

**List of Sponsored Research Projects with scheduled completion date on or after 1-12-2021 [as on 28-11-2019]
(Excluding FIST Projects, Fellowships)**

Project No.	Title	Sponsoring Agency	Sanctioned Funds (Rs. Lacs)	Start Date	Scheduled Completion Date	PI's Emp. Code	PI	PI's Department
RP03431G	Computational Modeling of Ballistic Impact of Bullet Proof Panels for Body Armour (JATC Sub Project # 6 under MI01618)	DRDO, Ministry of Defence India	401.01	01-10-2017	30-09-2022	15580	PUNEET MAHAJAN	Dept. of Applied Mechanics
RP03744G	Design, Fabrication and Testing of a High Efficiency Vertical Axis Wind Turbine (VAWT) and optimization of VAWT Farm. (UAY Phase - II Main project of MHRD)	Ministry of Human Resource & Development India	182.70	18-05-2019	17-05-2022	15581	S V Veeravalli	Dept. of Applied Mechanics
MI01948N	Design, Fabrication and Testing of a High Efficiency Vertical Axis Wind Turbine (VAWT) and optimization of VAWT Farm (Sub Proj. No. 02 under Main Project #RP03744 of UAY Phase - II)	Industrial Boilers Ltd. India	95.50	18-05-2019	17-05-2022	15581	S V Veeravalli	Dept. of Applied Mechanics
MI01946G	Design, Fabrication and Testing of a High Efficiency Vertical Axis Wind Turbine (VAWT) and optimization of VAWT Farm (Sub Project No. 01 under RP03744 of UAY Phase - II)	Ministry of New & Renewable Energy India	87.20	18-05-2019	17-05-2022	15581	S V Veeravalli	Dept. of Applied Mechanics
MI01885G	Towards the Development of an India Centric Climate Model: Convection, Clouds and Gravity Wave Drag Parameterisations (Sub project no 01 under RP03350)	Department of Science & Technology India	75.00	19-04-2017	18-04-2022	16257	Prof. Anupam Dewan	Dept. of Applied Mechanics

RP03433G	Mechanical Behaviour of Light Weight Materials Under Different Rates of Dynamics Loading (JATC sub project no. 8 under MI01618)	DRDO, Ministry of Defence India	369.26	01-10-2017	30-09-2022	16357	VIKRANT TIWARI	Dept. of Applied Mechanics
RP03814G	Novel laccases for degradation of complex dyes for textile waste water treatment	Department of Biotechnology, Ministry of Sc.& Tech India	68.86	01-10-2019	30-09-2022	15031	Saroj Mishra	Dept. of Biochemical Engineering & Biotechnology
RP03828G	PAVITRA GANGA - Unlocking wastewater treatment, water re-use and resource recovery opportunities for urban and peri-urban areas in India	Department of Biotechnology India	217.73	21-10-2019	20-10-2022	15701	T R Sreekrishnan	Dept. of Biochemical Engineering & Biotechnology
RP03790G	p53 in regulation of Epithelial-Mesenchymal Transition in breast cancer: role of micro-RNA	International Division, Dept. of Science & Techn. India	96.30	21-08-2019	20-08-2022	16282	Ritu Kulshrestha	Dept. of Biochemical Engineering & Biotechnology
RP03711G	Development of metagenomics assisted surveillance tools for tracking antibiotic resistance in river bodies (Nanolog)	Department of Biotechnology, Ministry of Sc.& Tech India	79.31	16-03-2019	15-03-2022	16460	Shaikh Ziauddin Ahammad	Dept. of Biochemical Engineering & Biotechnology
RP03821G	Vertically oriented graphene nanosheets on graphite for high specific capacity ultracapacitor electrode	Department of Science & Technology (DST) India	50.08	24-09-2019	23-09-2022	16097	Anupam Shukla	Dept. of Chemical Engineering
RP03799N	Heat Transfer Analysis of Methane Steam Reforming Reactions Through Particle-Resolved CFD Simulations (HeTrAPaR-cfd)	haldor Topsoe A/S, Haldor Topsoes Alle 1, DK-2800 Denmark	55.25	13-09-2019	12-09-2022	16116	Vivek Vitthal Buwa	Dept. of Chemical Engineering

