

## Details of new projects sanctioned during 2013-2014

SI No.	File No.	Project Title	Name & Address of PI	Total Cost	Duration
1	DST/SSTP/U.P/193/2011	Development of low cost nutrition's weaning foods and mechanism for its application in rural areas among weaker sections	Dr. Neeru Bala, Assistant Professor, Department of Food and Nutrition, Halina School of Home Science, Sam Higginbottom Institute of Agriculture Technology and Science, Deemed University, Allahabad-211007, U.P	Rs. 15,06,200/- G-Rs. 13,35,200/- C- Rs.1,71,000/-	36 Months
2	DST/SSTP/Punjab/145/2011	Development & validation of microbial consortium as single window delivery system for growth promotion of summer mungbean in rice-wheat system in Punjab.	Dr. (Mrs.) Poonam Sharma, Sr. Microbiologist (Pulses), Plant Breeding and Genetics, Punjab Agricultural University, Ludhiana	Rs.18,92,183/- G- Rs.14,65,200/- C- Rs.4,26,983/-	36 Months
3	DST/SSTP/Rajasthan/10/111	Biochemical, enzymological, antagonistic and antimycotic studies on fungal infection in mammals	Dr.(Mrs.) Meenakshi Sharma, Professor, Department of Botany, University of Rajasthan, Jaipur- 302005, Rajasthan.	Rs.16,71,500/- G- Rs.11,30,000/- C- Rs.5,41,500/-	36 Months
4	DST/SSTP/UK/168/2011	Seed production of potato by using tissue culture techniques to ensure the food security b improving crop production for the poor and marginal farmers in the highlands of Uttarakhand	Mr. Mahendra Singh Kunwar, Secretary, Himalayan Action Research Centre, 44, Indira Nagar, Phase II, PO New Forest, Dehradun, Uttarakhand 248006	Rs.35,08,750/- G- Rs.16,79,200/- C- Rs.18,29,550/-	36 Months
5	DST/SSTP/T.N/199/2011	Development and demonstration on bioremediation of indigo dye containing textile effluent using microbial biofilm with adapted microorganisms	Dr. R. Rajendran, Professor, PSG College of Arts and Sciences, Civil Aerodrome (PO), Coimbatore-641014, Tamilnadu	Rs.47,58,240/- G- Rs.17,58,240/- C- Rs.30,00,000/-	36 Months
6	DST/SSTP/Bihar/155/2011	Assessment of arsenic in the village Simri of Buxar district of Bihar	Dr. Arun Kumar, Scientist-I, Research centre, Mahavir Cancer Sansthan & Research Centre, Phulwari Sharif, Patna, Bihar-801505	Rs.22,53,042/- G- Rs.14,55,060/- C- Rs.7,97,982/-	12 Months
7	DST/SSTP/Punjab/183/2011	Community of awareness project for prevention and control of <i>Zoonoses</i>	Dr. BBS Dhaliwal, Assistant Professor, Assistant Professor, School of Public Health and Zoonoses, Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana-141004, Punjab	Rs.17,16,790/- G- Rs.14,82,800/- C- Rs.2,33,990/-	36 Months
8	DST/SSTP/U.P/2012-13/12th Plan/08	Comparison of stability with two times use of platelet rich growth factor versus one theme use of platelet rich growth factor in immediate placement of dental implant in infected socket	Dr. US Pal, Associate Professor, Faculty of Dental Sciences, King George's Medical University, Lucknow-226003, Uttar Pradesh	Rs.14,42,570/- G- Rs.11,42,570/- C- Rs. 3,00,000/-	36 Months
9	DST/SSTP/U.P/11/147	Isolation of novel antimicrobial components of cyanobacterial origin for management of plant diseases	Dr. Akhilesh Pratap Singh, Scientist (Microbiologist), Institute of Agricultural Sciences, Banaras Hindu University, Varansi-221005 and Dr. B.K.Sarma, Assistant Professor, Mycology & Plant Pathology Department, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi-221005.	Rs. 36,25,800/- G-30,00,800/- C-6,25,000/-	36 Months

