

## Details of new projects sanctioned during 2017-18

SI No.	Date of Issue of Sanction	Total Cost/Duration	File No.	Project Title	Name & Address of PI
1.	13.06.2017	Rs.1,96,43,602 G: 1,27,41,756/- C: 69,01,846/- 36 months	DST/SSTP/ HP /482	Studies on improving livelihood generation through scientific interventions in Pinusgerardiana Wall. and important wild mushrooms in Himachal Pradesh	Dr. AshwaniTapwal, Scientist-D, Dept. of Forest Protection Division, Himalayan Forest Research Institute (HFRI), (Indian Council of Forest Research & Education), Conifer Campus, Panthaghati, Shimla-171013, H.P, Sh. Kunal Satyarthi, Member Secretary, State Council for Science, Technology & Environment, B-34, SDA Complex, Kasumpti, Shimla-17100, HP, & Sh. Pitamber Singh Negi, Scientist-B, Dept. of Forest Protection Division, Himalayan Forest Research Institute (HFRI), (Indian Council of Forest Research & Education), Conifer Campus, Panthaghati, Shimla-171013, H.P
2.	03.10.2017	Rs. 92,80,712/- G: Rs. 83,00,712/- C: Rs. 9,80,712/- 24 months	DST/SSTP/Chhatt isgarh/409	Empowerment of tribal population of Bastar division through technology transfer in personal health and hygiene	Prof. M. M. Humbarde, Director General, Chhattisgarh Council of Science & Technology, M.I.G. 25, Indravati Colony, Raipur -492 007 (Chhattisgarh)
3.	10.10.2017	Rs. 41,44,339/- G: 25,91,000/- C: 15,53,339/- 36 months	DST/SSTP/Mahar ashtra/2/2017-18	Sustainable model of livelihood upgrade of the tribal population in Gadchiroli district, Maharashtra, through scientific cultivation practices for medicinal plants with the back	Shri Ashish Kumar gharai, Chief Programme Officer, Science & Technology Resource Cente (STRC), Gondwana University, Gadchiroli, 58, Telecom Nagar, Nagpur - 440022
4.	02.11.2017	Rs. 41,44,339/- G: 25,91,000/- C: 15,53,339/- 36 months	DST/SSTP/Chhati sgarh/3/2017-18	Study on socio economic status of the bell metal artisans and technological intervention for value addition in bell metal craft	Shri BP Sahu, Sr. Manager, Chhatisgarh Industrial and Technical Consultancy Centre (CITCON), A division of MPCOn Ltd., 190 Samta Colony, Raipur- Chhattisgrah-492 001
5.	27.12.2017	Rs. 25,88,000/- G: Rs. 25,88,000/- C: Nil 36 months	DST/SSTP/J&K/479	Population screening and scenario of micro RNA expression as the early potential diagnostic tool for gastric cancer	Prof. Sabhiya Majid, Head, Department of Bio-chemistry, Govt. Medical Collage (GMC), Karan-Nagar, Srinagar - 190 010, Jammu & Kashmir
6.	28.11.2017	Rs.1,49,76,000/- DST:89,76,000/- TNSCST: 60,00,000/- G: 87,00,000/- C: 1,86,00,000/- 36 months	DST/SSSTP/TN/24/2017-18	Project proposal on Student Project Scheme	Dr. R. Srinivasan, Member Secretary, Tamilnadu State Council of Science & Technology (TNSCST), Directorate of Technical Education Campus (DOTE), Chennai - 600025.
7.	05.03.2018	Rs. 1,27,83,095/- DST: 97,83,095/- Industry: 10,00,000/- HI: 20,00,000/- G: Rs. 21,84,000/- C: 75,99,095/- 36 months	DST/SSTP/Odisha /34/2017-18	Utilization of stone crusher dust for clean environment and production of flooring tiles and bricks: a follow up scientific studies in Khurda district of Odisha	Dr. Kiranbala Mishra, Associate Professor, Department of Civil Engineering, Sophitorium Institute of Technology & Lifeskills, Sophitorium Campus, College Road, Jatni, Khurda, Odisha-752050.