RP03726G	Point-of-Care (POC) devices for bedside diagnosis of bacteremia and neonatal sepsis (IMPRINT - 2 SCHEME)	Science and Engineering Research Board (SERB), DST India	99.66	11-03-2019	10-03-2022	16332	Shalini Gupta	Dept. of Chemical Engineering
RP03819G	Design, Development and Demonstration of 1kW (1kWh) Vanadium Redox Flow Battery for Stationary Application	Department of Science & Technology (DST) India	144.71	11-10-2019	10-10-2022	16560	Anil Verma	Dept. of Chemical Engineering
RP03781G	Development and Deployment of Redox-flow Battery Energy Storage for Rural Electrification (SPARC CELL IIT Kharagpur-Project # 15)	Ministry of Human Resource & Development India	76.35	23-07-2019	22-07-2022	16560	Anil Verma	Dept. of Chemical Engineering
RP03776G	DST - IITD Energy Storage Platform on Batteries (ESPOB) (Multi Institutional Project)	Ministry of Science & Technology, DST India	1087.07	01-07-2019	30-06-2024	16560	Anil Verma	Dept. of Chemical Engineering
RP03815G	Earth Abundant Metal Based Electrode Materials for Energy storage applications.	Department of Science & Technolofy India	64.73	08-10-2019	07-10-2022	15715	Ashok Kumar Ganguli	Dept. of Chemistry
RP03660G	Design of Two-Dimensional Transition Metal Dichalcogenides (2D-TMDs) and their Applications in Photoelectrocatalysis	Department of Science & Technolofy India	62.73	02-02-2019	01-02-2022	15715	Ashok Kumar Ganguli	Dept. of Chemistry
RP03653G	Compounds with (X)Sn=O-LA moieties: Are they isolable? (X = iPr, halogen, OtBu, NMe ₂ , OH; LA = Lewis Acid)	Science and Engineering Research Board (SERB), DST India	62.53	15-01-2019	14-01-2022	16212	S Nagendran	Dept. of Chemistry

RP03447G	Development of Explosive Resistant Structures (JATC Sub Project # 18 under MI01618)	DRDO, Ministry of Defence India	533.02	25-09-2017	24-09-2022	16247	Vasant A Matsagar	Dept. of Civil Engineering
RP03472G	Integrated low cost water sensors for real- time river water monitoring and decision- making	Indo-US Science and Technology Forum (IUSSTF) United States	900.00	07-12-2017	06-12-2022	16307	Arun Kumar	Dept. of Civil Engineering
RP03429G	Design of Blast Resistant Structures (JATC Sub Project # 4 under MI01618)	DRDO, Ministry of Defence India	881.74	25-09-2017	24-09-2022	16335	TANUSREE CHAKRABORTY	Dept. of Civil Engineering
RP03321G	Security in the Internet of Things Space (Centre of Excellence in Cyber Systems and Information Assurance)	Department of Science & Technology (DST) Japan	144.83	01-03-2017	28-02-2022	15683	Sanjiva Prasad	Dept. of Computer Science & Engg.
RP03746G	Virtual Immersion in Under-water Sites	Department of Science & Technology (DST) India	138.60	21-05-2019	20-05-2022	16161	Subodh Kumar	Dept. of Computer Science & Engg.
RP03764G	Scalable Spatio-Temporal Measurement and Analysis of Air Pollution Data for Delhi-NCR using Vehicle-Mounted Sensors (IMPRINT II)	Science and Engineering Research Board (SERB), DST India	127.47	01-07-2019	30-06-2022	16756	Rijurekha Sen	Dept. of Computer Science & Engg.
RP03684G	Generating and Rendering Virtual Models of Indian Natural and Cultural Heritage Sites from Head Mounted and Drone Mounted Cameras	Department of Science & Technology (DST) India	72.55	23-03-2019	22-03-2022	16838	Chetan Arora	Dept. of Computer Science & Engg.

