

Department of Applied Geology

SL. No.	Project No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Rupees)	Start Date of Project (in mm-dd-yyyy)	End Date of Project (in mm-dd-yyyy)	Name of PI
1	DST(FIST)(309)/2021-2022/853/AGL	To Strengthen The Research Facilities In The Department of Applied Geology	Department of Science & Technology (Fund For Improvement of S&T Infrastructure)	6,750,000.00	9/24/2021	9/23/2026	Prof. S. Sarangi
2	DST(SERB)(312)/2021-2022/860/AGL	A Study On The Formation And Tectono-Metamorphic Evolution of Neoproterozoic Granites And Alkaline Igneous Complexes In The Salem Block, Southern India: Implications For Lower Crustal Processes And The Geodynamics of The Southern Granulite Terrane	Department of Science & Technology (Science & Engineering Research Board)	2,887,000.00	12/27/2021	12/26/2023	Prof. Joseph Rohan Dsouza
3	DST(SERB)(325)/2021-2022/881/AGL	Trace Element Systematics And Sulfur Isotope Signature of Auriferous Sulfides Within The Vempalle Dolostone: Implications For Refractory Gold Mineralization In And Around Tummalapalle Area of South-Western Cuddapah Basin, Andhra Pradesh	Department of Science & Technology (Science & Engineering Research Board)	7,320,240.00	11-03-2022-	10/3/2025	Prof. Sahendra Singh

Department of Applied Geophysics

SL. No.	Project No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Rupees)	Start Date of Project (in mm-dd-yyyy)	End Date of Project (in mm-dd-yyyy)	Name of PI
4	DST(NGP)(293)/2021-2022/818/AGP	Risk Assessment By Cable-Powered Unmanned Aerial Vehicle In Covid Prone High-Density Areas	Department of Science & Technology (National Geospatial Programme)	2,662,461.00	9/16/2021	3/15/2022	Prof. Swarandeeep Sahoo
5	SJVN/2021-2022/833/AGP	Kinematic And Slope Stability Analysis For A Hydro-Project	Satluj Jal Vidyut Nigam Limited	4484000	10/15/2021	10/14/2022	Prof. Shalivahan
6	DST(TDT)(SHRI)(327)/2021-2022/888/AGP	Integrated Non-Invasive Geophysical, Archeological And Biogeochemical Characterization of Itkhourri Heritage Sites In The Mohane River Valley	Department of Science & Technology {Technology Development & Transfer (Science & Heritage Research Initiative)}	12,592,682.00	3/31/2022	3/30/2025	Prof. Sanjit Kr. Pal

Department of Chemical Engineering

SL. No.	Project No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Rupees)	Start Date of Project (in mm-dd-yyyy)	End Date of Project (in mm-dd-yyyy)	Name of PI
1	DST(SERB)(314)/2021-2022/862/CHEMICAL(N-PDF)	Novel Formulations And Green Additives As A Replacement For Carcinogenic Methyl Tertiary-Butyl Ether(Mtbe) And Aromatics In Gasolinenovel Formulations And Green Additives As A Replacement For Carcinogenic Methyl Tertiary-Butyl Ether(Mtbe) And Aromatics In Gasoline	Department of Science & Technology (Science & Engineering Research Board)	2,131,200.00	7/2/2022	6/2/2024	Mentor: Prof. Ejaz Ahmad

