

Details of new projects sanctioned during 2019-20

SI No.	Date of Issue of Sanction	Total Cost/Duration	File No.	Project Title	Name & Address of PI
1.	21.05.2019	Rs. 8,16,384/- G: Rs. 2,60,000/- C: Rs. 5,56,384/- 12 months	DST/SSTP/2018/35	Design, Development and Demonstration of one Vertical Axis Free flow helical clustered water Turbine in Mizoram	Dr. R. Ashok Gandhi, Associate Professor, Mechanical Engineering, Sri Sai Ram Engineering College, Sai Leo Nagar, Chennai - 600 044, Tamilnadu
2.	21.05.2019	Rs. 9,40,509/- G: Rs. 5,11,000/- C: Rs. 4,29,509/- 12 months	DST/SSTP/2018/171	Value-addition in jasmine: Developing drying technology for Jasminum flowers for superior application in aroma therapy, skin care and flavouring of green tea	Professor AdinpunyaMitra, Agricultural and Food Engineering Department, Indian Institute of Technology Kharagpur, Kharagpur - 721 302.
3.	21.05.2019	Rs. 2,66,09,400/- G: Rs. 1,13,82,000/- C: Rs. 1,52,27,400/- 36 months	DST/SSTP/2018/462	Development of Integrated Model Villages in Uttarakhand State	Shri. Himani Purohit, Senior Scientist, Himalayan Environmental Studies and Conservation Organization(HESCO), Vill. Shuklapur, P.O. Ambiwala, District Dehradun, State
4.	21.05.2019	Rs. 2,66,09,400/- G: Rs. 1,13,82,000/- C: Rs. 1,52,27,400/- 24 months	DST/SSTP/2018-19/407	Development and testing of portable kiln of 1 tonne capacity for charcoal production from Prosopisjuliflora	Prof. Abhijit P Deshpande Department of Chemical Engineering; Rural Technology 2nd Floor, Centre for Industrial Consultancy and Sponsored Research, IIT Madras, Chennai- 600 036, Tamilnadu
5.	21.05.2019	Rs. 57,84,805/- G: Rs. 32,42,240/- C: Rs. 25,42,565/- 36 months	DST/SSTP/2018/50	Characterization of the germplasm and development of quality planting material in walnut	Dr. Manoj Kumar Dhar, Professor, School of Biotechnology, University of Jammu, B. R. Ambedkar Road, Jammu -180006
6.	21.05.2019	Rs. 15,75,010/- G: Rs. 12,57,000/- C: Rs. 3,18,010/- 36 months	DST/SSTP/2018/161	Design and Development of Dehydrating device for continuous processing of herbal leaves	Dr. S. Rajakarunakaran, Professor & Head, Department of Mechanical Engineering, Ramco Institute of Technology, Krishnapuram Panchayat, North Venganallur Village,
7.	21.05.2019	Rs. 35,32,240/- G: Rs. 12,57,000/- C: Rs. 3,18,010/- 36 months	DST/SSTP/2018/232	Design of an Automatic Fabric Defect and Shade Variation Detector: A Predictive Model for Textile Industries in Tiruppur District, TamilNadu	Dr. Meeradevi Thiagarajan, Professor Department of E&C, Kongu Engineering College, Perundurai, Erode - 638 052, Tamilandu
8.	21.05.2019	Rs. 38,28,970/- G: Rs. 32,77,120/- C: Rs. 5,51,850/- 36 months	DST/SSTP/2018/467	Design and Field Testing of an Energy Autonomous Internet of Things Enabled Cattle Estrus Detection Device Targeted for Resource Constrained Regions	Dr. Biswajit Mishra, Professor, Department of VLSI and Embedded Systems Research, Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, 2104-FB2, Nr. Indroda Circle, Gandhinagar-382007, Gujarat
9.	21.05.2019	Rs. 29,36,920/- G: Rs. 26,36,920/- C: Rs. 3,00,000/- 24 months	DST/SSTP/2018-19/139	Finger Gesture based Alternative Drive Controller for Powered Wheelchairs (Ges Chair)	Dr. Amit Laddi, Senior Scientist, Biomedical Instrumentation, CSIR-Central Scientific, Instruments Organization, Sector 30 C, Chandigarh -160030