RP03678G	MAVI: Mobility Assistant for Visually Impaired	Department of Science & Technology India	100.78	14-03-2019	13-03-2022	16838	Chetan Arora	Dept. of Computer Science & Engg.
RP03580N	Tactile Diagrams for Visually Impaired	Indian National Academy of Engineering India	95.00	01-08-2018	31-07-2023	15772	P V Madhusudhan Rao	Dept. of Design
MI01715F	Integrated low cost water sensors for real- time river water monitoring and decision- making (Vertical 3) (subproject under RP03472)	Indo-US Science and Technology Forum (IUSSTF) United States	86.78	07-12-2017	06-12-2022	15672	Subrat Kar	Dept. of Electrical Engineering
RP03734G	Mission Innovation Challenge #7 : Affordable Heating and Cooling of Buildings Innovation challenges- Setting up of MI Resource Center at IIT Delhi.	Department of Science & Technology (DST) India	75.47	05-05-2019	04-05-2022	15995	Sukumar Mishra	Dept. of Electrical Engineering
RP03724G	Improvement of Power Sharing and Stability in Inverter based Microgrids	Science and Engineering Research Board (SERB), DST India	58.89	28-03-2019	27-03-2022	15995	Sukumar Mishra	Dept. of Electrical Engineering
MI01890G	Climate Model Improvement and Climate Projections using Soft Computing, Machine Learning, and Mathematical Optimisation Techniques (Sub Project No. 02 Under RP03350)	Department of Science & Technology India	75.00	19-04-2017	18-04-2022	16066	Prof. Bijaya Ketan Panigrahi	Dept. of Electrical Engineering

RP03443G	UI-ASSIST: US India Collaborative for Smart Distribution System with Storage	Indo-US Science and Technology Forum (IUSSTF) United States of America	753.42	29-09-2017	28-09-2022	16218	ABHIJIT RAMCHANDRA ABHYANKAR	Dept. of Electrical Engineering
RP03437G	Development of Textile Based Interconnects and Antennas (Annex. 1 SL. No. 03 sub proj. no. 11 under JATC MI01618)	DRDO, Ministry of Defence India	497.22	05-10-2017	04-10-2022	16378	ANUJ DHAWAN	Dept. of Electrical Engineering
RP03436G	Fabrication and Integration of Chemical, GAS and Physiological Monitoring Sensors on Textiles Substrates (Anex. 1, Sl. no. 04 sub	DRDO, Ministry of Defence India	903.21	05-10-2017	04-10-2022	16378	ANUJ DHAWAN	Dept. of Electrical Engineering
RP03754G	Flexible inorganic devices for backplane and sensor node electronics	Science and Engineering Research Board (SERB), DST India	52.86	06-06-2019	05-06-2022	16466	Madhusudan Singh	Dept. of Electrical Engineering
RP03796G	Large-Signal RF Reliability Modeling and Characterization of Hot-Carrier Degradation in 10-nm FinFETs	Science and Engineering Research Board (SERB), DST India	64.50	29-08-2019	28-08-2022	16482	Abhisek Dixit	Dept. of Electrical Engineering
RP03826G	Physical Unclonable Function (PUF) for Electronic and Communication Security	Department of Science & Technolofy India	88.42	31-10-2019	30-10-2022	16543	Manan Suri	Dept. of Electrical Engineering

RP03757G	Development of Advanced Neuromorphic- and Memory-Centric Computing Hardware	Science and Engineering Research Board (SERB), DST India	66.11	29-05-2019	28-05-2022	16543	Manan Suri	Dept. of Electrical Engineering
RP03730G	Physical Unclonable Function (PUF) based Application Specific IC (ASIC) by Technology-Circuit-System Co-Development for Strategic Applications	Office of the Principal Scientific Adviser, Gol India	132.30	30-04-2019	29-04-2022	16543	Manan Suri	Dept. of Electrical Engineering
RP03722G	Training for All (T4A) An Integrated Training Program to Train Mainstream and Special Education Needs Students in Employability Skills	Ministry of Skill Development and Entrepreneurship India	57.04	05-02-2019	04-02-2022	16431	Shuchi Sinha	Dept. of Management Studies
RP03428G	Human Body FE Model Development for Blast and Impact (JATC Sub Project # 3 under MIO1618)	DRDO, Ministry of Defence India	767.43	11-09-2017	10-09-2022	15511	ANOOP CHAWLA	Dept. of Mechanical Engineering
RP03673G	Development of Refreshable Braille Cells (IMPRINT-2)	Science and Engineering Research Board (SERB), DST India	126.56	14-03-2019	13-03-2022	15772	P V Madhusudhan Rao	Dept. of Mechanical Engineering
RP03727G	Special Equipment Facility at JATC Ballistic Lab for supporting Niti Aayog Personal Body Armour, Make in India (JATC-2)	DEPARTMENT OF DEFENCE RESEARCH & DEVELOPMENT, MINISTRY OF DEFENCE India	724.00	31-03-2019	30-03-2024	15847	Naresh Bhatnagar	Dept. of Mechanical Engineering