Department of Chemistry & Chemical Biology

SL. No.	Project No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Rupees)	Start Date of Project (in mm-dd-yyyy)	End Date of Project (in mm-dd-yyyy)	Name of PI
1	CSIR(36)/2021-2022/819/CHEMISTRY	Development of Molecular Catalysts For Co2 Reduction, Water Oxidation And Reduction	Council of Scientific And Industrial Research	1,380,000.00	8/23/2021	8/22/2024	Prof. Sumanta Kr. Padhi
2	TATA STEEL/2021-2022/825/CHEMISTRY	Development of Coal Specific Collector For Low-Rank Coal Flotation	Tata Steel Limited	1416000	6/10/2021	5/10/2022	Prof. Soumitra Maity
3	DAE(BRNS)(8)/2021-2022/827/CHEMISTRY	Application of Two-Chamber Reactors For Safe Carbonylation Reactions: Affordable Synthesis of Stable Isotope Labelled Drug Standards	[Department of Atomic Energy (Board of Research In Nuclear Sciences)]	3265100	1/11/2021	10/31/2024	Prof. Parthasarathi Das
4	DST(SERB)(295)/2021-2022/834/CHEMISTRY	Alkylthiocyanates As New Bifunctional Reagents In Photo-Redox Reactions: Ambident Reactivity Enabling Photo-Cascade Synthesis of Diverse S- And N-Heterocycles From Olefins	Department of Science & Technology (Science & Engineering Research Board)	3557400	1/12/2021	11/30/2024	Prof. Soumitra Maity
5	TATA STEEL/2021-2022/856/CHEMISTRY	Bulk Production of Supramolecular Gelator For Demulsification of Crm Scum	Tata Steel Limited, Jamshedpur	1,298,000.00	1/17/2022	1/16/2023	Prof. Swapan Dey
6	DST(STUTI)(316)/2021-2022/865/CHEMISTRY	Stuti IIT(ISM) Dhanbad - 2021	Department of Science & Technology (Synergistic Training Program Utilizing The Scientific And Technological Infrastructure)	22,447,000.00	2/11/2022	2/10/2023	Prof. Sagar Pal
7	IIT(ISM)/2021-2022/883/INSTITUTE	An Effort To Synthesize Artificial Leather From Jackfruit (Artocarpus Heterophyllus)	IIT (ISM) Dhanbad	900,000.00	1/4/2022	3/31/2023	Prof. Soumit Chatterjee

8	DST(SERB)(326)/2021-2022/884/CHEMISTRY	Chemical Depolymerization of Polyethylene Terephthalate (Pet) By Graphene Oxide (Go) Supported Transition Metal Complexes	[Department of Science & Technology (Science & Engineering Research Board)]	1,560,847.00	3/3/2022	2/3/2025	Prof. Chanchal Halder
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Department of Civil Engineering

SL. No.	Project No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Rupees)	Start Date of Project (in mm-dd-yyyy)	End Date of Project (in mm-dd-yyyy)	Name of PI
1	SECCPL/2021-2022/813/CE	Variability of Material Proportioning Towards Sustainable Construction"	South East Constructions Company Private Limited	354,000.00	1/9/2021	8/31/2022	Prof. S.S. Mohapatra
2	AEDS/2021-2022/814/CE	Characterisation of Presstec Grout Material And Stainless Steel Tube	Advanced Engineering Diagnostics Solutions	200,000.00	3/9/2021	2/9/2022	Prof. S.K. Panda
3	MITES/2021-2022/832/CE	Performance Assessment of Structure Design For The Construction of One Slab And The Connected Piers of The Rob On Gomoh-Barkakana Railway Line At Btps Bokaro, Jharkhand	Rail India Technical And Economic Service Limited	300000	11/30/2021	11/29/2022	Prof. S.S. Mohapatra
4	DST(SERB)(297)/2021-2022/836/CE	Assessing Tsunami Vulnerability of Low-Rise Structures By Sph Modelling"	Department of Science & Technology (Science & Engineering Research Board)	2974400	12/15/2021	12/14/2024	Prof. Sukanta Chakraborty
5	UCEPL/2021-2022/840/CE	Characterization And Technical Appraisal of Construction Material For Coal Mine Infrastructure Project	Universal Contractors & Engineers (P) Limited	354000	12/29/2021	6/28/2022	Prof. S.K Panda
6	DST(304)/2021-2022/847/CE	Green Soil - The Sustainable Option For Infrastructure Growth	Department of Science & Technology (International Bilateral Cooperation Division)	422,000.00	1/1/2022	3/31/2022	Prof. S.K. Das
7	BPCL/2021-2022/868/CE	Design Rationalisation of Bridge Support For Railway Siding	Bharat Petroleum Corporation Limited	590,000.00	2/14/2022	10/13/2022	Prof. S.K. Das

