

## List of Applications Received - Engineering Sciences – 2018-19

Sr. No.	Name & Address of the Applicants	Title of Proposal / File No.
1	<b>Prof. Yogesh Simmhan</b> Indian Institute of Science Bangalore C. V. Raman Road Bangalore Karnataka (560012)	Scalable Management and Analytics of Temporal Graphs (DST/SJF/ET/2019/1)
2	<b>Dr. R Ananthakumar</b> Central Institute of Plastic Engineering and Technology (CIPET), B/25, CNI Complex, Patia, Bhubaneswar Orissa (751024)	High Energy Density Microsupercapacitors as Miniaturized Energy Storage Components for Next-Generation Microelectronics (DST/SJF/ET/2019/2)
3	<b>Dr. Babloo Chaudhary</b> National Institute of Technology Karnataka, Surathkal Srinivasanagar, Mangalore Karnataka (575025)	New Techniques for Tsunami Resilient Rubble Mound Breakwater: A Measure to Mitigate Tsunami-induced Damage of Coastal Areas (DST/SJF/ET/2019/3)
4	<b>Prof. Uday Kumar Reddy B</b> Indian Institute of Science bangalore C. V. Raman Road Bangalore Karnataka (560012)	High-performance Compilers for AI (DST/SJF/ET/2019/4)
5	<b>Dr. Anup Singh</b> Indian Institute of Technology- Delhi Hauz Khas New Delhi (110016)	Quantitative Multiparameteric MRI for Classification of Intracranial Mass Lesions, Treatment follow-up and Prediction of Tumor Recurrence (DST/SJF/ET/2019/5)
6	<b>Dr. Kausik Majumdar</b> Indian Institute of Science Bangalore C. V. Raman Road Bangalore Karnataka (560012)	Van Der Waals Heterojunctions - A Platform for Quantum Technologies (DST/SJF/ET/2019/6)
7	<b>Dr. Chenna Rajaram</b> Rajeev Gandhi Memorial College of Engineering and Technology Nerawada 'X' Roads Nandyal Andhra Pradesh (518501)	Seismic Hazard and Risk Assessment of Amaravati City (DST/SJF/ET/2019/7)
8	<b>Dr. B. Sathya Bama</b> Thiagarajar College of Engineering Thiruparamkundam, Madurai Tamilnadu (625015)	Precision Farming using Hyperspectral Remote Sensing with Deep Learning and IoT (DST/SJF/ET/2019/8)
9	<b>Dr. Rekha H. B.</b> Bangalore University, Jnanabharathi Campus, Bengaluru Karnataka (560056)	Analysis of Groundwater Potential and Quality Along with Soil Status in Peenya Industrial area, Bengaluru, Karnataka (DST/SJF/ET/2019/9)
10	<b>Prof. Sanjiv Sambandan</b> Indian Institute of Science Bangalore C. V. Raman Road Bangalore Bangalore Karnataka (560012)	Self Healing Integrated Circuits on Flexible Substrates (DST/SJF/ET/2019/10)

11	<b>Dr. Prabeer Barpanda</b> Indian Institute of Science Bangalore C. V. Raman Road Bangalore Karnataka (560012)	Development of High Energy Density Batteries for Automobiles and Grid Storage Using Versatile Sodium Insertion Materials <b>(DST/SJF/ET/2019/11)</b>
12	<b>Dr. Prasanta Kumar Ghosh</b> Indian Institute of Science, Bangalore CV Raman Rd, Devasandra Layout, Bengaluru Karnataka (560012)	Multi-channel active acoustic characterization of human thorax for chronic respiratory diseases <b>(DST/SJF/ET/2019/12)</b>
13	<b>Dr. Karun Rawat</b> IIT-Roorkee Roorkee Uttarakhand (247667)	Technology Development of High Power Gallium Nitride GaN Radio Frequency RF Power Amplifiers for L/S/C- band Applications <b>(DST/SJF/ET/2019/13)</b>
14	<b>Dr. Raksha Sharma</b> Indian Institute of Technology, Roorkee, India Department of Computer Science & Engineering, IIT Roorkee, Haridwar, Uttarakhand (247667)	An Automated Conversation System based on Visuals <b>(DST/SJF/ET/2019/14)</b>
15	<b>Dr. Richa Singh</b> IIT Delhi Okhla Phase III New Delhi Delhi (110020)	Deep Learning for Small Sample Size Problems (DL4S3) <b>(DST/SJF/ET/2019/15)</b>
16	<b>Prof. Abdul Rawoof Pinjari</b> Indian Institute of Science Bangalore C. V. Raman Road Bangalore Karnataka (560012)	Econometric Advances to Understand and Influence Traveller Choices in Complex Travel Environments <b>(DST/SJF/ET/2019/16)</b>
17	<b>Prof. M.M. Joglekar</b> Department of Mechanical and Industrial Engineering Indian Institute of Technology India Roorkee Uttarakhand (247667)	Design and Development of Electroactive Polymer-based Biomimetic Locomotion Devices <b>(DST/SJF/ET/2019/17)</b>
18	<b>Dr. Arnab Sarkar</b> Indian Institute of Technology Banaras Hindu University Varanasi Uttar Pradesh (221005)	Development of ORC Technology for Hydrogen Production by Utilizing Waste Heat <b>(DST/SJF/ET/2019/18)</b>
19	<b>Dr. Santanu Das</b> Indian Institute of Technology, BHU , Banaras Hindu University, Varanasi, Uttar Pradesh (221005)	Interface Engineering of Hybrid Nanostructures for Applications in Electronics and Energy Devices: Novel Approaches to Control electron transport Properties for High-performance Devices <b>(DST/SJF/ET/2019/19)</b>