10.	21.05.2019	Rs. 53,27,461/- G: Rs. 41,46,800/- C: Rs. 11,80,661/- 36 months	DST/SSTP/2018/238	Evaluation of Heterotrophic Food Chain in Different Agro Climatic Regions and Strategies for Enhancement of Fish Production	Dr. Manjappa N, Assistant Professor, Department of Fisheries Research and Information Centre (Inland), Fisheries Research and Information Centre Karnataka Veterinary, Animal
11.	21.05.2019	Rs. 26,93,000/- G: Rs. 16,68,000/-	DST/SSTP/2018-19/376	Process scale up for enzymatic dehairing of skin as an alternative to chemical dehairing for leather industry of	Dr. Naveen Gupta, Assistant Professor, Room no 302/320, BMS Block 1: Department of Microbiology Panjab University

		C: Rs. 10,25,000/- 24 months		Punjab	Chandigarh
12.	21.05.2019	Rs. 19,43,112/- G: Rs. 14,48,700/- C: Rs. 4,94,412/- 36 months	DST/SSTP/2018-19/303	A qualitative analysis into the barriers for policy implementation and creation of employment opportunities for persons with disabilities pwds living in rural villages of Tiruvallur Dist, Tamilnadu.	Dr. Murugeswari, Velammal Institute of Technology, Chennai - Kolkatta Highway Panchetti, Thiruvallur, Tamilnadu
13.	21.05.2019	Rs. 17,00,959/- G: Rs. 16,15,229/- C: Rs. 85,730/- 36 months	DST/SSTP/2018-19/10	Design of game-based communication platform for children with cerebral palsy	Dr. R Amutha, Professor, SSN College of Engineering, Rajiv Gandhi Salai, Kalavakkam, Chennai, Tamilnadu
14.	20.06.2019	Rs. 1,64,89,700/- G: Rs. 88,76,000/- C: Rs. 76,13,700/- 36 months	DST/SSTP/2018/465	Development of Integrated Model Villages (3 Nos.) in Meghalaya State	Shri Augustus Shemphang Suting, Officer on Special Duty – SCSTE & Member Secretary, State Council of Science Technology & Environment (SCSTE) Meghalaya, Meghalaya State Housing Financing Cooperative Society Ltd, Nongrim Hills, Shillong -793003, Meghalaya
15.	20.06.2019	Rs. 97,55,970/- G: Rs. 87,73,840/- C: Rs. 9,82,130/- 36 months	DST/SSTP/2018/149	Design and development of pyrolyser to process various agricultural biomass and to demonstrate its technical feasibility	Dr. V.Velmurugan, Professor, Francis Xavier Engineering College, No. 103 G2 By Pass Road, Vannarpettai, Vannarpettai, Tirunelveli - 627003 (FXEC) and Dr. Yogita Shukla, Professor, Dronacharya College of Engineering, Gurgaon, Farrukh Nagar - 122506, Haryana (DCE)
16.	20.06.2019	Rs. 5,77,43,348/- G: Rs. 1,10,91,000/- C: Rs. 4,66,52,348/- 48 months	DST/SSTP/2018/466	Setting up of Technology Demonstrations Center in Meghalaya on a Value Chain Approach	Shri Augustus Shemphang Suting, Officer on Special Duty – SCSTE & Member Secretary, State Council of Science Technology & Environment (SCSTE) Meghalaya, Meghalaya State
17.	20.06.2019	Rs. 1,64,89,700/- G: Rs. 88,76,000/- C: Rs. 76,13,700/- 36 months	DST/SSTP/2018/463	Development of Integrated Model Villages (3 Nos.) in Manipur State	Th. Surendranath Singh, Director, Manipur Science & Technology Council, Central Jail Road, Imphal-795001, Manipur
