

Details of new projects sanctioned during 2016-17

SI No.	File No.	Project Title	Name & Address of PI	Total Cost	Duration
1.	DST/SSTP/Haryana/345	Utilization of Banana Juice for renewable energy and value added products	Shri Sandeep Tripathi, Research Scientist, cum Group Head Avantha Centre for Industrial Research & Development, Yamuna Nagar, Haryana-135001	Rs. 91,41,556/- G- Rs. 65,52,600/- C- Rs. 25,88,956/-	36 Months
2.	DST/SSTP/New Delhi/390	To evaluate the effect to increased outdoor activity on the incidence and progression of myopia in school children	Dr. Rohit Saxena, Additional professor, Dr. R.P. centre for Ophthalmic Sciences, All India Institute of Medical Science Ansari Nagar, New Delhi-110029	Rs. 48,63,813 G-47,85,840/- C-77,973/-	36 Months
3.	DST/SSTP/Mizoram/418	Preliminary study for scouting of indigenous grass root innovators and technologies of Mizoram	Dr. RK Lallianthanga, Chief Scientific Officer & Member Secretary, Mizoram Science Technology and Innovation Council, Directorate of Science & Technology, Govt. of Mizoram, Chaltang Dawrkawn, Aizwal-796012, Mizoram	Rs. 15,46,000/- G-15,00,000/- C-46,000/-	12 Months
4.	DST/SSTP/UP/391	History & Technological status of Khurja pottery cluster	Dr. Lalit Kumar Sharma, Scientist in Charge, Khurja Centre, CSIR- Central Glass and Ceramic Research Institute, Khurja Centre, UP-203131	Rs. 13,50,000/- G-12,34,020/- C-1,15,980/-	18 Months
5.	DST/SSTP/Arunachal Pradesh/404	Installation of SIRU RIJO Micro Hydrel (2X50Kw) at Gankak in District West Siang	Er. Tanya Ronya, Er. T. Ronya, Director cum Member Secretary, Arunachal Pradesh State Council for Science & Technology Arunachal Pradesh, ESS Sector, Itanagar, Arunachal Pradesh Pin-791113	Rs. 2,10,43,865/- G-23,30,000/- C-1,87,13,865/-	18 Months
6.	DST/SSTP/Arunachal Pradesh/341	Sanitary Napkin Production and Training for self-Sustainability for rural Tribal Women of Arunachal Pradesh	Miss Yumbi Yongam, Scientist-B, Arunachal Pradesh State Council for Science & Technology Arunachal Pradesh, ESS Sector Itanagar, Arunachal Pradesh Pin-791113	Rs. 40,37,000/- G-31,22,000/- C-9,15,000/-	24 Months
7.	DST/SSTP/UP/285	Development and scale up of technology for invitro (fermentation and in vivo production) of Entomopathogenic Nematodes (EPN) and comparative studies of efficacy of local strains of EPN and other bio-agents including training and demonstrations programmes.	Mr. Jagpal Singh, Secretary, Foundation for Agricultural Resources Management and Environmental Remediation (FARMER), 74 B, 1 st floor, Garhi, Near East of Kailas, New Delhi-110 065.	Rs. 91,64,793/- G-42,99,200/- C-48,65,593/-	36 Months
8.	DST/SSTP/Arunachal Pradesh/356	Establishment of modern nursery forest regeneration and conservation of economically important plant species at Sibi and Rilung village of Koloriang Circle, Kurubg Kumey District Arunachal Pradesh	Dr. Debajit Mahanta, Scientist -C(S&T), Arunachal Pradesh State S&T, Department of S&T, Govt. Of Arunachal Pradesh, ESS Sector, Maung-phi Complex, Itanagar-791 113.	Rs.25,15,000/- G-Rs.18,55,000/- C-R.6,60,000/-	24 months