Department of Computer Science & Engineering

SL. No.	Project No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Rupees)	Start Date of Project (in mm-dd-yyyy)	End Date of Project (in mm-dd-yyyy)	Name of PI
23	C3iHUB/2021-2022/820/CSE	Cloud Based Smart Video Surveillance System With Application Layer Cyber Physical Systems Security	C3Ihub, IIT Kanpur	3,128,000.00	9/20/2021	9/19/2024	Prof. Arup Kr. Pal

Department of Electronics Engineering

SL. No.	Project No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Rupees)	Start Date of Project (in mm-dd-yyyy)	End Date of Project (in mm-dd-yyyy)	Name of PI
24	DST(SERB)(315)/2021-2022/863/ECE	Design And Development of Artificial Intelligence Based Fiber Optic Respiration Rate Measurement System For Psychophysiological Health Monitoring	Department of Science & Technology (Science & Engineering Research Board)	2,100,822.00	1/24/2022	1/23/2025	Prof. Amitesh Kumar
25	DST(SERB)(318)/2021-2022/870/ECE	Design And Development of Compact And Low-Profile Multiband Conformal Antenna System For In-Vehicle Telecommunications Equipments Supporting Cellular/Communication Bands	Department of Science & Technology (Science & Engineering Research Board)	3,392,400.00	2/22/2022	2/21/2025	Prof. R.K. Gangwar
26	DST(SERB)(320)/2021-2022/872/ECE	Analytical Modelling of Multi-Layered 2-D Transition Metal Dichalcogenide Fet Based Biosensor Using Green'S Function Approach	Department of Science & Technology (Science & Engineering Research Board)	660,000.00	2/23/2022	2/22/2025	Prof. Manodipan Sahoo
27	DST(SERB)(324)/2021-2022/879/ECE	Development of Millimeter-Wave Mimo Cognitive Radio Systems Using Metasurface And Substrate Integrated Waveguide For Future Wireless Communication	Department of Science & Technology (Science & Engineering Research Board)	4,688,836.00	8/3/2022	7/3/2025	Prof. Raghvendra Kr. Chaudhary
28	DBT/2021-2022/886/ECE	Design And Development of Non-Invasive Optical Respiration Rate Measurement System For Psychophysiological Health Monitoring In Mri Environm	Department of Biotechnology	1,833,040.00	2/16/2022	2/15/2024	Prof. Amitesh Kumar

Department of ElectricalEngineering

SL. No.	Project No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Rupees)	Start Date of Project (in mm-dd-yyyy)	End Date of Project (in mm-dd-yyyy)	Name of PI
29	IIT(ISM)/2021-2022/808/INSTITUTE	Dynamic Charging of Electric Vehicles Using Wireless Power Transfer Technique	IIT (ISM)Dhanbad	1000000	10/8/2021	9/8/2023	Prof. P.K. Sadhu
30	DST(BD TD)(294)/2021-2022/824/EE	Design And Development of Prototype of Bronchoscopy	[Department of Science & Technology (Biomedical Device And Technology Development)	1,668,842.00	9/28/2021	9/27/2022	Prof. Gauri Shankar
31	IIT(ISM)/2021-2022/874/INSTITUTE	Development of Fast Charger For Ev	IIT (ISM)Dhanbad	700,000.00	3/14/2022	7/13/2022	Prof. Sukanta Das