RP03426G	Design and Development of Light Weight Bullet Proof Jacket (BPJ) for Protection against High Threat Level of NIJ Level 3+ and NIJ Level IV (JATC Sub projects No 1 under MI01618)	DRDO, Ministry of Defence India	1324.70	15-09-2017	14-09-2022	15847	NARESH BHATNAGAR	Dept. of Mechanical Engineering
RP03657G	Development of a submicrometer resolution electrohydrodynamic jet printer for printing customized polymeric structures (IMPRINT-2)	Science and Engineering Research Board (SERB), DST India	75.37	15-01-2019	14-01-2022	16473	Supreet Singh Bahga	Dept. of Mechanical Engineering
RP03439G	Design of Anti-Mine Boots (AMBs) using Finite Element Simulations with Human Body Model (HBM) (JATC Sup Project # 13 under MI01618)	DRDO, Ministry of Defence India	745.29	06-10-2017	05-10-2022	16508	DEVENDRA KUMAR DUBEY	Dept. of Mechanical Engineering
RP03430G	Human Body Tissue Characterization under Blast, Impact and Penetration (JATC Sub Project #5 under MI01618)	DRDO, Ministry of Defence India	1224.62	11-09-2017	10-09-2022	16530	NARESH VARMA DATLA	Dept. of Mechanical Engineering
RP03632G	CRYOPSY: Biopsy tool with in-vivo snap-freezing and cooling of surrounding tissue to reduce bleeding and escalate patient recovery and comfort	Department of Biotechnology, Ministry of Sc.& Tech India	56.47	01-12-2018	30-11-2022	16683	Debabrata Dasgupta	Dept. of Mechanical Engineering
RP03789G	MITIGATION OF AIR POLLUTION: MICRO-TO-MACRO SCALE STUDY OF PARTICLE CAPTURE BY LIQUID DROPLETS	Department of Science & Technology (DST) India	62.08	19-08-2019	18-08-2022	16699	Dr (Ms) Bahni Ray	Dept. of Mechanical Engineering

RP03732G	Plasmon enhanced resonant Raman spectroscopy and Fluorescence quenching based selective detection of trace explosives (JATC-2)	DEPARTMENT OF DEFENCE RESEARCH & DEVELOPMENT, MINISTRY OF DEFENCE India	350.92	31-03-2019	30-03-2023	15291	R K Soni	Dept. of Physics
RP03773G	Study of nanoscale electrical properties of 2D/2D and 2D/3D interfaces for solar energy, photoconductivity and Thermometric applications	Department of Science & Technolofy India	431.58	15-07-2019	14-07-2022	15292	Bodh Raj	Dept. of Physics
RP03713G	To synthesize size selected metal nano particles for plasmonic applications by gas phase and chemical methods (JATC-2 PROJECT # 7)	DEPARTMENT OF DEFENCE RESEARCH & DEVELOPMENT, MINISTRY OF DEFENCE India	99.18	29-03-2019	28-03-2022	15292	Bodh Raj	Dept. of Physics
RP03775F	Collaborative Research and Education under IIT Delhi-BNRC, Toyo University Joint Bio-Nano Mission Program (Phase - II).	Bio-Nano Electronics Research Centre, Toyo Univeri Japan	62.96	01-04-2019	31-03-2024	15742	Joby Joseph	Dept. of Physics
RP03707G	DESIGN AND DEVELOPMENT OF MINI, LABORATORY TABLE TOP, AND FULL SCALE MODELS OF HIGH SPEED SHADOGRAPH SYSTEMS FOR ANALYSIS OF DETONATIONS, EXPLOSIONS AND GUN SHOTS BY UTILIZING DIGITAL IMAGE CORRELATION (JATC-2 Project # 6)	DRDO, Ministry of Defence India	705.00	29-03-2019	28-03-2024	15742	Joby Joseph	Dept. of Physics
RP03703G	Line velocity interferometer system for shock wave 2D velocity profile measurement. (JATC-2 Project # 04)	Ministry of Defence India	597.05	29-03-2019	28-03-2024	15950	Dalip Singh Mehta	Dept. of Physics