9.	DST/SSTP/J&K/363	Estimation and Evaluation of antimicrobial residues in foods of animal origin in Jammu region and their impact on human health.	Prof.(Dr.) Mudasir Sultana, Head, Division of veterinary Pharmacology & Toxicology, Faculty of Veterinary Sciences & Animal Husbandry, Sher-e-Kashmir University of Agricultural Sciences & Technology (SUAST-Jammu), Jammu, R.S. Pura-181 102, Jammu.	Rs.62,87,798/- G-Rs.33,07,200/- C-Rs.29,80,598/-	36 months
10.	DST/SSTP/MP/353	Development and dissemination of technologies for sustainable rural development of primitive Bharia Tribal in Patakot Valley, Chhindwara district, Madhya Pradesh, India	Dr. Edward Peter, Sr. Technical Officer, CSIR-Advanced Materials and Processes Research Institute (AMPRI), Hoshangabad Road, Near Habibganj Nake, Bhopal, Madhya Pradesh, India-462026	Rs.20,12,000/- G-Rs.20,12,000/-	36 months
11.	DST/SSTP/UP/393	Ensuing availability and dissemination of seeds of tolerant varieties for improving and stabilizing productivity in	Dr. R.K.Singh, Director, Nand Educational Foundation for Rural Development (NEFORD), 1-Devlok Colony, Church Road, Visnupuri, Aliganj, Lucknow-226 022.	Rs.39,97,000/-. (DST-29,07,000 + 10,90,000/- NEFORD) G-18,17,000/-	36 Months

		stress-prone areas of eastern UP.		C-21,80,000/-	
12.	DST/SSTP/UP/428	Community based integrated filter system for clean drinking water.	Dr. Ashok Kumar Professor, Centre for Environmental Science & Engineering & Department of Biological Sciences and Engineering, IIT Kanpur-201 016.	Rs. 75,83,296/- G-Rs.55,16,000/- C-Rs.20,67,296/-	24 months
13.	DST/SSTP/TN/377	Development of Automated Rubber Tapping Machine to improve the Socio-economic Status of Rubber Growers in Rural Areas	Dr.A.Lenin Fred, Principal, Marephraem College of Engineering & Technology, Meankara Hills, Elavuvilai , Marthandum-629 171.	Rs.37,69,651/- G-Rs.35,86,4000/- C-Rs.1,83,251/-	36 months
14.	DST/SSTP/Karnataka/268	Improving sustainable energy access among SC/ST households in Chamaraajnagar district of Karnataka –a pilot study.	Dr. H.H. Ninga Shetty Field Coordinator, Rural& Renewable Energy Group, Under Social transformation Division The Energy & Resources Cente,4 th mina, 2ns cross Domlur II stage, Bangalore-560 071.	Rs. 41,95,736/- G-Rs.41,27,000/- C-68,736/-	24 months
15.	DST/SSTP/Manipur/439	Tribal Ethnobotanical Exploration, Documentation and Usage of Wild Edible Plants in North East India.	Dr. Rimai Joy, Director, Research & Training, Ardent Foundation, Ng. Ngareophung, Phungreitang, West Ukul-795 142, Manipur.	Rs.22,57,588/- G-Rs.20,49,000/- C-Rs.2,08,588/-	24 months
16.	DST/SSTP/Arunachal Pradesh/396	Demonstration of three tier Agro forestry system and Bamboo drip irrigation along with allied activities for self-sustainability of tribal people of Dokoputu Village, Arunachal Pradesh.	Mr. H.K. Dutta, Additional Director, State Remote Sensing Application Centre, Arunachal Pradesh State Council for S&T (APSCST), Department of S&T, Govt. of Arunachal Pradesh, ESS Sector, Maungphi-Maungphi Complex, Itanagar-791 113.	Rs.5,90,91,369/- G-R.5,64,72,800/-	36 months
17.	DST/SSTP/Karnataka/381	Demonstration of importance of efficient AM fungi in chilli and tomato.	Dr.M.N.Sreenivas, Professor, Department of Agriculture Microbiology, University of Agricultural Sciences, Dhrward, Karnataka-580 025.	Rs.35,52,240/- G-Rs.12,29,040/-	36 months