Department of Environmental Science & Engineering

SL. No.	Project No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Rupees)	Start Date of Project (in mm-dd-yyyy)	End Date of Project (in mm-dd-yyyy)	Name of PI
32	DST(SERB)(289)/2021-2022/798/ESE	(Vritika) Nanotechnology	Department of Science & Technology (Science & Engineering Research)	50000	3/24/2021	7/23/2021	Prof. Saravanan Pichiah
33	CIL(17)/2021-2022/801/ESE	Impact of Coal Mining Dust On Soil Quality	Coal India Limited	767000	5/15/2020	9/14/2021	Prof. S.K. Maiti
34	IIT(ISM)/2021-2022/803/INSTITUTE	Identification of Suitable Sites And Designing of Environmental Friendly Rainwater Harvesting Structures For Catching The Rain Where It Falls When It Falls In The IIT(ISM) Campus Area	IIT (ISM)Dhanbad	880000	1/6/2021	5/30/2022	Prof. Anshumali
35	DST(SEED)(290)/2021-2022/805/ESE	Cow Dung Derived Hybrid Adsorbent For Heavy Metal Removal And Its Subsequent Utilization As Cheaper Electrodes For Energy Storage Devices	Department of Science & Technology (Science For Equity, Empowerment & Development)	3616859	7/7/2021	6/7/2024	Prof. B.K. Mishra
36	OMC/2021-2022/806/ESE	Preparation of Nalla Diversion With Surface Run-off Management Study Pertaining To Guali Iron Ore Mines of M/S Omc Ltd. In Keonjhar District of Odisha	Odisha Mining Corporation Limited	2700000	6/18/2021	6/17/2022	Prof. S.R. Samadder
37	DDWS(NJMM)/2021-2022/807/ESE	Low Cost Treatment Method For Fluoride And Arsenic Contaminated Ground Water	Ministry of Jal Shakti, Department of Drinking Water And Sanitation (National Jal Jeevan Mission)	112,000.00	7/23/2021	7/22/2024	Prof. B.K. Mishra
38	IIT(ISM)/2021-2022/826/INSTITUTE	Delineation of The Administrative Boundary of The Banki River, Garhwa District, Jharkhand: An Implication In Restoration And Conservation of The Ganga River Basin	IIT (ISM)Dhanbad	2100000	9/20/2021	3/19/2023	Coordinator : Prof. Anshumali
39	CIL(19)/2021-2022/844/ESE	Separation And Recovery of Fine Particles From Coal Washery Effluents Using Bio-Coagulant	(Coal India Limited)	5,487,000.00	4/1/2022	3/1/2024	Prof. S.R. Samadder
40	CIL(20)/2021-2022/845/ESE	Development of Guidelines For Delineation of Water Stressed Area And Designing of Environmental Friendly Water Storage Structure For Meeting The Water Needs In Mining Areas	(Coal India Limited)	10,784,000.00	4/1/2022	3/1/2025	Prof. P.K. Singh

41	BCCL/2021-2022/848/ESE	Analysis of Co, Co ₂ , CH ₄ And Its Homologues; Measurement For The Presence of Above Gases And Their Potential Danger/Harmful Effects On Human; Random Analysis of Ambient Air Quality And Analysis of Water Quality For The Mine Discharge Water In Sijua Area of Bccl	Bharat Coking Coal Limited	1,180,000.00	11/1/2022	10/1/2023	Prof. Manish Kr. Jain
42	JPL/2021-2022/876/ESE	Study On Leaching Effect of Ash Dyke And Ash Disposal Areas At Jindal Power Limited, Tamnar, Raigarh, Chattisgarh	Jindal Power Limited	1,180,000.00	10/3/2022	9/1/2023	Prof. Gurdeep Singh