RP03737G	Laser beam shaping for beam combining and high power laser applications (JATC-2)	DEPARTMENT OF DEFENCE RESEARCH & DEVELOPMENT, MINISTRY OF DEFENCE India	129.11	28-03-2019	27-03-2025	15969	P Senthilkumaran	Dept. of Physics
RP03739G	Liquid crystal based scanning interferometers for pressure measurements (JATC-2)	DEPARTMENT OF DEFENCE RESEARCH & DEVELOPMENT, MINISTRY OF DEFENCE India	143.19	28-03-2019	27-03-2024	16038	Aloka Sinha	Dept. of Physics
RP03432G	Nano Springs Layered Energy Dissipating and Energy Dispersing Non-ballistics Materials (JATC Sub Project #7 under MIO1618)	DRDO, Ministry of Defence India	285.16	03-10-2017	02-10-2022	16057	JITENDRA PRATAP SINGH	Dept. of Physics
RP03530G	Nanoelectronics Network for Research and Application (NNetRA) (Applications of Non-Silicon Based Nanofabrication Technologies and Nanoscale Devices)	Ministry of Electronics and Information Technology India	1568.68	14-04-2018	13-04-2022	16088	Neeraj Khare	Dept. of Physics
RP03706G	Robust laser beam engineering for propagation and imaging through turbulence (JATC-2 Project # 5)	Ministry of Defence India	83.22	29-03-2019	28-03-2022	16385	Kedar Bhalchandra Khare	Dept. of Physics
RP03446G	Development of Time Resolved THz Imaging and Spectroscopy System for Studying High Energy Density Materials and Condensed Explosives under Functionalized Condition (JATC Sub Project # 17 under MIO1618)	DRDO, Ministry of Defence India	852.02	01-11-2017	31-10-2022	16429	AMARTYA SENGUPTA	Dept. of Physics

RP03717G	Integrated sources of entangled photons for quantum communication and quantum information applications (QUEST PROJECT)	Department of Science & Technology India	420.02	30-03-2019	29-03-2022	16457	Joyee Ghosh	Dept. of Physics
RP03700G	Quantum Technologies using Hybrid Photons for Secure Communication & Quantum Information (JATC-2 PROJECT # 02)	Ministry of Defence India	593.00	29-03-2019	28-03-2024	16457	Joyee Ghosh	Dept. of Physics
RP03752G	Investigation of low-frequency dynamics of magnetic skyrmions using highly sensitive III-V semiconductor heterostructures based micro-Hall devices	Science & Engineering Research Board, DST India	61.00	23-05-2019	22-05-2022	16487	Pintu Das	Dept. of Physics
RP03442G	Spintronic based Tunable and Powerful Broadband THz Emitters (JATC Sub Project # 16 under MIO1618)	DRDO, Ministry of Defence India	627.70	04-10-2017	03-10-2022	16610	SUNIL KUMAR	Dept. of Physics
RP03708G	Entanglement enhanced qubit generation for quantum informatics (QUEST PROJECT)	Department of Science & Technology India	243.02	30-03-2019	29-03-2022	16632	Bhaskar Kanseri	Dept. of Physics
RP03699G	Development of entanglement based architecture for quantum information technology (JATC-2, PROJECT # 01)	Ministry of Defence India	518.80	29-03-2019	28-03-2024	16632	Bhaskar Kanseri	Dept. of Physics