20	<b>Dr. T. Senthil</b> Advanced Research School for Technology and Product Simulation, School for Sdvanced Research in Polymers, Central Institute of Plastics Engineering and Technology, Chennai T.V.K. Industrial Estate, Guindy, Chennai, Tamilnadu (600032)	Technology for Development of Cellulose Nanocrystals Reinforced 3d Prints: New Insights and Perspectives (DST/SJF/ET/2019/20)
21	<b>Dr. Raju Halder</b> Indian Institute of Technology Patna IIT Patna, Bihar (801103)	Development of Formal Analysis and Verification Platform for Blockchain Infrastructure (DST/SJF/ET/2019/21)
22	<b>Dr. Vinay Kumar</b> Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur, Maharashtra (440010)	Design and Development of AI enabled Augmented Reality Tools for assistance to persons with brain disorder leveraging MI sensor based Brain to Computer Interface (DST/SJF/ET/2019/22)
23	<b>Dr. Diptendu Sinha Roy</b> National Institute of Technology Meghalaya NIT Meghalaya Bijn Complex, Laitumkhrah Shillong ,Meghalaya (793003)	Design and Implementation of Clinical Expert System for Detecting and Localizing Tumors by Analyzing Colorectal Cancer Patients' Histopathological Image Big Data using Artificial Intelligence (DST/SJF/ET/2019/23)
24	<b>Dr. Vadali Venkata Satya Siva Srikanth</b> University of Hyderabad Prof. C.R Rao Road P.O. Central University Hyderabad, Telangana State, India Hyderabad Telangana (500046)	Sustainable production of graphenaceous materials from suitable waste- and other unique-materials through novel processes for energy applications (DST/SJF/ET/2019/24)
25	<b>Dr. Santanu De</b> Indian Institute of Technology Kanpur IIT Kanpur Nagar Uttar Pradesh (208016)	Experimental and numerical investigations of oxy-coal combustion (DST/SJF/ET/2019/25)
26	<b>Dr. Manas Khatua</b> Indian Institute of Technology Guwahati , Guwahati Assam (781039)	Development of Adaptive Link Scheduling and Multi-modal Emergency Messaging in 6TiSCH-based IoT Network for Disaster Management (DST/SJF/ET/2019/26)
27	<b>Dr. Pankaj Wahi</b> Indian Institute of Technology Kanpur IIT Kanpur Nagar Uttar Pradesh (208016)	Control strategies towards enhanced automation and improved performance during directional drilling (DST/SJF/ET/2019/27)
28	<b>Prof. Tanmoy Maiti</b> IIT Kanpur, Kanpur Uttar Pradesh (208016)	Oxide Thermoelectrics for Solid State Power Generation from Waste Heat (DST/SJF/ET/2019/28)

