

**OFFICE OF THE DEAN (R & C)**  
**MNNIT ALLAHABAD, PRAYAGRAJ-211004**

SI	Title of the Projects	Name of the Funding Agency	Name of Principal Investigator	Department	Sanction No.	Sanction Date	Sanctioned Amount in Rs.
<b>List of Sanctioned Project in Financial Year 2024-25</b>							
1	Magnetic Pharmacodynamics of Nano-Drug Delivery in Pulmonary and Arterial System	DBT, New Delhi	Dr. B. Vasu, Mathematics-PI Dr. Shabih Ul Hasan, Chemical Eng.	Mathematics	BT/PR40552/BID/7/984/2020	02.05.2024	3,699,233
2	Breast Cancer Identification and Classification through Machine Learning and Metaheuristic Algorithm (P ID 4457)	UPCST, Lucknow	Dr. Shubham Gupta, Mathematics	Mathematics	CST/		1,218,000
3	Conference support money for "National Instructional Workshop on Cryptology Lattice-based Cryptography (NIWC 2024)	DAE, Mumbai	Dr. Sahadeo Padhye, Mathematics	Mathematics	02010/14/2024/R&D-II/17741	14.08.2024	144,375
4	Multiphysics modelling of lightning strike, prediction of damage and subsequent performance analysis of composite panels	AR&DB, DRDO, New Delhi	Dr. Ashutosh Kumar Upadhya, AMD	AMD	ARDB/SP/4388/2171	17.03.2025	5,974,393
5	RES-VSSC-2022-014: Determination of poroelastic parameter (Biot's constant) of an ablative decomposing compsites (anisotropic) material under high temperature for aerospace launch vehicle application	ISRO, Bengaluru	Dr. Ashutosh Mishra, AMD	AMD	ISRO/RES/3/918/24-25	11.06.2024	2,671,840
6	Computational modelling for design of insensitive munitions and storage configuration to mitigate sympathetic detonation in munitions	Ministry of Defence, DRDO, Pune	Dr. A. K. Upadhyay, AMD Dr. A.K. Tiwari, AMD, Dr. Ashutosh Mishra, AMD	AMD	HEMRL/RSQR/ CARS/EDS /2024/I	09.07.2024	3,964,800
7	Numerical investigation of shock-wave/boundary-layer interaction at supersonic Mach numbers to characterize sparation bubbles for improving the performance of propulsion systems	SERB, New Delhi	Dr. Abhishek Kundu, AMD	AMD	CRG/2023/000943	06.05.2024	3,653,659
8	Information Security Education & Awareness (ISEA-Phase III)	DeitY, New Delhi	Dr. R. S. Yadav, CSED	CSED	L-14017/1/2022-HRD	19.06.2024	20,160,000
9	Portable 3D S-Ray Imaging Diagnostic Tool for early disease detection of TB and Chronic Obstructive Pulmonary Diseases Copd	CSIR, New Delhi	Dr. Rajitha B, CSED	CSED	22WS(0031)/2023-24/EMR-III/ASPIRE	18.06.2024	2,282,000
10	Lightweight Plant Request System for the Creation of Optimum Germination Schedule	कार्यालय प्रभागीय निदेशक सामाजिक वानिकी प्रभाग	Dr. Divya Kumar	CSED			50,000
11	Prototyping of Smart Antenna with Efficient Spectrum Management Features using Machine Learning Techniques for 6G Communications System	Telecom Centre of Excellence India (TCOE India)	Dr. Anand Sharma, ECED	ECED	TCOE/TTDF/2024/50	18.09.2024	3,071,816
12	A Simulation and Experimental Study on Screening the Best Materials Combination for Specific Target Detetion in Plasmonic Sensor Using Machine Learning Techniques (PID-4141)	UPCST, Lucknow	Prof. Y. K. Prajapati, ECED	ECED	CST/D-835	12.08.2024	1,436,000