10	DST/SSTP/Odisha/2012-13/12 <sup>th</sup> Plan/133	Development of Advanced ICT based Information System for Health Sector Management	Dr. H. M. Padhy, Professor, Department of Electronics & Communication Eng, Sophitorium Institute of Technology & Life skills, Sophitorium Campus, College Road, Jatni, Khurda, Odisha-752050	Rs. 32,41,455/- G- Rs. 20,00,260/- C- Rs. 12,41,195/-	36 Months
11	DST/TDD/2K 12/187	Popularization and dissemination of Technology of bio-pesticide formulations among the poor and marginal (ST) farmers of weaker sections in North East region	Dr. M.S. Rao, Principal Scientist, Indian Institute of Horticultural Research (IIHR), Hessarghatta Lake Post, Bangalore-560089	Rs. 2,23,43,470/- G-Rs. 1,75,62,800/- C-Rs. 47,80,670/-	36 Months
12	DST/TDD/2K 12/186	Socio-economic upliftment of farmers through Mithun based farming system	Dr. R K Singh, Programme Coordinator, National Research Centre on Mithun (ICAR), Krishi Vigyan Kendra, Phek, Jharnapani, Medziphema, Dimapur-797106, Nagaland	Rs.1,57,36,000/- G- Rs.1,11,56,000/- C- Rs. 45,80,000/-	36 Months
13	DST/TDD/2K 12/173	Socio-economic empowerment of SC Self-Help Group (SHG) women in STAND adopted villages through compost, bio fertilizer, and biogas production in Tirunelveli district in Tamil Nadu	Dr.A.John De Britto, Associate Professor, Department of Botany, St. Xavier's College, Palayamkottai-627002, Tamilnadu	Rs.34,70,000/- G-Rs. 30,40,000/- C-Rs. 4,30,000/-	36 Months
14	DST/TDD/2K 12/182	A pilot study on health education intervention for modifiable factors affecting myopia among school children in Delhi	Dr. Rohit Saxena, Assistant Professor, Dr. R.P. Centre for Ophthalmic Sciences, All India Institute of Medical Sciences, Ansari Nagar, New Delhi-110029	Rs.19,92,000/- G- Rs.19,32,000/- C-Rs. 60,000	24 Months
15	DST/TDD/2K 13/227	Awareness & training (TRG)- capacity building fabricators cupola owners & their workforce	Sh. Prardeep Garg, Principal Scientific Officer, Punjab State Council for Science Technology & Environment, MGSIPA Complex, Near Sacred Heart School, Sector 26, PB No 727 Chandigarh-160022, Punjab	Rs.20,85,000/- G- Rs.20,85,000/-	18 Months
16	DST/TDD/2K 13/226	Tricycle rickshaw operated paddy thresher	Th. Surendranath Singh, Executive Director, Manipur Science & Technology Council, Central Jail road, Imphal-795001	Rs.13,86,000/- G- Rs. 9,40,000/- C- Rs. 4,46,000/-	24 Months
17	DST/TDD/2K 12/180	Pilot village level deployment of a wireless sensor network based animal development monitoring scheme for rural/semi-rural dairy operations	Prof. Subrat Kar, Professor, Dept. of Electrical Engineering & Bharti School of Telecommunication Technology & Management, Indian Institute of Technology Delhi, Block-2A, Room 114, Hauz Khas, New Delhi-110016	Rs.1,51,24,150/- G-Rs. 1,00,26,950/- C-Rs. 50,97,200/-	36 Months
18	DST/TDD/2K 12/179	Study on awareness and health-Seeking practices about common blinding eye diseases in urban slums of Delhi	Dr. Praveen Vashist, Additional Professor, Dept. of Community Ophthalmology, Dr. R.P. Centre for Ophthalmic Sciences, Ansari Nagar, All India Institute of Medical Sciences, New Delhi-110029	Rs.19,52,000/- G-Rs. 18,92,000/- C-Rs. 60,000/-	24 Months
19	DST/TDD/2K 12/211	Documentation of Technologies developed/demonstrated/promoted by State Councils	Dr. SGS Swamy, Executive Secretary, Karnataka State Council for Science & Technology, Indian Institute of Science, Bangalore-560012.	Rs.10,70,400/- G-Rs. 10,70,400/-	12 Months
20	DST/TDD/2K 12/198	Establishment of Electronic cardless Jacquard Loom weaving centre for the socio economic development of	Dr. R Kumaravelu , Sr. Research Consultant, Vivekha Charitable Trust, 10/34B, Narasigngarayar Street, Kancheepuram-631502, Tamil Nadu	Rs.35,66,500/- G- Rs.11,89,000/- C- Rs.23,77,500/-	18 Months