Department of Fuel, Minerals & Metallurgical Engineering

SL. No.	Project No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Rupees)	Start Date of Project (in mm-dd-yyyy)	End Date of Project (in mm-dd-yyyy)	Name of PI
43	BCCL/2021-2022/809/FMME	Sampling & Analysis of 80,000 Mt Slurry of Moonidih Coal Washery, Bccl	Bharat Coking Coal Limited	519200	8/16/2021	8/15/2022	Prof. Pankaj Kr. Jain
44	BCCL/2021-2022/821/FMME	Sampling And Quality Assessment of 1.70 Lakh Tons of Rejects of Lying Between Gate of 5.0 Mtpa Patherdih Nlw Washery And To South Side of Kaccha Road To Siding At 5.0 Mtpa Patherdih Nlw Washery	Bharat Coking Coal Limited	1,344,020.00	9/20/2021	9/19/2024	Prof. Shalini Gautam
45	BCCL/2021-2022/822/FMME	Sampling, Analysis And Grading of 106805.21 Mt In H-14 & 169911.38 Mt In H-15 Heap of Reject At Patherdih Coal Washery	Bharat Coking Coal Limited	653,720.00	1/10/2021	3/31/2024	Prof. Shravan Kumar
46	ISRO(11)/2021-2022/823/FMME	Multiscale Simulation of Weld Solidification Cracking In Ni-Based Superalloys Used In Aerospace Applications	Indian Space Research Organisation	1,974,000.00	6/10/2021	5/10/2023	Prof. Rahul M R
47	JSL/2021-2022/866/FMME	Effect of Coal Quality On The Performance of Jsl Thermal Power Plant	Jindal Stainless Limited	2,206,600.00	2/15/2022	2/14/2024	Prof. B.K. Nandi
48	JSL/2021-2022/867/FMME	Assessment of Losses And Improvement of Efficiency of Jajpur Thermal Power Plant, Jsl	Jindal Stainless Limited	1,239,000.00	2/15/2022	2/14/2024	Prof. Anand Anupam
49	DVC/2021-2022/880/FMME	Assessment of Properties of Coal Imported By Damodar Valley Corporation	Damodar Valley Corporation	5,900,000.00	1/4/2022	3/31/2023	Prof. B.K. Nandi

Department of Mining Engineering

SL. No.	Project No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Rupees)	Start Date of Project (in mm-dd-yyyy)	End Date of Project (in mm-dd-yyyy)	Name of PI
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50	SAIL(5)/2021-2022/799/ME	Assessment of The Change Detection Due To Mining Activities of Sail-Rmd Mines Through Preparation of High Resolution Satellite Map Obtained From Fusion of Cartosat-2 And Liss-Iv Datasets At A Scale of Cadastral Map And Preparation of Lulc Maps of High-Resolution Satellite Image	Steel Authority of India Limited	2862090	5/15/2021	5/14/2024	Prof. Vasanta Govind Kumar Villuri
51	SAIL(6)/2021-2022/802/ME	Scientific Study For Preparation of Computer Aided 3-D Model of Ground Level of Tasra Open Cast Project, Sail- Collieries Division	Steel Authority of India Limited	577610	3/28/2021	3/27/2023	Prof. Dheeraj Kumar
52	STL/2021-2022/831/ME	Scientific Study Regarding Controlled Blast Design, Ground Vibration Monitoring, And Fragmentation Assessment During Blasting At Navi Mumbai International Airport	Stl (Smartchem Technologies Limited)	1570000	11/19/2021	11/18/2023	Prof. A.K. Mishra
53	CCL(SDOCM)/2021-2022/838/ME	Scientific Study As Per Regulation 106(2) of The Coal Mines Regulation 2017 For Ultimate Pit Stability And Dump Slope Stability For Planning, Designing And Working of Mechanized Opencast (Shovel - Dumper Combination) In Respect of Sdocm, Dhor Area, Central Coalfields Limited	Central Coalfields Limited (Selected Dhor Open Cast Mine)	1,091,500.00	9/18/2021	12/17/2021	Prof. Gnananandh Budi
54	DST(FIST)(301)/2021-2022/842/ME	To Strengthen The Research Facilities In The Department of Mining Engineering	Department of Science & Technology (Fund For Improvement of S&T Infrastructure)	22,000,000.00	5/3/2021	4/3/2026	Prof. R.K. Sinha
55	CIL(21)/2021-2022/854/ME	Real-Time Energy Efficient Cyber-Physical Intelligent System For Mine Slope Health Monitoring	Coal India Limited	23,897,000.00	1/2/2022	1/31/2024	Prof. Radhakanta Koner