8.	05.03.2018	Rs. 89,95,800/- G: 56,71,800/- C: 29,24,000/- 36 months	DST/SSTP/UP/43 /2017-18	To study sleep, nutrition, addiction and physical activities (SNAP) and determinant of occurrence of metabolic syndrome and oral precancerous lesions	Dr. BalendraPratap Singh, Associate Professor, Department of Prosthodontic, King George's Medical University, Shah Mina Road, Lucknow - 226003, U.P

9.	05.03.2018	Rs. 79,82,800/- G: 79,82,800/- 36 months	DST/SSTP/Gujarat/40/2017-18	National Study on Potential of Entrepreneurship & Technology Commercialization of Projects Funded under DST State Science & Technology Programme during F. Y. 2012-13 to F. Y. 2016-17	Dr. S.B. Sareen, Professor, Entrepreneurship Development Institute of India, P.O. Bhat 382 428, Ahmadabad, Dist. Gandhinagar, Gujarat.
10.	08.03.2018	Rs. 49,99,575/- G: 18,81,800/- C:31,17,775/- 36 months	DST/SSTP/Tamilnadu/102/2017-18	Offshore excavation of heritage rich submerged sites of Poompuhar&Mahabalipuram by empirical mode decomposition using machine learning	Dr. S. SakthivelMurugan, Associate Professor, Electronics & Communication Engineering Dept., SSN College of Engineering, Rajiv Gandhi Salai (OMR), SSN Nagar, Kalavakkam, Pin- 603110, Chennai, Tamilnadu.
11.	15.03.2018	Rs. 9,80,710/- G: 8,81,000/- C: 99,710/- 18 months	DST/SSTP/Telangana/11/2017-18	Integrated Control of Dengue Through Predictive Models in Telangana, India	Dr. Anthony Adlagatta, Principal Scientist, Centre for Chemical Biology, CSIR-Indian Institute of Chemical Technology, Tarnaka, Hyderabad, Telangana-500607 & Dr. M. Srinivasa Rao, Scientist, Biology Division, CSIR-Indian Institute of Chemical Technology, Tarnaka, Hyderabad, Telangana- 500 607.
12.	23.03.2018	Rs. 34,32,000/- G: 19,32,000/- C: 15,00,000/- 24 months	DST/SSTP/Karnataka/69/2017-18	Design and Development of a Machine for continuous Jowar Roti Making (Both automatic with controls and Hand operated one)	Dr. V.D. Nagaraju, Senior Principal Scientist, Design & Fabrication Unit, CSIR-Central Food Technological Research Institute, Mysore-570 013, Karnataka.
13.	16.03.2018	Rs. 14,07,000/- G: 14,07,000/- C: Nil 18 months	DST/SSTP/Tamilnadu/29/2017-18	Augmented reality and IoT supported warehouse food grains quality monitoring system	Dr. A. Balaji Ganesh, Professor, Department of Electrical and Electronics Engineering, Velammal Engineering College, Surapet, Velammal Nagar, Chennai, Tamilnadu, 600066
14.	16.03.2018	Rs. 28,63,060/- G: 17,13,120/- C: 11,49,940/- 24 months	DST/SSTP/J&K/28/201718	Studies On Iodine Deficiency in Livestock & Its Management	Dr. Rajiv Singh, Professor-cum- Head, Division of Veterinary Medicine, Faculty of Veterinary Sciences & AH, Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu, R. S. Pura, Jammu, J&K State, 181102
15.	20.03.2018	Rs. 22,13,000/- G: 16,13,000/- C: 6,00,000/- 36 months	DST/SSTP/J&K/31/2017-18	Development of Innovative strategies for the Management of whitefly in vegetable ecosystem of Kashmir	Dr. Akhtar Ali Khan, Associate Professor, Division of Entomology, Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir, Shalimar Campus, Srinagar-190025(J&K)
16.	20.03.2018	Rs. 85,36,157/- G: 65,91,600/- C: 19,44,557/- 36 months	DST/SSTP/UP/38/201718	Promotion of microbe-mediated farm-centric approaches to improve soil and plant health and generate livelihood for farmers in Mau (UP)	Dr. Dhananjaya P. Singh, Principal Scientist, Department of Biotechnology, ICAR- National Bureau of Agriculturally Important Microorganisms (NBAIM), Kushmaur, MaunathBhanjan, Pin- 275101, Uttar Pradesh
17.	23.03.2018	Rs.4,48,94,728 DST: 4,08,65,814/- HI: 40,28,914/- G: 1,95,57,600/- C: 213,08,214/- 48 months	DST/SSTP/Arunachal Pradesh/45/2017-18	Setting up of rural appropriate technology demonstration centre at Arunachal Pradesh	Shri. C.D. Mungyak, Director cum Member Secretary, Arunachal Pradesh State Council for Science and Technology, Itanagar, ESS-Sector, Mung-phi Complex, Itanagar-791113