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13	Design of Smart MIMO Antenna with Efficient Spectrum Utilization Feature using ML Algorithms for 5G and Beyond Communication System (Project ID - 3656)	UPCST, Lucknow	Dr. Anand Sharma, ECED	ECED	CST/E&T/D-662	01.08.2024	1,808,000
14	Asia-Pacific Microwave Conference (APMC 2024)	ANRF/SERB, New Delhi	Dr. Arun Kumar Saurabh (Young Scientist), ECED	ECED	ITS/2024/004754	13.01.2025	109,133
15	Design and Development of High-Gain, Wideband Beam-Steerable Reflectarray Antennas for 5G mm-Wave and 6G sub-THz Applications	SERB, New Delhi	Dr. Arun Kumar Saurabh, Assistant Professor ECED	ECED	ANRF/IRG/2024/000618/ENS	23.03.2025	5,844,480
16	ITS on "IEE International symposium on Antennas and Propagation and ITNC-USNC-URSI Radio Science Meeting Italy	SERB, New Delhi	Mr. Piyush Mishra, (Young Scientist) ECED	ECED	ITS/2024/001839	19.11.2024	88,350
17	International Conference on "Advancements in Diagnostic Technology: Global Healthcare Monitoring (ADT-2024"	UPCST, Lucknow	Dr. Manisha Sachan, Biotechnology	BTD	CST/Coference/D-569	24.07.2024	100,000
18	Selenium and fatty acid enriched microalgae production from wastewater as a sustainable feed for aquaculture"	DST, New Delhi	Dr. Joyabrata Mal, Biotechnology	BTD	SP/Y.O/2021/2268 (C )	11.07.2024	3,369,064
19	Integrated machine learning and genomics based approach to develop novel diagnostic markers for colorectal cancer (PID 3841)	UPCST, Lucknow	Dr. Ashutosh Mani, Biotechnology	BTD	CST/D-911	14.08.2024	1,536,000
20	Sustainable & Smart Charging Infrastructure for Electric Ferries in Inland Waterways (PID - 4313)	UPCST, Lucknow	Prof. Asheesh Kumar Singh, EED	EED	CST/E&T/D-661	01.08.2024	2,008,000
21	Design and Analysis of Simultaneously Gtransmitting and Reflecting RIS for Underwater Optical Wireless Communication System	IIT Guwahati TIDF	Dr. Shubh Lakshmi, Co-PI EED Dr. Debajit Sarma, IIT Guwahati Co-PI	EED	TIH/TD/0413	26.12.2023	1,500,000
22	Biopolymer and natural fibre based green composites to redress food packaging materials for sustainable development	DST New Delhi	Er. Nandini Vishwakarma Dr. Sushil Kumar, Chemical	ChED	DST/WISE-PhD/ET/2024/19 (G)	11.09.2024	2,695,680
23	Dyedauxiliary group strategy based visible light mediated photocatalystfree synthetic applications of arylazo sulfones	DST, New Delhi	Dr. Ruchi Chawla	ChED	DST/WISE-PDF/CS-65/2023 (G)	09.09.2024	3,746,160

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24	Co-gasification of biomass and petroleum coke for production of hydrogen-rich syngas: Kinetics and thermodynamic analysis"	Indian Institute of Chemical Engineers (IICHe), Kolkata	Dr. Suantak Kamsolian, Chemical Eng Dr. A. N. Sawarkar, Chem.	ChED	AG/R&D/NOV 2023/450-451	17.11.2023	100,000
25	Techno-Economic, Environmental and Social Impacts of Utilizing Biodegradable Waste: A Study on north, North-East and South India	ICSSR, New Delhi (under the special call for Vision Viksit Bharat@2047 (VVB@2047)	Dr. Bireswar Paul, MNNIT Prof. Debasis Neogi, NIT Agartala Dr. Biswanat Bhunia NIT Agartala Dr. K Jagannaayaki, IARE Hyderabad Dr. Thavva Vara Lakshmi, IARE Hyderabad,	MED	193/VVB@2047/2024-689/Tech & Inn.-A/SCD	20.09.2024	1,800,000
26	EGU General Assembly 2024, Austria	ANRF/SERB, New Delhi	Ms. Shivika Saxena	GIS Cell	ITS/2024/000388	28.05.24	96,376
27	Airborne LiDAR data quality assessment (LITD 0057)	Bureau of Indian Standards, MoCAFP	Dr. Manohar Yadav, GIS	GIS Cell	SCMD/R&D Projects	21.02.2025	989,956
28	River Health Monitoring	IIT Kanpur supported by NMCG, Department of Water Resources	Dr. Kanika Saxena, CED	CED		08.11.2024	1,000,000
<b>Total</b>							<b>75,117,315</b>