Department of Mechanical Engineering

SL. No.	Project No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Rupees)	Start Date of Project (in mm-dd-yyyy)	End Date of Project (in mm-dd-yyyy)	Name of PI
56	JAZANU/2021-2022/810/MECH	Structural And Machinery Failure Analyses Through Vibration And Acoustic Techniques	Jazan University, Saudi Arabia	600000	9/8/2021	8/8/2024	Prof. M.L. Chandravanshi
57	DST(SERB)(291)/2021-2022/811/MECH	(Vritika) Study of Two Phase Flow	Department of Science & Technology (Science & Engineering Research Board)	50000	6/23/2021	10/22/2021	Prof. Pawan Kr. Singh

58	DST(SERB)(292)/2021-2022/812/MECH	(Vritika) Investigation of Thermo-fluidic Characteristic of Nanofluid-Cooled Microchannels	Department of Science & Technology (Science & Engineering Research Board)	50000	6/23/2021	10/22/2021	Prof. Pawan Kr. Singh
59	CIL(18)/2021-2022/830/MECH	Design And Development of Knee And Spinal Smart Protective Devices For Improving The Health And Safety of Miners	Cil (Coal India Limited)	7206000	11/15/2021	11/14/2023	Prof. K.K. Singh
60	DST(SERB)(303)/2021-2022/846/MECH	Investigation of The Spall Behavior of Glass-Filled Epoxy Composites Using Laser Spallation Technique	Department of Science & Technology (Science & Engineering Research Board)	2,997,610.00	12/30/2021	12/29/2023	Prof. Sarthak Sambit Singh
61	DST(SERB)(313)/2021-2022/861/MECH	Fluid-Structure Interactions In A Power-Law Fluid	Department of Science & Technology (Science & Engineering Research Board)	660,000.00	1/14/2022	1/13/2025	Prof. Subhankar Sen
62	DST(SERB)(298)/2021-2022/837/MECH	Development of Highly Accurate Immersed Interface Method For Direct Numerical Simulation of Fluid-Structure Interaction Problems Under Compressible Flow Regime	Department of Science & Technology (Science & Engineering Research Board)	2402400	12/15/2021	12/14/2024	Prof. Swagata Bhaumik
63	DST(SERB)(299)/2021-2022/839/MECH	Investigation of The Human Retinal Vasculature For Early Prognosis of Microaneurysm Regions	Department of Science & Technology (Science & Engineering Research Board)	2761000	12/23/2021	12/22/2023	Prof. Ajay Bhandari
64	DST(SERB)(300)/2021-2022/841/MECH	Evaluation of An Evaporating Nanofluid Meniscus For Improved Performance of Heat Pipes	Department of Science & Technology (Science & Engineering Research Board)	3370400	12/28/2021	12/27/2024	Prof. Pawan Kr. Singh
65	DST(SERB)(302)/2021-2022/843/MECH	On The Reductions of Aerofoil-Turbulence Noise Through Wavy Leading And Trailing Edge Serrations	Department of Science & Technology (Science & Engineering Research Board)	3409961	12/28/2021	12/27/2024	Prof. S. Narayanan
66	DRDO(17)/2021-2022/855/MECH	Critical Investigation On Alloy Stainless Steel Bi Metallic Joining Using Friction Stir Welding For Aerospace Application	Defence Research & Development Organization	997,100.00	1/24/2022	7/23/2023	Prof. Somnath Chattopadhyay
67	DST(SERB)(311)/2021-2022/858/MECH	Impact of Pesticide Drops On A Leaf: Minimizing of The Use of Pesticides From The Study of The Spread	Department of Science & Technology (Science & Engineering Research Board)	3,394,640.00	1/21/2022	1/20/2025	Prof. Deepak Kr. Mandal
68	JANATICS/2021-2022/859/MECH	Design And Development of Hardware For Controls Using Ball Screw/Belt Type Linear Actuators	Janatics India Private Limited, Coimbatore	3,844,329.00	1/19/2022	10/18/2023	Prof. Arun Dayal Udai
69	DST(SERB)(322)/2021-2022/877/MECH	Fabrication of Different Grades of Tool Steel By Twin Wire Arc Additive Manufacturing Combined With In-Situ Alloying	Department of Science & Technology (Science & Engineering Research Board)	3,741,020.00	2/3/2022	1/3/2025	Prof. Amitava Mandal