18.	DST/SSTP/Assam/433	Design and Development of Sensing & Control System for Quality Teas Production.	Dr. Upal Sharma, Associate Professor, University Science Instrumentation Centre, Department of Instrumentation, Guwahati University, Gopinath Bardoloi Nagar, Guwhati-781 014.	Rs.7,35,456/- G-Rs.6,50,000/- C-Rs. 85,456/-	12 months
19.	DST/SSTP/Kerala/453	Survey on proper utilization of <i>Garcinia gummigutta</i> seed oil as therapeutic, edible in Konkan region of Goa & Kerala.	Dr. Shiney George, Professor & HOD, Department of Biotechnology, Presentation College of Applied Sciences, Puthenvelikara, Ernakulam district (Under MG University, Kerala-683 594	Rs.33,27,670/- G-Rs.14,01,730/- C-Rs.19.15.940/-	18 months
20.	DST/SSTP/Nagaland/434	Study of the relationship of Epstein-Barr virus with the high occurrence of Nasopharyngeal Carcinoma among the various tribal group of Nagaland.	Dr.V. Khamo, HOD, Department of Pathology, Healthcare laboratory & Research Centre, Nagaland Hospital authority, Kohima-797 001, Nagaland.	Rs.1,10,50,960/- G-Rs.69,06,460/- C-Rs.41.44,500/-	36 months
21.	DST/SSTP/J&K/459	Molecular characterization of non-small cell lung carcinoma in patients from Jammu & Kashmir.	Dr. Rakesh Kumar, Assistant Professor, Department of Biotechnology, Shri Mata Vaishno Devi University, University Campus, Sub-Post Officer, Katra, Jammu & Kashmir-182 320.	Rs.90,01,892/- G- Rs.72,12,040/- C-Rs.17,89,852/-	36 months
22.	DST/SSTP/UP/392	DST Centre for The Development of Waste Utilization Technologies for Ceramic Industries	Shri. Lalit Kumar Sharma, Scientist-In-Charge, CSIR-Central Glass & Ceramic Research Institute, (CSIR –CGCRI, Khurja Centre,), G.T. Road, Khurja-203131 (U.P)	Rs. 2,52,81,042 /- G- Rs. 60,30,000/- C- Rs. 192,51,042/- DST contribution: Rs. 2,23,11,042/- CSIR–CGCRI, contribution Rs. 29,70,000/-	36 Months
23.	DST/SSTP/Tamilnadu /528	Enhanced alternative biotreatment of textile effluents to CETPS through nanostructure based comprehensive treatment system	Dr. R. Rajendran, Professor, PSG College of Arts and Sciences, Civil Aerodrome (PO), Coimbatore-641014, Tamilnadu	Rs. 1,16,36,400/- G- Rs. 36,36,400/- C- Rs. 80,00,000/-	36 Months

24.	DST/SSTP/ Arunachal Pradesh/5 18	Establishment of sea Buckthorn Nursery at Boha Village of Kalatang Circle West Kameng District Arunachal Pradesh	Dr. Debajit Mahanta, Scientist-C (S&T), Arunachal Pradesh State Council of Science & technology, Dept. of Science and Technology, Govt. of Arunachal Pradesh, ESS Sector, Maung- phi Complex, Itanagar- 791 113	Rs. 23,94,600/- G- Rs. 15,78,100/- C- Rs. 8,16,500/-	24 Months
25.	DST/SSTP/ Bihar/444	To study the Role of WTI/II Genetic Factors Associated Etiopathology of Wilms Tumor in Eastern Part of the Country with Special Reference to Bihar	Dr. Ajit Kumar Saxena, Professor & Head, Department of Pathology / Laboratory Medicine, All India Institute of Medical Sciences Patna, Phulwarisharif, Near WALMI, Patna-801507, Bihar	Rs. 38,13,200/- G- Rs. 26,93,200/- C- Rs. 11,20,000/-	36 Months
26.	DST/SSTP/ Maharashtra/474	Dissemination of fisheries technology for poverty alleviation of tribal/rural communities of Gadchiroli district	Sh. R.H.Rathod, Assistant Professor, Department of Fisheries Resources, Economics, Statistics and Extension Education, College of Fishery Science (Maharashtra Animal and Fishery Sciences University, Nagpur), Seminary Hills, Nagpur - 440006	Rs. 63,99,308/- G- Rs. 52,05,200/- C- Rs. 11,94,108/-	36 Months