		marginalized handloom weavers			
21	DST/TDD/2K 12/195	Value addition of agro produce through Multi-Disciplinary science & Technology inputs in Nagaland	Dr. Zavei Hiese, Member Secretary, Nagaland State Science & Technology Council, Old Sectt. Complex, Kohima-797001 & Dr. M V Rane, Institute Chair Professor, Indian Institute of Technology Bombay, Department of Mechanical Engineering, Heat Pump Laboratory, IIT Powai Mumbai-400076	Rs.1,99,76,200/- G-Rs. 1,33,26,200/- C- Rs. 66,50,000/-	36 Months
22	DST/TDD/2K 13/229	Empowerment of rural women through training programme on the development of value added livestock products	Dr. Zuhaib Fayaz Bhat, Assistant Professor, Division of Livestock Products Technology, Faculty of Veterinary Science and Animal Husbandry, Sher-e-Kashmir University of Agricultural Sciences and Technology, R S Pura, Jammu-181102	Rs.5,02,000/- G- Rs.1,76,000/- C- Rs.1,50,000/-	24 Months
23	DST/TDD/2K 12/172	Dori Micro Hydel project (2x 100Kw) at Dokoputu village, West Siang district, Arunachal Pradesh	Er. Tanya Ronya, Director & Member Secretary, Arunachal Pradesh State Council for Science and Technology (APCOST), Dept. of IT Science and Technology, Govt. of Arunachal Pradesh, ESS Sector, Maung- phi Complex, Itanagar- 791 113	Rs. 4,83,38,000/-(DST - 4,54,00,000/-+APCOST- 29,38,000/-) G- Rs.54,38,000/- (DST - 43,00,000/- + APCOST-11,38,000/-) C- Rs. 4,29,00,000/-(DST - 4,11,00,000/- +APCOST- 18,00,000/-)	24 Months
24	DST/TDD/2K 12/183	Development of a robust, high performance and field ready rural lighting solution using Rapidly Rechargeable Hybrid Ultra Capacitors (RRHUC)	Dr. A K Shukla, Professor, Dept. of Solid State & Structural Chemistry Unit, Indian Institute of Science Bangalore-560012	Rs.78,98,000/- G-RS. 78,98,000/-	20 Months
25	DST/TDD/2K 13/213	Promotion of Environmental Friendly Plasma Nitriding/Nitrocarburizing Process for Wear and Corrosion Resistance of Industrial Components	Dr. IA Palani, Assistant Professor, IIT Indore, School of Engineering, Mechanical Engineering Discipline, PACI Building, Opp. Veterniary College, AB Road, Mhow, Indore- 453 441, Madhya Pradesh	Rs.9784000/- G-Rs. 17,84,000/- C-Rs. 80,00,000/-	24 Months
26	DST/TDD/2K 12/162	Capacity building for taxonomy, generating and sharing taxonomic information through digital herbarium	Dr. S. John Britto, Director, St. Joseph's College, The Rapinat Herbarium and Centre for Molecular, Systematics, Tamilnadu, Tiruchirappali-620002.	Rs.1,25,69,000/- G-Rs. 55,69,000/- C-Rs.70,00,000/-	36 Months
27	DST/TDD/2K 12/170	Pilot scale optimization for standardization of processing and agro technologies of selected high value aromatic and medicinal plants including technology demonstration and extension for socio-economic upliftment	Dr. Zavei Hiese, Member Secretary, Nagaland State Science & Technology Council, Old Sectt. Complex, Kohima-797001 & Dr YS Bedi, Plant Biologist & Head, CSIR IIIM Sanatnagar Sinagar 190005	Rs. 4,14,75,600/- G-Rs. 1,51,75,600/- C-Rs. 2,63,00,000/-	36 Months
28	DST/TDD/2K 12/167	MASTEC-ICAR joint venture project on pisciculture and its allied activities for socio-economic development in Manipur	Th. Surendranath Singh, Executive Director, Manipur Science & Technology Council, Central Jail road, Imphal-795001 & Dr Narendra Prakash, ICAR Research Complex for NEH Region, Manipur Centre, Lamphelpat, Imphal-795 004, Manipur	Rs.1,06,43,480/- G-Rs. 66,73,480/- C-Rs. 39,70,000/-	36 Months