29	<b>Dr. Mohanasankar Sivaprakasam</b> Indian Institute of Technology Madras Chennai Tamilnadu (600036)	Advanced R&D on cuffless non-invasive blood pressure monitoring (DST/SJF/ET/2019/29)
30	<b>Prof. Subho Dasgupta</b> Indian Institute of Science CV Raman Rd, Devasandra Layout, Bengaluru, Karnataka (560012)	Printed intelligence a printing based platform for multifunctional sensors, embedded electronics and micro-supercapacitors (DST/SJF/ET/2019/30)
31	<b>Dr. Shankar Kumar Selvaraja</b> Indian Institute of Science CV Raman Rd, Devasandra Layout, Bengaluru Karnataka (560012)	Mid-Infrared Photonic Integrated Circuit for On-Chip Sensing (DST/SJF/ET/2019/31)
32	<b>Dr. Mahesh Bhimsham Dembrani</b> R C Patel Institute of Technology Shirpur Near Nimzari Naka , Shirpur Dist Dhule MS India Shirpur Maharashtra (425405)	Detection of Age-related macular degeneration for retinal Images (DST/SJF/ET/2019/32)
33	<b>Dr. Tushar Hrishikesh Jaware</b> R C Patel Institute of Technology Shirpur Near Nimzari Naka , Shirpur Dist Dhule MS India Shirpur Maharashtra (425405)	Breast Cancer Detection using Deep Learning Techniques (DST/SJF/ET/2019/33)
34	<b>Dr. Prabhu Rajagopal</b> IIT Madras Indian Institute of Technology Madras IIT Chennai Tamilnadu (600036)	Phonon Source for Imaging and Quantum Computing (DST/SJF/ET/2019/34)
35	<b>Dr. Mayank Shrivastava</b> Indian Institute of Science Centre of Earth Sciences, Indian Institute of Science Karnataka	Disruptive Techniques for Achieving Reliability in 2D Material and Gallium Nitride Devices (DST/SJF/ET/2019/35)
36	<b>Dr. Maneswar Rahang</b> National Institute of Technology, Meghalaya Bijn Complex, Laitumkhrah Shillong Meghalaya (793004)	Surface Texturing of Solar Cell by Electro Discharge Machining Process and Boosting up Its Efficiency (DST/SJF/ET/2019/36)
37	<b>Prof. Dipankar Saha</b> Indian Institute of Technology Bombay IIT Bombay, Powai Maharashtra (400076)	High performance GaN transistors based on one-dimensional and two-dimensional electron gas systems (DST/SJF/ET/2019/37)
38	<b>Dr. Lokesh Chouhan</b> National Institute of Technology Hamirpur NIT Hamirpur, Anu, Hamirpur, Himachal Pradesh (177005)	SAI Secure Addressing and Identification Scheme for the Objects in IoT (DST/SJF/ET/2019/38)
39	<b>Dr. Sourav Sarkar</b> Jadavpur University Prayukti Bhawan, 188, Raja Subodh Chandra Mallick Rd, Jadavpur University Campus Area, Jadavpur, Kolkata, West Bengal West Bengal (700032)	Perovskite and/or carbon quantum dot functionalized ZnO nanorods for photodetector and photovoltaic application (DST/SJF/ET/2019/39)

40	<b>Dr. Sanjeev Kumar Sajjan</b> Vaagdevi College of Engineering Bollikunta, Khila Warangal (Mandal) Telangana (506005)	vapor condensation of Olefins over horizontal integral-fin tubes (DST/SJF/ET/2019/40)
41	<b>Dr. Rekha P</b> Amrita School of Engineering, Amritapuri Amrita University, Amritapuri Campus, Clappana P O Kollam, Kerala. Karunagappally Kerala (690525)	Technology Assisted Agroforestry Based Intelligent Farming Systems (DST/SJF/ET/2019/41)
42	<b>Dr. Dhanya N. M.</b> Amrita Vishwa Vidyapeetham Amrita School of Engineering Ettimadai Campus Coimbatore Tamilnadu (641112)	Privacy Preserving Mobile Cloud Offloading for Deep Learning Applications. (DST/SJF/ET/2019/42)
43	<b>Dr. Arvind Kumar</b> Indian Institute of Technology Kanpur IIT Kanpur Nagar Uttar Pradesh (208016)	From particle to part precision metal additive manufacturing Development of integrated experimental - multiphysics multiscale numerical framework and realtime metrology solutions (DST/SJF/ET/2019/43)
44	<b>Dr. Rajneesh Bhardwaj</b> Indian Institute of Technology Bombay, Mumbai IIT Bombay, Powai Mumbai Maharashtra (400076)	Drying droplets of colloidal suspensions and blood on a solid surface From fundamentals to applications in bioengineering and forensics (DST/SJF/ET/2019/44)
45	<b>Dr. Abha Misra</b> Indian Institute of Science CV Raman Rd, Devasandra Layout, Bengaluru, Karnataka (560012)	Graphene based Meta-FET Device A Unique Multifunctional Platform for Integrated Molecular Sensing and Opto-electronic Communication (DST/SJF/ET/2019/45)
46	<b>Dr. Sumantra Mandal</b> Indian Institute of Technology Kharagpur Rubber Technology Centre, IIT Kharagpur West Bengal (721302)	Next generation Mg-based alloys for automotive and biomedical applications Development, characterization and property evaluation (DST/SJF/ET/2019/46)
47	<b>Prof. Shobit Omar</b> Indian Institute of Technology Kanpur IIT Kanpur Nagar Uttar Pradesh (208016)	High Performance Solid-State Ambient Na-S Batteries (DST/SJF/ET/2019/47)
48	<b>Dr. Shailesh Kundalwal</b> Indian Institute of Technology Indore Khandwa Road, Simrol Indore Madhya Pradesh (453552)	Development of next-generation and self-powered human monitoring skin sensors made of graphene/boron nitride layers using novel flexoelectricity concept Beyond conventional and known piezoelectrics (DST/SJF/ET/2019/48)