**List of Sanctioned Project in Financial Year 2023-24**

1	Design of Novel heterogeneous catalysts for CO2 capture from flue gas baed on density fundctonal theory computations	SERB, New Delhi	Dr. Manju Verma, Chemicals Engineering	ChED	EEQ/2023/000011	20.12.2023	4,191,264
2	Design and development of a continuous compact integrated hydroponics-biosorption system: A sustainable approach for cultivation of vegetables/herb plants and domestic waste water treatment simultaneously (Project ID - 3086)	UPCST, Lucknow	Dr. Sushil Kumar	ChED	CST/D-1412	20.10.2023	650,000
3	Novel Ionic Liquid based Nano-photocatalytic Conversion of WCO into Biodiesel and Triacetin under Synergic Effects of Cavitation & Microwave: A Holistic Technique for Improved Economics with Reduced Damage to Environment and Safety	SERB, New Delhi	Dr. Dipesh Shikchand Patle, Chemical Eng.	ChED	CRG/2022/000825	28.04.2023	4,715,138

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4	Delineating the role of Epigenetic modifications over Socs3 Promoter region in nanosized Titanium dioxide sensitized airways of murine model	DST, New Delhi	Dr. Vani Mishra, WOS-A Under Prof. Shivesh Sharma, Biotechnology	BTD	DST/WOS-A/LS-305/2021 (G)	10.11.2023	3,133,014
5	International Travel Scheme for Attending "Goldschmidt 2023 France"	SERB, New Delhi	Dr. Joyabrata Mal	BTD	ITS/2023/002268	27.09.2023	91,402
6	Assessment of patient derived Exosomal Contents and Computational Analysis: Implication in Early Diagnosis, Risk Assessment for Pancreaticobiliary Cancer in India	DBT, New Delhi	Dr. Girjesh Kumar Patel, Biotechnology	BTD	BT/RLF/Re-entry/54/2020	22.03.2023	5,360,000
7	Bio-Technological Intervention for Health, Agriculture and Circular Economy	SERB, New Delhi	Dr. Sangeeta Negi, DBT	BTD	SSY/2023/001467	05.02.2024	250,000
8	Plant growth-promoting bacteria as bioinoculants for combating drought stress in long bean ( <i>Vigna unguiculata</i> ssp. <i>sesquipedalis</i> )	SERB, New Delhi	Dr. Ashutosh Mani, Biotechnology	BTD	CRD/2022/000585	23.02.2024	4,015,904
9	Investigating the role of RSPO2 mediated tumor suppressive or oncogenic activity in metastatic CRC cells: A therapeutic approach	SERB, New Delhi	Dr. Sameer Srivastava	BTD	CRG/2023/006956	05.03.2024	4,466,264
10	Investigating the role of nitric oxide and indole acetic acid - releasing chitosan nanoparticles induced alleviation mechanisms of chromium and metsulfuron methyl toxicity in rice and tomato	CSIR, New Delhi	Prof. Shivesh Sharma, Biotechnology	BTD	38(1528)/23/EMR-II	05.07.2023	2,542,560
11	Metabolic Engineering of Lactic Acid Bacteria for the high yield of Lactic Acid	DST, New Delhi	Ms. Bhavana, Tondan, Mentor Dr. Rupika Sinha, DBT	BTD	DST/WOS-A/LS-322/2021 (G)	28.07.2023	2,288,736
12	(KARYASHALA) on Emerging technologies in point-of-care diagnostics for disease monitoring	SERB, New Delhi	Dr. Seema Nara, Dr. Manisha Sachan, DBT	BTD	AV/KAR/2022/0804	02.06.2023	500,000
13	Prototype design and performance analysis of an energy efficient domestic biogas cook-stove burner	SERB, New Delhi	Dr. Bireswar Paul, MED	MED	CRG/2023/002506	18.03.2024	4,284,479
14	Experimental Investigations on Nucleate pool boiling with enhanced surface geometries using EDM process	SERB, New Delhi	Dr. Ashwini Kumar Yadav, Mechanical Engineering	MED	CRG/2022/001001	22.05.2023	1,721,500
15	Assessing the Reach and Socio-economic Impact of Skill India Mission (PM Kaushal Vikas Yojana): A Rigorous Evaluation and Model Development for Enhancing the Scheme's Impact in Uttar Pradesh	ICSSR, New Delhi	Dr. G. P. Sahu, SMS	SMS	254/CRP-2023/1059/SIP(PMKVY)/SCD	25.09.2023	1,500,000
16	An Assessment of the Atal Pension Yojana (APY) Awareness and Penetration in Prayagraj Division of Uttar Pradesh	ICSSR, New Delhi	Prof. Tanuj Nandan, Co-Ordinator Dr. Ravindra Tripathi & Other	SMS	212/CRP-2023-724/APY/SCD	25.09.2023	806,250
17	Analysing the Behavioural Intention of Instructors to Adopt Blockchain in Grading and Certification	SPARC	Prof. Ganesh P Sahu, SMS	SMS	SPARC/2019-2020/P2364/SL	28.07.2023	4,999,766