70	DST(SERB)(310)/2021-2022/857/MME	Enhancing The Operational Efficiency of A Hydraulic Excavator Machine By Introducing A Novel Energy Recuperative Mechanism	Department of Science & Technology (Science & Engineering Research Board)	3,958,900.00	1/21/2022	1/20/2025	Prof. Niranjan Kumar
71	NORMET/2021-2022/864/MME	Analysis of Operator'S Field of View of Normet Equipment: Visibility From Cabin As Per Is/Iso 5006:2017	Normet India Private Limited	1,062,000.00	4/2/2022	3/10/2022	Prof. L.A. Kumaraswamidhas

Department of Mathematics & Computing

SL. No.	Project No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Rupees)	Start Date of Project (in mm-dd-yyyy)	End Date of Project (in mm-dd-yyyy)	Name of PI
72	DST(SERB)(305)/2021-2022/849/MnC	Linear Canonical Transform And Associated Wavelets And Wavelet Transform	Department of Science & Technology (Science & Engineering Research Board)	660,000.00	1/14/2022	1/13/2025	Prof. Akhilesh Prasad
73	DST(SERB)(306)/2021-2022/850/MnC	Numerical Study of Unsteady Entropy Generation And Mhd Combined Convection In Lid-Driven Porous Enclosure	Department of Science & Technology (Science & Engineering Research Board)	660,000.00	1/14/2022	1/13/2025	Prof. P.S. Rao
74	DST(SERB)(307)/2021-2022/851/MnC	Study of Multi-Time Control Problem Governed By Curvilinear Integral Cost Functional With Applications	Department of Science & Technology (Science & Engineering Research Board)	660,000.00	1/14/2022	1/13/2025	Prof. Anurag Jayswal
75	DST(SERB)(319)/2021-2022/871/MnC	Quantum Error Correcting Codes (Css Construction) With Symbol Pair Metric Over Finite Fields	Department of Science & Technology (Science & Engineering Research Board)	660,000.00	10/2/2022	9/2/2025	Prof. Abhay Kr. Singh
76	DST(SERB)(321)/2021-2022/873/MnC	Mathematical Study On The Analysis of Thermoelastic Damping And Frequency Shift In Thermoelastic Micro/Nano-Scale Beams With Complexities	Department of Science & Technology (Science & Engineering Research Board)	660,000.00	2/23/2022	2/22/2025	Prof. Abhishek Kr. Singh

Department of Management Studies & Industrial Engineering

SL. No.	Project No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Rupees)	Start Date of Project (in mm-dd-yyyy)	End Date of Project (in mm-dd-yyyy)	Name of PI
77	DST(SERB)(288)/2021-2022/797/MS	High-End Workshops For Enriching The Minds of The Young Talented Researchers And Students With The Data Science And Analytical Tools And Techniques	Department of Science & Technology (Science & Engineering Research Board)	150000	4/27/2021	7/26/2021	Prof. Rashmi Singh
78	CC IPL/2021-2022/804/MS	Optimization of Distribution Network of Crystal Ceramic Industries Private Limited	Crystal Ceramic Industries Private Limited	246620	6/24/2021	6/23/2023	Prof. Krishnendu Shaw