49	<b>Dr. B. B. V. L. Deepak</b> National Institute of Technology, Rourkela Nit Rourkela, Dist- Sundargarh Rourkela Orissa (769008)	online weld seam tracking strategy for producing linear and circular weldments. (DST/SJF/ET/2019/49)
50	<b>Dr. Prabina Pattanayak</b> NIT Silchar ,Silchar Assam (788010)	Development of spectral and computational efficient user/antenna scheduling algorithms for 5G and beyond communications User/Antenna Scheduling Algorithms for 5G and beyond systems (DST/SJF/ET/2019/50)
51	<b>Dr. Koteswararao V Rajulapati</b> University of Hyderabad Prof. C.R Rao Road P.O. Central University Hyderabad, Telangana State, Telangana (500046)	Development of next generation gas turbine engine materials using multi- principal element approach (DST/SJF/ET/2019/51)
52	<b>Dr. Raviraj H Mulangi</b> National Institute of Technology Karnataka, Surathkal Srinivasanagar, Mangalore Karnataka (575025)	Travel Time Reliability of Public Bus Transport System (DST/SJF/ET/2019/52)
53	<b>Dr. Rahul Vaish</b> Indian Institute of Technology Mandi Kamand Campus, VPO Kamand Distt. Mandi Kamand Himachal Pradesh (175005)	Harvesting ambient vibration and wind energy for air-cleaning using piezoelectric materials (DST/SJF/ET/2019/53)
54	<b>Prof. Phaneendra Kumar Yalavarthy</b> Indian Institute of Science CV Raman Rd, Devasandra Layout, Bengaluru, Karnataka (560012)	Multi-Spectral Optical Imaging for Non-Invasive In-Vivo Detection and Diagnosis of Oral Potentially Malignant Disorders. (DST/SJF/ET/2019/54)
55	<b>Dr. Ranjith Ramadurai</b> IIT Hyderabad Indian Institute of Technology Hyderabad Kandi Hyderabad Telangana (502285)	Functionally graded high temperature pyroelectric thin films for invasive thermal sensing and energy harvesting applications. (DST/SJF/ET/2019/55)
56	<b>Dr. Hari Murthy</b> Christ University Faculty of Engineering Faculty of Engineering, Christ University, Kengeri-Campus, Mysore Road. Bengaluru Karnataka (560074)	Barrier Coatings for Improved Food Storage Using Inkjet Printing (DST/SJF/ET/2019/56)
57	<b>Dr. Arjun Dey</b> ISRO Satellite Centre, Bangalore ISITE Campus, ISRO Outer Ring Road, Near Karthik Nagar, Marathahalli, Bangalore Bengaluru Karnataka (560037)	Tunable Emittance Surfaces for Spacecraft's Smart Thermal Control (DST/SJF/ET/2019/57)

58	<b>Dr. Saurabh Jyoti Sarma</b> Bennett University Plot Nos 8-11, TechZone II, Greater Noida 201310, Uttar Pradesh, India. NOIDA Uttar Pradesh (201310)	Gamma-butyrolactone, tetrahydrofuran and 1,4- butanediol production from rice straw derived succinic acid under a biorefinery framework (DST/SJF/ET/2019/58)
59	<b>Dr. Karan Singh</b> Jawaharlal Nehru University Aruna Asaf Ali Marg New Delhi (110067)	Improving IoT performance using AI Techniques (DST/SJF/ET/2019/59)
60	<b>Dr. Prakash Periyasamy</b> Amrtia School of Engineering, Amrita Vishwa Vidyapeetham, Amritanagar P.O Coimbatore Tamilnadu (641112)	Design and implementation of efficient fog node placement algorithm (DST/SJF/ET/2019/60)
61	<b>Dr. Shyamala G.</b> S R Engineering College Ananthasagar (V), Hasanparthy (M) Hanamkonda Telangana (506371)	A Novel Eco-Friendly Solution for Effective Utilization of Septage Treatment Plant Sludge for Rural Housing Sector (DST/SJF/ET/2019/61)
62	<b>Dr. Arun Kumar</b> Indian Institute of Technology Delhi I.I.T. Delhi, Hauz Khas, New Delhi (110016)	Understanding fate and transformation of engineered nanomaterials in natural water systems for informing exposure assessment studies (DST/SJF/ET/2019/62)
63	<b>Dr. Anshuman Sharma</b> Peoples University ,Peoples Campus Bhanpur Bhopal Madhya Pradesh (462037)	Network Intrusion Detection System by Using Artificial Immune System (DST/SJF/ET/2019/63)
64	<b>Dr. Anup Kumar Keshri</b> Indian Institute of Technology Patna IIT Patna, Patna Bihar (801103)	Graphene based Membrane for water Desalination Towards Commercialization (DST/SJF/ET/2019/64)
65	<b>Dr. Ganesan P</b> PSG College of Technology Post Box No. 1611, Peelamedu, Coimbatore Peelamedu Tamilnadu (641004)	Silk fibroin and PLLA based biodegradable nanofibre curative scaffolds membrane for healthcare applications (DST/SJF/ET/2019/65)
66	<b>Prof. Sheetal Kalyani</b> Indian Institute of Technology Madras Chennai Tamilnadu (600036)	Practical compressed sensing Estimating sparse vectors and sparse matrices without knowledge of noise statistics and signal statistics (DST/SJF/ET/2019/66)
67	<b>Dr. Pawan Kumar</b> Central University of Jammu Rahya- Suchani(Bagla) Distt. Jammu & Kashmir India Jammu And Kashmir (181143)	Practical Consumption of MOFs for pesticides electrochemical sensor (DST/SJF/ET/2019/67)
68	<b>Dr. Dipak Vitthal Pinjari</b> University of Mumbai Fort, Mumbai Maharashtra (400032)	Development of Nanoporous Smart Materials for Water Treatment (DST/SJF/ET/2019/68)