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18	Developing a framework and designing assessment metrics for cyclic social innovation for circular economy in India	SPARC	Dr. Tripti Singh, SMS dr. Yatish Joshi, SMS	SMS	SPARC/2019-2020/P2311/SL	28.07.2023	4,559,690
19	Assessing the role of Social Innovation in Promoting Circular Economy Practices in India	ICSSR, New Delhi	Dr. Richa Singh Dubey, Senior Fellowship Under, Prof. Tripti Singh SMS	SMS	2-10/2023-24/SF/GEN	11.01.2024	580,000
20	Green Energy Management & Audit System Usin IoT: A Study Based in Uttar Pradesh (Project ID - 3109)	UPCST, Lucknow	Dr. Yatish Joshi (resigned), Dr. Tanuj Nandan, Current PI	SMS	CST/D-1508	26.10.2023	1,386,000
21	Secure message dissemination in cognitive vehicular cloud network for improved road safety (Project ID: 2434)	UPCST, Lucknow	Dr. Arun Prakash PI, SMS	SMS	CST/D-1399	20.10.2023	1,150,000
22	Explorative Study of Expenditure based Model of Income Tax to curb under-reporting of income: Strategies for efficient and effective Direct Tax collection system	ICSSR, New Delhi	Dr. Ravindra Tripathi, HSS	HSS	02/4/2022- 23/ICSSR/RP/MJ/GEN	03.05.2023	1,500,000
23	ML Enabled RISC-V based i - LoRa SOC for Forest event monitoring, Under Chips to startup (C2S) Programme	MeiTy, New Delhi	Prof. R. K. Nagaria, ECED Co- Dr. Santosh Kumar Gupta	ECED	EE-9/2/2021-R&D-E	19.05.2023	9,600,000
24	Spectrally Efficient Antenna Design for 5G and 6G using Reconfigurable Intelligent Surface (Project ID - 3054)	UPCST, Lucknow	Dr. Vinay Kumar, ECED	ECED	CST/D-1268	19.10.2023	1,383,000
25	Prototype development of a photovoltaic solar cell with a High Conversion Efficiency: An Application of Two-Dimensional Materials	CSIR, New Delhi	Dr. Yogendra Kumar Prajapati, ECED	ECED	22/0882/23/EMR-II	13.07.2023	3,384,160
26	Design and development of ML based adaptive optimal control algorithms for efficient regulation of the Wheeled Robots for Disaster Response.	SERB, New Delhi	Dr. Sumit Kumar Jha, ECED	ECED	CRG/2023/004912	18.01.2024	2,408,991
27	Karyashala on Workshop on high-end Optoelectronics Devices: Fabrication, Characterization, and Functionalization	SERB, New Delhi	Dr. Deepak Punetha, ECED	ECED	AV/KAR/2023/0596	20.02.2024	500,000
28	Experimental and numerical study on the interaction of a shock tube generated blast wave with structures for blast attenuation and mitigation	ARDB, New Delhi	Dr. Abhishek Kundu, AMD	AMD	ARDB/01/1032072/M/I	24.04.2023	2,052,120
29	Making Indian Commercial road Vehicles Environment Friendly and Fuel Efficient through Aerodynamics Research	SPARC	Dr. Akshoy Ranjan Paul, AMD	AMD	SPARC/2019-2020/P2070/SL	28.07.2023	4,757,663
30	Development of novel shape memory polymers for shape fixity, recovery and functional properties (Project ID- 2277)	UPCST, Lucknow	Dr. Abhishek Kumar, AMD	AMD	CST/D-1273	19.10.2023	972,000
31	Design and Development of Biomechanical Therapeutics to Mitigate Osteoporosis in Postmenopausal Women with Diabetes Mellitu	Ministry of Education, New Delhi	Dr. Abhishek Kumar Tiwari, AMD	AMD	MoE-STARS/STARS-2/2023-0527	26.09.2023	3,400,000

