dr. Vinay Kumar Singh, Associate Professor, Dept. of ceramic engineering, II BHU, Banaras university, Varansi- 221 005	Rs.51,69,484/- G: Rs. 31,69,484/- C: Rs.20,00,000/-	36 months