69	<b>Dr. Kulsum Jan</b> Jamia Hamdard Hamdard Nagar new Delhi (110062)	Studies on the utilization of Food-Industrial By-Products and Wastes for the Development and Characterization of Biodegradable Packaging films. (DST/SJF/ET/2019/69)
70	<b>Dr. Ch Rupa</b> Velagapudi Ramakrishna Siddhartha Engineering College Kanuru Vijayawada Andhra Pradesh (520007)	Design and Development of an Integrated Model to Analysis and Evaluation of Unstructured and Structured Cyber Crime Offences in India (DST/SJF/ET/2019/70)
71	<b>Dr. Pragaspathy Subramani</b> Vishnu Institute of Technology, Vishnupur, Bhimvaram. West Godavari Dist., Andhra Pradesh. (534202)	Design and Development of Single Input Unidirectional Dual Active Bridge Fed Multilevel Converter for Grid Connected Solar Photovoltaic Systems (DST/SJF/ET/2019/71)
72	<b>Prof. Kumar Vaibhav Srivastava</b> Indian Institute of Technology Kanpur IIT Kanpur Nagar Uttar Pradesh (208016)	Time-modulated Active Frequency Selective Surfaces to deceive Doppler Radar for Stealth Applications (DST/SJF/ET/2019/72)
73	<b>Dr. Shweta Agrawal</b> Indian Institute of Technology Madras Chennai Tamilnadu (600036)	Post Quantum Cryptography Challenges, Opportunities and Beyond (DST/SJF/ET/2019/73)
74	<b>Dr. Satyanarayana Vollala</b> Dr. SPM IIIT Naya Raipur, Chhattisgrah IIIT Naya Raipur Plot No. 7, Sector 24, Near Purkhoti Muktangan , Naya Raipur Raipur Chhattisgarh (493661)	Insider Attack Protection Mechanism using Elliptic Curve (DST/SJF/ET/2019/74)
75	<b>Dr. Velmurugan Nagarajan</b> Adhiparasakthi Engineering College Melmaruvathur Kanchipuram Tamilnadu (603319)	Design of multiband frequency reconfigurable antenna with defected ground structure for Wireless applications (DST/SJF/ET/2019/75)
76	<b>Dr. Kaushik Chatterjee</b> Indian Institute of Science CV Raman Rd, Devasandra Layout, Bengaluru Karnataka (560012)	TKR4plus-- The Next-Generation High Performance and Long-Lasting Knee Implant (DST/SJF/ET/2019/76)
77	<b>Dr. Sasithradevi A</b> V V College of Engineering, V V Nagar, Arasoor Tisyanvilai Tamilnadu (628656)	Intelligent Traffic surveillance system for abnormal event detection in smart cities (DST/SJF/ET/2019/77)



78	<b>Dr. Subir Datta</b> Mizoram University, Aizawl, Mizoram (796004)	Development a Speed Sensor-less based Control Scheme for Brushless Doubly Fed Reluctance Generator (BLDFRG) based Grid Connected Wind Energy Conversion System <b>(DST/SJF/ET/2019/78)</b>
79	<b>Dr. Somesh Kumar</b> ABV-Indian Institute of Information Technology and Management Gwalior, Morena Link Road, Gwalior, Madhya Pradesh (474015)	Design, Modelling and Performance Benchmarking of Hybrid On-Chip and Chip-to-Chip Interconnects to Mitigate the Effects of Surface Roughness <b>(DST/SJF/ET/2019/79)</b>
80	<b>Dr. Khalid Bahir</b> Jamia Hamdard , Hamdard nagar new delhi Hamdard Nagar Delhi (110062)	A surface engineering approach to innovate ready-to-use food formulations <b>(DST/SJF/ET/2019/80)</b>
81	<b>Dr. Zafir Mohammed Alam</b> Defence Metallurgical Research Laboratory (DMRL), Hyderabad (DRDO) DMRL, Kanchanbagh PO, Hyderabad Telangana (500058)	Development of Ultra-high temperature resistant Pt/Pd/Rh based Superalloy Micro-lattice structures and Thermal barrier coatings TBCs for advanced structural applications in Scramjet propulsion systems and Hypersonic vehicles <b>(DST/SJF/ET/2019/81)</b>
82	<b>Dr. S Suresh</b> University College of Engineering, Nagercoil Anna University Constituent College Konam, Nagercoil Tamilnadu (629004)	Embedding of hybrid Nano particles in 8011 Aluminium alloy matrix Challenges and Opportunities <b>(DST/SJF/ET/2019/82)</b>
83	<b>Dr. Sarika Hegde</b> NMAM Institute of Technology Nitte 574110 Karkala Taluk, Karnataka NITTE Karnataka (574110)	Interactive Speech Therapy for kids with voice disorder problems using AI techniques <b>(DST/SJF/ET/2019/83)</b>
84	<b>Dr. Shaibal Mukherjee</b> Indian Institute of Technology Indore Khandwa Road, Simrol Indore Madhya Pradesh (453552)	Real-time and portable sensor technology for health protection and environmental sustainability <b>(DST/SJF/ET/2019/84)</b>
85	<b>Dr. Sevvell</b> S.A. Engineering College Avadi- Ponamallee Road, Thiruverkadu Tamilnadu (600077)	Fabrication of Hybrid Surface Al 5083 containing MWCNT and B4C particles Composite Joints using Friction Stir Processing technique for Automotive Sector Applications <b>(DST/SJF/ET/2019/85)</b>
86	<b>Dr. Nikhil Deep Gupta</b> Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur, Maharashtra (440010)	Efficiency Enhancement in Si Solar Cells using photonic nanostructures with self colloidal assembly process <b>(DST/SJF/ET/2019/86)</b>