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32	Project on Training programs in structural Bioinformatics and Drug Designing	DBT, New Delhi	Prof. R. P. Tiwari AMD, Prof. A. K. Ojha, Physics Dr. Ashutosh Mani, BTD Prof. Ramesh Pandey AMD	AMD	BT/PR40335/BID/7/969/2020	20.09.2023	1,621,000
33	Synergistic Supply Chain Assessment of Critical Minerals involving Australia and India	CSIRO (Commonwealth Scientific and Industrial Research Organization-	Dr. Akshoy Ranjan Paul, AMD	AMD	2024010135	14.02.2024	2,728,114
34	Multi-sensor-multi-platform LiDAR systems integrated with a camera and artificial intelligence for sustainable forest management and urban tree inventories (Project ID- 2568)	UPCST, Lucknow	Dr. Manohar Yadav, GIS	GIS Cell	CST/D-1509	26.10.2023	1,386,000
35	Advance Course: InSAR for Disaster Preparedness and Precursors	Indian Institute of Remots Sensing, Dehradun	Dr. Ramji Dwivedi	GIS Cell	IIRS/DO/DMSP-ASCB/Cap Build/2023	27.01.2022	912,500
36	Awareness Workshop: Advances in Geospatial Techniques for disaster Mitigation	Indian Institute of Remots Sensing, Dehradun	Dr. Ramji Dwivedi	GIS Cell	IIRS/DO/DMSP-ASCB/Cap Build/2023	13.01.2022	247,000
37	Roll of small solid particles to control the damage due to storage explosion	UPCST, Lucknow	Dr. Gorakh Nath	Mathematics	CST/D-1522	26.10.2023	1,136,000
38	Artificial Intelligence - Based Real-time Posture Correction System for Desk Workers in Medical Settings using Wearable Devices and Computer Vission (Project ID - 2566)	UPCST, Lucknow	Dr. Rupesh Kumar Dewang, CSED Dr. Ranvijay, CSED	CSED	CST/D-2102	11.12.2023	800,000
39	Karyashala on A parctical approach to Machine Learning and Deep Learning for Computer Vision applications using high-end computing resources	SERB, New Delhi	Dr. Dushyant Kumar, CSED	CSED	AV/KAR/2023/0629	12.02.2024	500,000
40	A Regularization factor based Novel Framework for Anomaly Detection using Artificial Intelligence	IIT Bhilai, Innovation and Technology Foundation, Durg, Chhattishgarh	Dr. D. K. Yadav, CSED Dr. Mainekar Yadav, REC Sonbhadra	CSED	IBITF/Technology Development/2024-25/Fund disbursment/Proposal 1/0112	20.03.2024	5,017,000