RP03617G	Design and development of Robot for sliver can transfer from one machine to designated machine	Department of Heavy Industry India	371.75	18-12-2018	17-12-2021	15333	S M Ishtiaque	Dept. of Textile & Fibre Engineering
MI01851N	Design and development of automatic can transport system RoboCan for staple yarn spinning mill - Industry Part (Subproject under RP03617)	Lakshmi Machine Works Limited India	92.58	18-12-2018	17-12-2021	15333	S M Ishtiaque	Dept. of Textile & Fibre Engineering
RP03715G	Development of Strong, Flexible & Light weight Fiber Reinforced Silica Aerogel Blankets & Shields as Fire retardant, thermal &	Science and Engineering Research Board (SERB), DST India	81.04	21-02-2019	20-02-2022	15633	B K Behera	Dept. of Textile & Fibre Engineering
RP03361G	A Technology Platform for Application of Advanced Textile Structures for the Development of Structural Composites including Green and Waste Composites (Focus Incubation Centre in Technical Textiles in IIT Delhi)	Ministry of Textile, Textile Commissioner of India India	983.00	01-05-2017	30-04-2022	15633	B.K.BEHERA	Dept. of Textile & Fibre Engineering
RP03466G	Design & Development of Extreme Cold Climate Clothing for Defence Personnel JATC Sub Project # 23 under MI01618)	DRDO, Directorate of Extramural R&I Property Right India	602.50	01-12-2017	30-11-2022	15787	R S Rengasamy	Dept. of Textile & Fibre Engineering
RP03465G	Development of Multilayered Coated and Laminated Fabric for Aerostat Hull Material (JATC Sub Project # 22 under MI01618)	DRDO, Directorate of Extramural R&I Property Right India	796.28	01-12-2017	30-11-2022	15873	Mangala Joshi	Dept. of Textile & Fibre Engineering

RP03456G	Design and Development of Extreme Heat Protective Clothing for Defence Applications (JATC Sub Project # 21 under MI01618)	DRDO, Ministry of Defence India	76.64	01-12-2017	30-11-2022	15966	APURBA DAS	Dept. of Textile & Fibre Engineering
RP03449G	Design and Development of Laminated Fabric for High Altitude Airship (JATC Sub Project # 19 under MI01618)	DRDO, Ministry of Defence India	637.70	01-11-2017	31-10-2022	16180	BHUPENDRA SINGH BUTOLA	Dept. of Textile & Fibre Engineering
RP03427G	Development of Soft Body Armour using Shear Thickening Fluides (JATC Sub Project # 2 under MI01618)	DRDO, Ministry of Defence India	535.93	01-10-2017	30-09-2022	16201	ABHIJIT MAJUMDAR	Dept. of Textile & Fibre Engineering
RP03714G	Direct 3D Bioprinting strategies to study articular cartilage development, degeneration and regeneration	Department of Biotechnology, Ministry of Sc.& Tech India	144.07	09-04-2019	08-04-2023	16211	Sourabh Ghosh	Dept. of Textile & Fibre Engineering
RP03771G	A sustainable technology development for multifunctional value addition to khadi fabric (an Indian textile heritage) using plant extract	Department of Science & Technology (DST) India	54.36	01-04-2019	31-03-2022	16573	Md S Wazed Ali	Dept. of Textile & Fibre Engineering
RP03373G	State-of-the-Art Facilities under Underwater Signal Processing at CARE, IIT Delhi	Directorate of Naval Training, Ministry of Defence, India	121.80	01-07-2017	30-06-2022	15820	ARUN KUMAR	Centre for Applied Research in Electronics (CARE)
RP03455G	Millimeter Wave & RF MEMS Components and System for Imaging and Surveillance(JATC Sub Project # 20 under MI01618)	DRDO, Ministry of Defence India	683.23	08-11-2017	07-11-2022	15854	ANANJAN BASU	Centre for Applied Research in Electronics (CARE)

RP03680G	Sub-5V Metal Based MEMS Switches for Radar Beam Steering Antenna under Harsh Environments (IMPRINT - 2)	Science and Engineering Research Board (SERB), DST India	124.31	08-03-2019	07-03-2022	16672	Pushpapraj Singh	Centre for Applied Research in Electronics (CARE)
RP03676G	Satellite-based monitoring of ambient PM2.5 at national scale for air quality management	Central Pollution Control Board India	54.32	01-03-2019	28-02-2022	16308	Sagnik Dey	Centre for Atmospheric Sciences
RP03350G	DST's Centre of Excellence in Climate Modeling (under Climate Change Programme - (SPLICE)	Department of Science & Technology (DST) India	718.87	19-04-2017	18-04-2022	16403	SAROJ KANTA MISHRA	Centre for Atmospheric Sciences
RP03759G	High-resolution climate scenarios for basin-scale water resource management applications	National Mission for Clean Ganga, New Delhi India	131.00	21-06-2019	20-06-2022	16491	Somnath Baidya Roy	Centre for Atmospheric Sciences
MI01719G	Integrated low cost water sensors for real- time river water monitoring and decision- making (Sub project under RP03472)	Indo-US Science and Technology Forum (IUSSTF) India	169.40	07-12-2017	06-12-2022	16478	Sandeep Kumar Jha	Centre for Biomedical Engineering
RP03635G	National Centre for Technology in Family Welfare	Indian Council of Medical Research India	106.27	15-11-2018	14-11-2023	16485	Dinesh Kalyanasundaram	Centre for Biomedical Engineering
RP03672G	Fluorescent Nanoprobes for squamous cell carcinoma: A step towards developing a rapid tool for margin clearance	Department of Biotechnology, Ministry of Sc.& Tech India	77.17	08-03-2019	07-03-2022	16529	Neetu Singh	Centre for Biomedical Engineering