87	<b>Dr. Anupam Agrawal</b> Indian Institute of Technology Ropar Nangal Road Ropar Punjab (140001)	Process Development for Fabrication of Cost-effective Patient-specific Metallic Biomedical Implants <b>(DST/SJF/ET/2019/87)</b>
88	<b>Dr. Subir Datta</b> Mizoram University, Aizawl Mizoram (796004)	Development a New Control Scheme for Nine Switch Converter based Grid Connected DFIG-WT (Doubly Fed Induction Generator-Wind Turbine) System. <b>(DST/SJF/ET/2019/88)</b>
89	<b>Dr. Manish K Rathod</b> Sardar Vallabhbhai National Institute of Technology, Surat Ichchhanath Circle, Athwa, Surat, Gujarat (395007)	Thermal Management System using Heat Pipe assisted Phase Change Material for Electrical Vehicle Li-ion Battery <b>DST/SJF/ET/2019/89</b>
90	<b>Prof. Amarity Mukhopadhyay</b> Indian Institute of Technology Bombay IIT Bombay, Powai, Maharashtra (400076)	Rendering the usage of high voltage and high capacity cathode materials for Li-ion batteries feasible via innovative surface engineering <b>(DST/SJF/ET/2019/90)</b>
91	<b>Dr. Dhawan Singh</b> Eternal University Baru Sahib Via Rajgarh Tehsil Pachhad District Rajgarh Himachal Pradesh (173101)	Synthesis of Reconfigurable Ultrathin Metamaterial Absorber for the Radar Cross Section Reduction <b>(DST/SJF/ET/2019/91)</b>
92	<b>Ms. Sridevi</b> Adhiparasakthi Engineering College Melmaruvathur Kanchipuram Tamilnadu (603319) <b>(NOT ELIGIBLE)</b>	Performance of Secure communication for Wireless Networks <b>(DST/SJF/ET/2019/92)</b>
93	<b>Dr. Anamika Yadav</b> National Institute of Technology, Raipur GE Road Raipur Chhattisgarh (492010)	Design and development of a fault diagnostic system for an entire HVDC system using Deep Learning Approach <b>(DST/SJF/ET/2019/93)</b>
94	<b>Dr. Ram Bilas Pachori</b> Indian Institute of Technology Indore Khandwa Road, Simrol Indore Madhya Pradesh (453552)	Generalized Automated Identification System for Neurological Diseases using EEG Signals <b>(DST/SJF/ET/2019/94)</b>
95	<b>Dr. R Raja Singh</b> VIT Vellore Vellore Tamilnadu (632014)	Design and Development of Novel Cost Effective Energy Optimal Switching Mechanism for DFAG based Generation System with Power Quality Analysis <b>(DST/SJF/ET/2019/95)</b>
96	<b>Dr. Mallikarjunachari G</b> Madanapalle Institute of Technology and Science MITS, Kadiri Road, A, Chittoor District, Madanapalle Andhra Pradesh (517325)	Design of a Mechanical Device for Diagnosis and Removal of Plaque from Human Heart Arterial Layer System <b>(DST/SJF/ET/2019/96)</b>