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1	Development of Aerobic Granular Sludge based biological treatement system for treataing	BRNS, DAE, Mumbai	Dr. Joyabrata Mal, DBT	BTD	56/14/02/2022-BRNS/10224	03.06.2022	2,808,100
2	Influence of microbial diversity on heavy metal removal and bio-electricity generation in a constructed wetlands integrated microbial fuel cell system: A sustainable approach for treatment of heavy metal contaminated industrial waste water	SERB, New Delhi	Dr. Radharani, DBT	BTD	SPG/2021/004678	25.08.2022	5,449,400
3	Development of a multiplex QPCR assay based on miRNAs expression in liquid biopsy for early diagnosis of epithelial ovarian carcinoma	UPCST Lucknow	Dr. Manisha Sachan, DBT	BTD	CST/Biotech/RS-1941 D-1230	30.08.2022	600,000
4	Study on therapeutic and preventive efficacies of linoleic acid in hamster model of visceral leishmaniasis	ICMR, New Delhi	Dr. Ambak Kumar Rai, DBT	BTD	6/9-7 (265)/KA/2021/ECD-II	22.11.2022	1,197,379
5	International Conference on "1st International Conference on Advances in Biopolymers and Compositers: Health, Environment and Energy (ABC-HEE, 2022)	SERB, New Delhi	Dr. Sangeeta Negi, DBT	BTD	SSY/2022/000505	31.10.2022	200,000
6	Development of a multiplex QPCR assay based on miRNAs expression in liquid biopsy for early diagnosis of epithelial ovarian carcinoma	UPCST Lucknow	Dr. Manisha Sachan, DBT	BTD	CST/D-2478	31.01.2023	600,000
7	Computational screening to identify plant derived DPP IV inhibitors as therapeutics of diabetes type 2	SERB, New Delhi	Dr. Ashutosh Mani, DBT	BTD	CRG/2022/002804	19.12.2022	5,373,764
8	Investigating Aetiology of Early Age Onset Colorectal Cancers (EOCRC) using MultiOmics technology: A case Control Study	ICMR, New Delhi	Dr. Sameer Srivastava, DBT	BTD	5/13/32/2022/NCD-III	13.03.2023	2,924,129
9	Effect of polyherbal formulations on energy and stamina	Emami Limited	Dr. Vishnu Agarwal, DBT	BTD	NIL	06.02.2023	456,000
10	Regional Centre for Geodesy (for four Institute)	DST/NRDMS	Dr. Ramji Dwivedi	GIS Cell	NRDMS/02/79/019	31.03.2022	14,090,720
11	Monitoring & Investigation on lightning phenomena and its associated processes using lightning detection systems (LDS) at Collaborating Institutes	NRSC	Dr. Ramji Dwivedi	GIS Cell	Through MOU		500,000
12	Fund for Science and Engineering Research	DST New Delhi	Head, EED	EED	SR/FST/ET-I/2021/794	02.03.2022	14,100,000
13	Development of Electric Vehicle Charging Infrastructure for Building Micro-Grids Containing Renewables for Smart City Applications (P.I.D.-1395)	UPCST Lucknow	Dr. Prashant Kumar Tiwari, EED	EED	CST/D-1186	29.08.2022	1,092,000
14	Solar PV Supported Reconfigurable EV charger with Reduced Switching Devices	Meity, New Delhi Under NaMPET-III	Dr. Rajesh Gupta	EED	25(6)/2020-ESDA	10.06.2022	3,070,976
15	Novel Processes of Synthesis of Physically Modified Starches for Application in Food Products and Agrowaste Composite Packaging Films	UPCST Lucknow	Dr. Harinder Singh	ChED	CST/AAS/2022/D-1211	29.08.2022	1,044,000