27.	DST/SSTP/ Maharashtra/464	Utilization and development of process for recovery of strategic rare earths from industrial waste -Bauxite Residue at lab scale	Dr. Upendra Singh, Senior Scientist, Department of Bauxite, Jawaharlal Nehru Aluminium Research Development and Design Centre, Amaravati Road, Wadi, Nagpur -440023, Maharashtra	Rs. 104,40,400/- G- Rs. 49,24,400/- C- Rs. 55,16,000/-	36 Months
28.	DST/SSTP/ Telangana/ 425	Kitchen- waste operated biogas plants (a safe, clean and wealth generation & swach bharat initiative)	Dr. CV Rama Krishna, Project Director (FAC), Telangana State Council of Science and Technology, 12th Floor, Gagan Vihar, Opp. Gandhi Bhawan, Nampalli, Hyderabad- 500 001, Telangana	Rs. 1,60,60,000/- G- Rs. 48,60,000/- C- Rs. 1,12,00,000/- DST part: Rs. 96,36,000/- TCOST part: Rs. 64,24,000/-	36 Months
29.	DST/SSTP/ HP/481	Manufacture of Pine Needle Based Fibreboards/Particleboards	Dr. Bharti Gaur, Associate Professor, Department of Chemistry, National Institute of Technology, Hamirpur, Anu, Hamirpur, Himachal Pradesh-177005	Rs. 40,77,935/- G- Rs. 29,43,800/- C- Rs. 11,34,135/-	36 Months
30.	DST/SSTP/ Arunachal Pradesh/4 01	Study on Land Slide in Hill Road and approach to control	Er. Tanya Ronya, Director cum Member Secretary, Arunachal Pradesh State Council of Science & Technology (APSCST), Dept. of Science and Technology, Govt. of Arunachal Pradesh, ESS Sector, Maung- phi Complex, Itanagar- 791 113	Rs. 2,65,15,311/- G- Rs. 55,67,200/- C- Rs. 2,09,48,111/-	24 Months
31.	DST/SSTP/ Himachal Pradesh/4 94	Pilot project on snow ice harvesting at Pooh Village District Kinnaur, Himachal Pradesh	Shri. P.S.Negi, Joint Director, Snow and Avalanche Study Establishment, RDC SASE, Him Parisar, Sector-37-b Chandigarh-160036 & Dr.S.S.Randhawa, Senior Scientific Officer, State Centre on Climate Change under the Aegis of State Council for Science Technology & Environment, State Council for Science Technology & Environment, Himachal Pradesh, 34 SDA Complex Kasumpti Shimla-171011, Himachal Pradesh	Rs. 88,60,490/- G- Rs. 58,02,900/- C- Rs. 30,57,590/-	36 Months
32.	DST/SSTP/ Karnataka/ 484	Field testing of Hybrid Ultra Capacitors (HUC) powered solar lighting kits and solar street lights for grid deprived rural lighting in varying climate zones in India	Dr. S. G. Sreekanteshwara Swamy, Executive Secretary, Karnataka State Council for Science and Technology Indian Institute of Science Campus Bengaluru-560012	Rs. 76,43,982/- G- Rs. 74,50,000/- C- Rs. 1,93,982/- DST contribution: Rs. 37,73,982/- Industry contribution: Rs. 25,50,000/- KSCST contribution: Rs. 13,20,000/-	18 Months
33.	DST/SSTP/ Odisha/44 3	Fungal degradation of azo dyes present in Textile waste water and its re-use for irrigation & sustainable development	Dr. Sangeeta Raut, Assoc. Professor, Dept. of Biotechnology, Gandhi Institute of Engineering and Technology, Gandhi Institute of Engineering & Technology, Gunupur- 765022, Dist- Rayagada (Odisha)	Rs. 39,00,520/- G- Rs. 22,25,520/- C- Rs. 16,75,000/-	36 months