97	<b>Dr. M Thottappan</b> Department of Metallurgical Engineering Indian Institute of Technology (BHU) Varanasi Uttar Pradesh (221005)	Electromagnetic Analysis, Design and Simulation of THz Gyrotron as a Continuous Wave Source for DNP/NMR Spectrometer Application <b>(DST/SJF/ET/2019/97)</b>
98	<b>Prof. C S Shankar Ram</b> Indian Institute of Technology Madras Chennai Tamilnadu (600036)	Active Safety Algorithms for Electrified Heavy Road Vehicles in Mixed traffic Environments <b>(DST/SJF/ET/2019/98)</b>
99	<b>Dr. Divya</b> Manonmaniam Sundaranar University Abhishekapatti Tirunelveli Tamilnadu (627012)	Fabrication of Stacked Slot Antenna using FR4 Nylon Substrate Integrated with Meta-materials for Broadband Applications <b>(DST/SJF/ET/2019/99)</b>
100	<b>Dr. Deendayal</b> National Institute of Technology, Tiruchirappalli Thuvakudy, National Highway 67, Tanjore Main Road Tiruchirappalli Tamilnadu (620015)	Investigations on modern and sustainable Ground Modification Techniques for construction of Oil storage tanks and Road/Rail Embankments on soft clay soils in Tamilnadu <b>(DST/SJF/ET/2019/100)</b>
101	<b>Prof. S Bose</b> Indian Institute of Science Centre of Earth Science Karnataka	Bio-inspired, energy efficient and a sustainable strategy for treating landfill leachate using porous 2D and 3D hierarchical carbon structures <b>(DST/SJF/ET/2019/101)</b>
102	<b>Prof. Abhijit Chatterjee</b> Indian Institute of Technology Bombay IIT Bombay, Powai Maharashtra (400076)	Advanced Rare Event Simulator for Investigating Dynamics of Complex Functional Materials At Molecular Scale Resolution <b>(DST/SJF/ET/2019/102)</b>
103	<b>Dr. Raghvendra Kumar Chaudhary</b> Indian Institute of Technology (ISM) Dhanbad Sardar Patel Nager Dhanbad Jharkhand (826004)	Millimeter-Wave MIMO Cognitive Radio Antennas based on Substrate Integrated Waveguide for Future 5G Applications <b>(DST/SJF/ET/2019/103)</b>
104	<b>Dr. Sathiesh Kumar V.</b> ANNA University, Madras Institute of Technology Campus MIT Campus, Radha nagar, Chromepet Chennai Tamilnadu (600044)	Design and development of portable soil nutrient analyzer using laser induced breakdown spectroscopy technique <b>(DST/SJF/ET/2019/104)</b>
105	<b>Dr. R. Tamilselvi</b> Sethu Institute of Technology Pulloor, Virudhunagar Tamilnadu (626115)	Facial Down Syndrome Detection in the wild <b>(DST/SJF/ET/2019/105)</b>
106	<b>Dr. Munish Kumar</b> Maharaja Ranjit Singh Punjab Technical University Badal Road, Bathinda Punjab (150501)	Development of System for Crime Investigation and Forensics Linguistics in the Evidence Based on Handwritten Text <b>(DST/SJF/ET/2019/106)</b>

107	<b>Dr. G Ananthi</b> Thiagarajar College of Engineering Thiruparamkundam, Madurai Tamilnadu (625015)	Design and analysis of prognosis of eye diseases using Deep learning (DST/SJF/ET/2019/107)
108	<b>Dr. Rahul</b> Tata Institute of Fundamental Research (TIFR) 1, Homi Bhabha Road, Colaba, Mumbai Maharashtra (400005)	Bridging The Information Exchange Divide Over the Internet (DST/SJF/ET/2019/108)
109	<b>Dr. Anitha A</b> Francis Xavier Engineering College 103 G2 Bye pass road, Vannarpettai, Tirunelveli Vannarapettai Tamilnadu (627003)	Cultivation Plan Recommendation and Disease Identification system for Banana crop Farmers using data mining Techniques (DST/SJF/ET/2019/109)
110	<b>Dr. Taimoor Khan</b> National Institute of Technology Silchar, Silchar, Assam, India Dr. Taimoor Khan NIT Silchar, Assam, Assam (788010)	Impact and Prevention of Microwave Radiation Hazards in Daily Life-An Awareness Campaign (DST/SJF/ET/2019/110)
111	<b>Dr. Spandan Guha</b> Kalinga Institute of Industrial Technology (deemed to be university) (KIIT), PATIA, Bhubaneswar, Odisha Orissa (751024)	Development of an experimental facility to investigate different properties of TiAlSiN thin film coating and its influence in the field of high speed machining (DST/SJF/ET/2019/111)
112	<b>Dr. Mahesh Kumar</b> Indian Institute of Technology Jodhpur Old Residency Road, Ratanada Jodhpur Rajasthan (342011)	Development of AlGaIn/GaN HEMT based heavy metal ion sensors for water quality monitoring (DST/SJF/ET/2019/112)
113	<b>Dr. Ashoke De</b> Indian Institute of Technology Kanpur IIT Kanpur Nagar Uttar Pradesh (208016)	Aero-Elastic behavior in realistic flexible flapping wings: a key to the design of bio-mimicking Micro Air Vehicles (MAVs) (DST/SJF/ET/2019/113)
114	<b>Dr. Rupesh Nasre</b> IIT Madras Indian Institute of Technology Madras IIT P.O Chennai Tamilnadu (600036)	Framework for Fast Parallel Dynamic Graph Algorithms (DST/SJF/ET/2019/114)
115	<b>Dr. Jyothi Thati</b> University College of Technology, Osmania, Osmania University, Hyderabad, Telangana (500007)	Reactive spherical crystallization (DST/SJF/ET/2019/115)
116	<b>Dr. Arumuga Maria Devi T</b> Manonmaniam Sundaranar University Abhishekapatti Tirunelveli Tamilnadu (627012)	Development of Computer Based Speech Therapy Software in Tamil: For people having Speech Disorders and Language Disorders (DST/SJF/ET/2019/116)
117	<b>Dr. Gurunath Gurrala</b> Indian Institute of Science, Bangalore CV Raman Rd, Devasandra Layout, Bengaluru Karnataka (560012)	Blackout look-ahead Simulation tool and Defence system (blast-ds) (DST/SJF/ET/2019/117)