18.	24.06.2019		DST/SSTP/2018/464	Development of Integrated Model Villages (3 Nos.) in Arunachal Pradesh State	Ms. YumbiBijumYomgam, Scientist B, Arunachal Pradesh Science & Technology Council, Science & Technology Office, Ess Sector, Itanagar, Arunachal Pradesh, Pin-791111
19.	24.06.2019	Rs. 1,25,80,000/- G: Rs. 1,25,80,000/- C: Rs. 36 months	DST/SSTP/SPP/Kerala/2018-19	Project proposal on Student Project Scheme	Dr. Anil Kumar C, Principal Scientist & Head, Science Education Div., Kerala State Council for Science, Technology and Environment (KSCSTE), Sasthra Bhavan, Pattom Palace, Thiruvananthapuram – 695004, Kerala
20.	24.06.2019	Rs. 38,14,095/- G: Rs. 34,27,832/- C: Rs. 3,86,263/- 36 months	DST/SSTP/2018/446	Geo-chemical mapping of ground water quality in and around Lignite Zones of Gujarat Mineral Development Corporation's (GMDC) operated mines	Dr. Syed Zaheer Hasan, Principle Research Scientist, Petroleum Research Wing, Gujarat Energy Research and Management Institute (GERMI), First Floor, Energy Building, PDP
21.	24.06.2019	Rs. 1,25,80,000/- G: Rs. 1,25,80,000/- C: Rs. 36 months	DST/SSTP/SPP/Karnataka/2018-19	Project proposal on Student Project Scheme	Dr. S. G. Sreekantesswara Swamy, Member Secretary, Karnataka State Council of Science & Technology (KSCST), Indian Institute of Science Campus, Bengaluru - 560012
22.	24.06.2019	Rs. 70,99,120/- G: Rs. 43,99,120/- C: Rs. 27,00,000/- 36 months	DST/SSTP/2018-19/30	Dissemination of poultry and goat meat processing technology and establishment of meat processing demonstration unit for livelihood upliftment of farmers and butcher	Dr. RupeshNageshWaghmare, Assistant Professor, College of Veterinary and Animal Sciences Parbhani, V. N. Marathwada Agriculture University Campus, Parbhani, Maharashtra

23.	26.06.2019	Rs. 2,08,11,359/- G: Rs. 1,92,89,688/- C: Rs. 15,21,671 36 months	DST/SSTP/2018/135	Impact of community based targeted intervention on incidence and control of Non-Communicable Diseases NCDs among tribal population of Kashmir Valley	Prof. Omar Javed Shah, Director Sher-i-Kashmir Institute of Medical Sciences, Srinagar and Ex-Officio Secretary to Govt. of J&K, Chairman GI Surgery, Sher-i-Kashmir Institute of Medical Sciences Srinagar, Post Bag 27, Soura, Srinagar -190011&Prof. Mohd Ashraf Ganie, Associate Professor Department of Endocrinology & Metabolism, All India Institute of Medical Sciences (AIIMS), New Delhi- 110029
24.	24.06.2019	Rs. 66,64,000/- G: Rs. 27,64,000/- C: Rs. 39,00,000/- 24 months	DST/SSTP/2018-19/203	Introduction of SPRERI-TECH Fluidized Bed Gasification System in Poha Making Industries for Improved Efficiency and Working Environment	Dr. Sandeep kumar, Principal Scientist, Thermo Chemical conversion division (Sardar Patel Renewable Energy Research Institute (SPRERI) Post Box No: 2, Nr. BVM Engineering Collage, VallabhVidhyanagar, Gujarat
25.	18.07.2019	Rs. 33,70,240/- G: Rs. 22,15,240/- C: Rs. 11,55,000/- 36 months	DST/SSTP/2018/23	Development and Scale-up of Desert Soilification Technology (DST) for Land Reclamation in Western Rajasthan	Dr. Akhil Agrawal, Assistant Professor, Department of Microbiology, Central University of Rajasthan, Bandarsindri, NH-8, Kishangarh, Ajmer 305817 & Dr. LalitaLedwani, Professor, Department of Chemistry, Manipal University Jaipur, Dehmi Kalan, Near GVK Toll Plaza, Jaipur-Ajmer Expressway, Jaipur, Rajasthan 303007