18.	23.03.2018	Rs. 1,39,33,400/- G: 84,88,400/- C: 54,45,000/- 36 months	DST/SSTP/T.N/92/2017-18	Phase change materials for deep freezing of sea food in mechanized trawlers: sustainable fishing for healthier mankind	Dr. K.P. Vinod Kumar, Assistant Professor, Department of Chemistry, University College of Engineering, Nagercoil, (Anna university, Chennai), Konam, Nagercoil- 629 004, Tamilnadu& Dr. R. Srinivasan, Member Secretary, Tamilnadu State Council for Science and Technology, DOTE Campus, Chennai- 600025, Tamilnadu

19.	23.03.2018	Rs. 1,06,72,915/- G: 71,96,400/- C: 34,76,515/- 36 months	DST/SSTP/TN/10 4/2017-18	Identification, Barcoding of Palani Hills Basidiomycetes fungi, and mycosynthesis of biodegradable packaging material alternative to Styrofoam	Dr. A.Usha Raja Nanthini, Head, Department of Biotechnology, Mother Teresa women's university, Kodaikanal-624 101, Tamilnadu
20.	23.03.2018	Rs. 40,98,800/- G: 26,41,800/- C: 14,57,000/- 36 months	DST/SSTP/TN/10 3/2017-18	Effective utilization of wasted Bycatch Fish for reclamation of soil fertility in barren land, an employment opportunity for coastal population of Tamilnadu	Dr. S. Vincent, Dean of Research & Associate Professor, PG and Research Department of Advanced Zoology and Biotechnology & Loyola College (Autonomous), Nungambakkam, Chennai – 600 034, Tamilnadu
21.	23.03.2018	Rs. 54,81,600/- G: 36,04,600/- C: 18,77,000/- 36 months	DST/SSTP/J&K/2 0/2017-18	Revival of Traditional beekeeping by improving the health of honeybees for restoration of degraded agro- ecosystems in Kashmir	Dr. Muneer Ahmad Sofi, Assistant Professor, Division of Entomology, Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir, Shalimar Campus, Srinagar-191121
22.	23.03.2018	Rs. 42,39,700/- G: 39,67,200/- C: 2,72,500/- 36 months	DST/SSTP/Kerala /78/2017-18	Management of Destructive Invasive Alien Species in the High Range Mountain Landscape of Munnar in the Western Ghats of Kerala	Dr. T.V. Sajeev, Senior Scientist & Head, Dept. of Forest Entomology, Kerala Forest Research Institute Peechi, Thrissur-680653, Kerala
23.	23.03.2018	Rs. 41,41,113/- G: 31,91,000/- C: 9,50,113/- 24 months	DST/SSTP/TN/96 /2017-18	Impact of Cultured Low Fat Synbiotic Buttermilk Supplementation On Production Performance of Broiler	Dr. R. Srinivasan, Member Secretary, Tamil Nadu State Council for Science and Technology, DOTE Campus, Chennai – 600 025, Tamilnadu (PI) & Dr. S.P. Malarkannan, Assistant Professor, Arul Anandar College, Karumathur- 652 514, Madurai, Tamilnadu (Co-PI)
24.	23.03.2018	Rs. 75,54,040/- G: 53,55,200/- C: 21,98,840/- 36 months	DST/SSTP/Karnat aka/73/2017-18	Development and Deployment of Smart Aquaculture: An IoT enabled System	Dr. Radhika M. Pai, Professor, Department of Information and Communication Technology, Manipal Institute of Technology, Manipal 576104
25.	23.03.2018	Rs. 66,84,153/- G: 27,52,620/- C: 39,31,533/- 18 months	DST/SSTP/Aruna chalPradesh/44/ 2017-18	Demonstration on the Technology on Geothermal Heating & Cooling System at Kimin General Hospital, Papum Pare District, Arunachal Pradesh	Shri. Tenzin Sherap, Scientific Officer, Department of Science & Technology of Arunachal Pradesh, Arunachal Pradesh State Council for Science and Technology, Itanagar, ESS-Sector, Mung-phi Complex, Itanagar-791113, Arunachal Pradesh
26.	23.03.2018	Rs. 5,00,00,000/- G: 1,17,00,000/- C: 3,83,00,000/- 36 months	DST/SSTP/TN/14 8/2017-18	Rural - Urban Connectivity Centres for Technology Dissemination, Research and Livelihood Sustainability	Dr. R. Srinivasan, Member Secretary, Tamil Nadu State Council for Science and Technology, DOTE Campus, Chennai – 600 025, Tamilnadu