118	<b>Dr. Animesh Mukherjee</b> IIT Kharagpur, West Midnapur, Kharagpur West Bengal (721301)	Processing the entities of social media for post-disaster situation analysis (DST/SJF/ET/2019/118)
119	<b>Dr. V Prabhu</b> Veltech Multitech Engineering College Avadi Chennai 62 Chennai Tamilnadu (600062)	Development of IoT Based Smart Glove Communication System for Deaf and Blind People (DST/SJF/ET/2019/119)
120	<b>Dr. SK Moinul Haque</b> Aliah University IIA/27, New Town, Action Area IIA, Kolkata West Bengal (700160)	Design and analysis of dielectric coated conducting conformal conical antenna in the presence of circular loop. (DST/SJF/ET/2019/120)
121	<b>Prof. Vinod Ganapathy</b> Indian Institute of Science Bangalore C. V. Raman Road Bangalore Karnataka (560012)	A Security and Privacy Architecture for Drones in Restricted Spaces (DST/SJF/ET/2019/121)
122	<b>Dr. Sandip Kumar Saha</b> Indian Institute of Technology Bombay, Mumbai IIT Bombay, Powai Mumbai Maharashtra (400076)	Investigation of Dynamic Process of Non-equilibrium Spontaneous Condensation in a Rapidly Expanding Transonic Superheated Wetted Fluids (DST/SJF/ET/2019/122)
123	<b>Dr. Vishal</b> National Institute of Hydrology Roorkee Roorkee Uttarakhand (247667)	A quasi-distributed modeling approach for the quantification of water availability in snow-glacier induced entire Himalayan river basins under climate change scenarios (DST/SJF/ET/2019/123)
124	<b>Dr. Arup Kumar Das</b> IIT Roorkee, Roorkee Uttarakhand(247667)	Development of Microfluidic Bottle Cap for Wastewater Treatment and Recovery Systems for Water Reuse in Flooded Area DST/SJF/ET/2019/124
125	<b>Dr. Murugapandiyam P</b> Anil Neerukonda Institute of Technology and Sciences (anits) Sangivalasa, Bheemunipatnam (Mandal), Visakhapatnam (Dist) Bheemunipatnam Andhra Pradesh (531162)	Design of GaN based High Electron Mobility transistors for next generation high power millimeter wave applications (DST/SJF/ET/2019/125)
126	<b>Mr. Tondamanadu Munireddy</b> Vemu Institute of Technology P. Kothakota Post, Near Pakala, Chittoor Andhra Pradesh (517112)	Design and Development of Next Generation Class Room System for Students to Improve Student's Performance in Academics (DST/SJF/ET/2019/126)

127	<b>Dr. V V Ravi Kumar</b> Nadimpalli Satyanarayana Raju Institute of Technology Sontyam, Pendurti –Anandapuram Highway, Visakhapatnam Sontyam Andhra Pradesh (531173)	Nickelbase alloy with metal Matrix composite Zirconium boride with Inorganic coatings for High Temperature Environments (DST/SJF/ET/2019/127)
128	<b>Dr. Karthikeyan A</b> Veltech Multitech Engineering College Avadi Chennai 62 Chennai Tamilnadu (600062)	Improvement of an algorithm for the upgrade of a skin break out sore discovery utilizing Multispectral Images (DST/SJF/ET/2019/128)
129	<b>Prof. Rupinder Singh</b> Guru Nanak Dev Engineering College Gill Park, Gill Road, Ludhiana Punjab (141006)	Recycling of waste thermosetting polymers as reinforcement in thermoplastic matrix by using hybrid fused filament melt processing (DST/SJF/ET/2019/129)
130	<b>Dr. S Saravanan</b> VEL Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College #42 Avadi-Vel Tech Road, Avadi, Chennai Tamilnadu (600062)	Improving Smart works for disability people using Tongue has driven framework of Effective sensors (DST/SJF/ET/2019/130)
131	<b>Dr. A Rengarajan</b> VEL Tech Multitech Dr. Rangarajan Dr. Sakunthala Engineering College No 42, Avadi to Alamathy Road Avadi Chennai Tamilnadu (600062)	Efficient Implementation of Forecasting Stock Market Using Fuzzy Clustering and Artificial Neural Networks (DST/SJF/ET/2019/131)