26.	17.07.2019	Rs. 94,76,800/- G: Rs. 53,36,800/- C: Rs. 41,40,000/- 36 months	DST/SSTP/2018-19/401	Design a prototype configuration model for the vessel tracking system for the benefit of fishermen community and extend the configuration to the Tamil Nadu coastline	Dr. E. N Ganesh, Dean, School of Engineering, Vels Institute of Science, Technology & Advanced Studies, Electronics & Communication Engineering, Velan Nagar, P.V. Vaithyalingam road, Pallavaram, Chennai – 600117
27.	01.08.2019	Rs. 38,76,900/- G: Rs. 15,04,500/- C: Rs. 23,72,400/- 36 months	DST/SSTP/2018/21	Quality Planting Material Production for Sustaining Future Fruit Production in Kargil (Ladakh)	Dr. DisketDolkar, Subject Matter Specialist (Fruit Science), Department of Fruit Science, KrishiVigyan Kendra, Kargil (SKUAST-K), KrishiVigyan Kendra, KhurbathangKargil (J&K)-194103
28.	20.08.2019	Rs. 48,58,800/- G: Rs. 48,58,800/- 36 months	DST/SSTP/2018/425	Disease burden quantification in small ruminants and impact of adopting preventive interventions on rural livestock farmers in Odisha	Dr. G. Govindaraj, Senior Scientist, Department of Agricultural Economics, ICAR-National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Post Box No. 6450, Ramagondanahall village, Yelahanka, Bangalore-560 064, Karnataka
29.	02.09.2019	Rs. 19,15,620/- G: Rs. 8,43,000/- C: Rs. 10,72,620/- 24 months	DST/SSTP/2018/391	Synthesis of Biodegradable Polymer for Carry Bag Using Biomass wastes	Prof. AbantiSahoo, Professor, Department of Chemical Engineering, National Institute of Technology, Rourkela-769008, Odisha
30.	02.09.2019	Rs. 36,54,840/- G: Rs. 36,54,840/- 24 months	DST/SSTP/2018/429	Integration of Non-Timber Forest Products (NTFPs) as a means of socio-economic development in selected scheduled areas of Madhya Pradesh	Dr. Sandeep Kaushik, Assistant Professor, Department of Environmental Science, Indira Gandhi National Tribal University, Amarkantak, Village-Lalpur, Distt- Anuppur, Madhya Pradesh, Pin -484887
31.	25.09.2019	Rs. 1,40,70,000/- G: Rs. 36 months	DST/SSTP/SPP/Bihar/2019-20	Project proposal on Student Project Scheme	Dr. Chandra Shekhar Singh
32.	02.12.2019	Rs. 60,50,468/- G: Rs. 40,50,480/- C: Rs. 19,99,988/- 36 months	DST/SSTP/2018/76	Valuable products from oranges- addressing a problem of Nagpur division of Vidarbha, the largest orange producer	Dr. SachinMandavgane, Associate Professor, Department of Chemical Engineering, Visvesvaraya National Institute of Technology Nagpur (VNIT Nagpur), South Ambazari Road, Nagpur, Maharashtra, 440010
33.	05.12.2019	Rs. 12,24,000/- G: Rs.	DST/SSTP/2018/229	Awareness on natural resources with special mention to water and Biodiversity to community”	Dr. Swati Samvatsar, Director, KCES’ Jalasri Watershed Surveillance and Research Institute, M.J.College Campus

		12 months			Jalgaon, 425002, Maharashtra
34.	20.12.2019	Rs. 75,59,520/- G: Rs. 41,43,120/- C: Rs. 34,16,400/- 36 months	DST/SSTP/2018/204	Appraisal of Options for Resource Recovery and Recycling from Sewage Sludge	Dr. Anurag Garg, Associate Professor, Centre for Environmental Science and Engineering, Indian Institute of Technology Bombay, Powai, Mumbai, Maharashtra 400076