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16	Structural Health Monitoring of Buildings Using Electro-Mechanical Impedance Techniques (P.I.D.-1813)	UPCST Lucknow	Dr. Rama Shanker, CED	CED	CST/D-1192	29.08.2022	912,000
17	Investigation of two-fluid flows (micropolar-Newtonian) through a complex porous medium and their applications in engineering sciences (Project ID : 1103)	UPCST Lucknow	Dr. Pramod Kumar Yadav, Mathematics	Mathematics	CST/D-1306	01.09.2022	1,004,000
18	Inspire Fellowship Scheme	DST, New Delhi	Ms. Harshita	Mathematics	DST Inspire Fellowship/REL1/202	27.01.2023	458,960
19	Thermal Performance evaluation of Earth-Air tunnel assisted Greenhouse in tropical conditions like Uttar Pradesh (P.I.D-1929)	UPCST Lucknow	Dr. Ashwini Kumar Yadav, MED	MED	CST/D-1182	29.08.2022	800,000
20	Polymeric Nanocomposite (PNC) for bonding dissimilar material surfaces	DRDO, Kanpur	Dr. Sunil Kumar Gupta, MED	MED	TR/0569/CARS/138	02.11.2022	990,000
21	Investigating healthcare data management using blickchain technology and Internet of Things	SERB, New Delhi	Dr. Sathish Kumar, CSED	CSED	EEQ/2022/000287-C & G	18.01.2023	2,349,855
22	Artifical Intelligence Based Identification and Segregation of Plastic Waste from Garbage for Enhanced Recycling (I.D.-1761)	UPCST Lucknow	Dr. Divya Kumar, CSED	CSED	CST/D-1220	30.08.2022	1,044,000
23	Internet of Things (IoT) and Machine Learning (ML) based Smart UAV-Assisted Emergency System for Disaster Managemement (PID - 1190)	UPCST Lucknow	Dr. J. Sathish Kumar, CSED	CSED	CST/D-1219	30.08.2022	580,000
24	Design of wideband wearable Antennas for medical Internet of Things (MIoT) and 5G Used in Remote Healthcare Applications (PID-1387)	UPCST Lucknow	Dr. Vijay Shankar Tripathi, ECED	ECED	CST/D-1185	29.08.2022	1,192,000
25	Design of wideband wearable Antennas for medical Internet of Things (MIoT) and 5G Used in Remote Healthcare Applications (PID-1387)	UPCST Lucknow	Dr. Vijay Shankar Tripathi, ECED	ECED	CST/D-1185	29.08.2022	1,192,000
26	International Conference on "IEEE-International Conference on Microwave, Antenna and Communication (MAC 2023)"	SERB, New Delhi	Prof. Vijay Shanker Tripathis, ECED	ECED	SSY/2022/001092	10.02.2023	150,000
27	Development and hardware implementation of deep learning based pre-processing techniques for thermal image application	DRDO, Kanpur	Dr. Basant Kumar, ECED	ECED	DIR/ECS/IRDE/PROC(PCR)/21-2	31.03.2022	1,500,000
28	Design and development of a non-invasive, smart, and portable device for real-time assessment of bone fracture healing progression	SERB, New Delhi	Dr. Abhishek Kumar Tiwari, AMD	AMD	CRG/2022/003723	02.03.2023	4,785,264
29	Modeling of Shock Induced Sympathetic Detonation in Explosiva Wa.....	DRDO, CARS	Dr. A. K. Upadhyay	AMD	HEMRL/MMD/3044/EDS/2022-23	20.09.2022	993,560
30	Design and Development of a proof-of-Concept Model of a Self-Deployable Ultra-light Weight Adaptive Inflatable Structures	SERB, New Delhi	Dr. Satish Kumar, AMD	AMD	CRG/2022/000671	14.02.2023	2,706,261
Total							74,164,368

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[illegible]

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