RP03701G	Brain Computer Interface for Facilitated Neuroplasticity: Upper Limb Rehabilitation with EMG Triggered Exoskeletal Robotic Device Synchronized with Brain Stimulation (JATC-2, Project #3).	Ministry of Defence India	81.12	29-03-2019	28-03-2022	16562	Amit Mehndiratta	Centre for Biomedical Engineering
RP03810G	MUCI pulsed DC derived exosomes for Cancer immunotherapy [Naturally derived nanoparticles for cancer immunotherapy]	Department of Biotechnology, Ministry of Sc.& Tech India	57.10	24-09-2019	23-09-2022	16698	Jayanta Bhattacharyya	Centre for Biomedical Engineering
RP03753G	Development of a methanol-gasoline fuelled spark ignition engine	Science and Engineering Research Board (SERB), DST India	71.27	22-05-2019	21-05-2022	16145	K A Subramanian	Centre for Energy Studies (CES)
MI01711F	Energy harvesting system for Integrated low cost water sensors for real time river water monitoring and decision making (Sub Project # 1 under RP03472)	Indo-US Science and Technology Forum (IUSSTF) United States	135.00	07-12-2017	06-12-2022	16301	Vamsi Krishna Komarala	Centre for Energy Studies (CES)
RP03762G	Development of tools and techniques for Future Unbalanced Distribution System Operation: with Integration of RES, EVs, BESS and Demand Side Management (DUDS)	Science and Engineering Research Board (SERB), DST India	50.74	01-07-2019	30-06-2022	16415	Ashu Verma	Centre for Energy Studies (CES)
RP03743F	Design and Demonstration of Sustainable Building Infrastructure (Sub Project under COESI Main Project # MI01819)	Yardi Systems, USA United States	670.97	01-06-2019	31-05-2022	16415	Ashu Verma	Centre for Energy Studies (CES)

RP03787G	Development of freeform and large size aspheric optics for thermal and optical imaging (under JATC Scheme)	DRDO, Ministry of Defence India	418.49	13-08-2019	12-08-2024	16349	Gufran Sayeed Khan	Instrument Design & Development Centre
RP03795G	Livelihood generation through technology intervention for sustainable harnessing of neem fruit and hemp	Department of Science & Technolofy India	76.47	28-08-2019	27-08-2022	16706	Vivek Kumar	Centre for Rural Development Technology (CRDT)
RP03818G	Porting of Sanjeevini (a complete Drug Design software suite) on High Performance Computing based NSM Platform and creation of Computational Protein Data Bank (Co-PDB) for Drug targets.	Centre for Development of Advance Computing India	183.90	09-09-2019	08-09-2022	16028	Aditya Mittal	School of Biological Sciences
RP03723G	Structure-function studies on a membrane protein from Chikungunya Virus (CHIKV)	Department of Biotechnology, Ministry of Sc.& Tech India	106.60	13-03-2019	12-03-2022	16293	Manidipa Banerjee	School of Biological Sciences
RP03571G	Collaborative Neuro-Engineering Platform for Excellence in Innovation and Translational Research	Department of Biotechnology, Ministry of Sc.& Tech India	174.67	01-03-2018	28-02-2023	15589	Subhashis Banerjee	School of Information Technology
RP03835F	Enhancing India's Policy Analysis Capabilities to Meet Energy and Environment Challenges	Childrens Investment Fund Foundation -UK United States	532.50	01-08-2019	31-07-2022	16216	Ambuj D Sagar	School of Public Policy
RP03719G	Enhancing India's Science, Technology and innovation Policy Analysis Capabilities	Tata Education and Development Trust India	5000.00	31-03-2019	30-03-2024	16216	Ambuj D Sagar	School of Public Policy