79	CAPGEMINI(2)/2021-2022/815/MS	Demand Sensing	Capgemini Technology Services India Limited	208,300.00	1/10/2021	12/31/2021	Prof. Shikha Singh
80	CAPGEMINI(3)/2021-2022/816/MS	Ev Battery Management	Capgemini Technology Services India Limited	262,300.00	1/10/2021	12/31/2021	Prof. Shikha Singh
81	CAPGEMINI(4)/2021-2022/817/MS	Predictive Analytics To Improve The Availability of The Manufacturing Equipment In Automotive Firms	Capgemini Technology Services India Limited	208,300.00	1/10/2021	12/31/2021	Prof. Shikha Singh
82	IIT(ISM)/2021-2022/828/INSTITUTE	Developing Inclusive Agriculture Ecosystem For Jharkhand: Application To Fintech And Blockchain	IIT (ISM)	2140000	1/11/2021	10/31/2023	Prof. Shashank Bansal
83	SEBI/2021-2022/829/MS	Tunneling Or Propping? Shareholders Decision On Related Party Transaction: Evidence From A Quasi Natural Experiment	Securities And Exchange Board of India	350000	11/11/2021	10/2/2023	Prof. Shashank Bansal
84	DST(SERB)(308)/2021-2022/852/MS	Investigating The Optimal Electricity Generation Mix For India Using A Fuzzy Portfolio Optimization Approach	Department of Science & Technology (Science & Engineering Research Board)	660,000.00	1/14/2022	1/13/2025	Prof. Mohd. Irfan
85	DST(SEED)(317)/2021-2022/869/MS	Improving The Economic Well-Being of Scheduled Tribe Communities (St) Using Game Theoretic And Operations Research Techniques In Jamtara District of Jharkhand State	Department of Science & Technology (Science For Equity, Empowerment & Development Division)	6,075,211.00	2/25/2022	2/24/2025	Prof. Rashmi Singh
86	CCL/2021-2022/875/MS	Socio-Economic Assessment of Project Impacted People Due To Coal Mining Projects In Central Coalfields Limited (Ccl): A Study On Selected Mines	Central Coalfields Limited	2,133,002.00	7/3/2022	6/3/2023	Prof. Bibhas Chandra
87	DST(NCSTC)(323)/2021-2022/878/MS	Motivate School Students And Teachers Concerning The Relevance of Science And Technology Through Innovative Communication Techniques	Department of Science & Technology (National Council For Science & Technology Communication)	1,882,125.00	11/3/2022	10/3/2024	Prof. Rashmi Singh
88	DSIR/2021-2022/885/MS	Assessing The Techno-Commercial Status of Trl 6 And Above Technologies In The Field of Healthcare And Agriculture	Department of Scientific And Industrial Research	1,999,183.00	1/4/2022	3/31/2023	Prof. Shashank Bansal
89	MoT(3)/2021-2022/887/MS	A Study On Sustainable Development of Handicraft Artists Belonging To Primitive Tribal Groups of Jharkhand	Ministry of Textile	1,715,259.00	3/17/2022	3/16/2023	Prof. Mrinalini Pandey

Department of Petroleum Engineering

SL. No.	Project No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Rupees)	Start Date of Project (in mm-dd-yyyy)	End Date of Project (in mm-dd-yyyy)	Name of PI
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90	EUGEPL/2021-2022/800/PE	Microbial Simulation And Augmentation of Gas Content of Coal Seam	Essar Oil And Gas Exploration And Production Limited	1854252	5/18/2021	5/17/2022	Prof. Keka Ojha
91	SICI(SCLSG)/2021-2022/882/PE	Insight Into Non-Thermal To Thermal Eor And Environmental Impact of Modern Petroleum & Chemical Industry	Shastri Indo-Canadian Institute (Shastri Conference And Lecture Series Grant)	25000	24-02-2022-	4/23/2022	Prof. T.K. Naiya
Department of Physics							
SL. No.	Project No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Rupees)	Start Date of Project (in mm-dd-yyyy)	End Date of Project (in mm-dd-yyyy)	Name of PI
92	DST(SERB)(296)/2021-2022/835/PHYSICS	Investigation of Single-Particle Structures In Pygmy Resonances In Nuclei And Development of A Gamma-Neutron Detector For Its Study	Department of Science & Technology (Science & Engineering Research Board)	3309900	8/11/2021	7/11/2023	Prof. Soumya Bagchi