

3.2.1 Research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, Endowment Research Chairs during the last five years

Title of the research project, Research Chairs	Name of of the PI/ Co-PI/Name of the person holding the Chair	Name of the funding agency	2023-2024	2022-2023	2021-2022	2020-2021	2019-2020	Total Amount
	2023-2024							
<u>Joaquim Heliodoro da Cunha Rivara Chair in Indo- Portuguese studies</u>	Directorate of Visiting Research Professors Programme	Camoes I.P. (Portugal)	696110.00	698603.00	668093.00	661440.00	770600.00	3494846.00
<u>Shri D. B. Bandodkar Chair</u>	Directorate of Visiting Research Professors Programme	Directorate of Art & Culture, Panjim-Goa	0.00	500000.00	0.00	0.00	0.00	500000.00
<u>Shri B. B. Borkar Chair</u>	Directorate of Visiting Research Professors Programme	Directorate of Art & Culture, Panjim-Goa	0.00	500000.00	0.00	0.00	1500000.00	2000000.00
<u>Shri D. D. Kosambi Chair</u>	Directorate of Visiting Research Professors Programme	Directorate of Art & Culture, Panjim-Goa	0.00	500000.00	0.00	0.00	800000.00	1300000.00
<u>Late Shri Anthony Gonsalves Chair</u>	Directorate of Visiting Research Professors Programme	Directorate of Art & Culture, Panjim-Goa	0.00	500000.00	0.00	0.00	2000000.00	2500000.00
<u>Late Shri Narayan Shirgaonkar Chair</u>	Directorate of Visiting Research Professors Programme	Directorate of Art & Culture, Panjim-Goa	0.00	500000.00	0.00	0.00	0.00	500000.00
<u>Late Shri Mario De Miranda Chair</u>	Directorate of Visiting Research Professors Programme	Directorate of Art & Culture, Panjim-Goa	0.00	500000.00	0.00	0.00	0.00	500000.00

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<u>Sant Sohrobanath Ambiye Chair</u>	Directorate of Visiting Research Professors Programme	Directorate of Art & Culture, Panjim-Goa	0.00	500000.00	0.00	0.00	300000.00	800000.00
<u>Chhatrapati Shivaji Maharaj Chair in Leadership and Governance</u>	Manohar Parrikar School of Law, Governance and Public Policy	DHE, Govt. of Goa	0.00	0.00	1500000.00	0.00	0.00	1500000.00
<u>V.M. Salgaocar Chair</u>	V.M.Salgaocar Trust	V.M.Salgaocar Trust	0.00	0.00	0.00	1765600.00	0.00	1765600.00
<u>Dalai Lama Chair for Nalanda Studies</u>	Director, VRPP	Dalai Lama Foundation	0.00	0.00	0.00	0.00	1000000.00	1000000.00
<u>Study to know the present status and propose measures to improve the bird diversity in Salim Ali Bird Sanctuary, Goa</u>	Dessai, Minal	Department of science and technology and waste management	264000.00	0.00	0.00	0.00	0.00	264000.00
<u>Unravling mechanism of negative thermal expansion in magnetic metallic compounds</u>	Priolkar, K.R.	CSIR	217000.00	0.00	0.00	0.00	0.00	217000.00
<u>RuO₂/LixCu_yMn(1-x-y)Fe₂O₄ nanocomposites for highly efficient hybrid supercapacitors</u>	Naik, P.P.	DST-SERB	1716710.00	0.00	0.00	0.00	0.00	1716710.00
<u>Synthesis and biological evaluation of ketopiperazine-based fused heterocycles as promising pharmaceutical agents</u>	Shinkre, B.A.	DST-SERB-SURE	1306000.00	0.00	0.00	0.00	0.00	1306000.00
<u>Metal bioavailability in intertidal sediments and bioaccumulation in benthic biota in tropical estuaries of Maharashtra, west coast of India to understand implications of metal toxicity.</u>	Nasnodkar, M.R.	DST-SERB-SURE	1163000.00	0.00	0.00	0.00	0.00	1163000.00

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<u>Assessment of metal toxicity through bioavailability in sediments and bioaccumulation in edible bivalves, and to evaluate metal pollution remediation potential of mangrove plants in the Sal Estuary, Goa</u>	Nasnodkar, M.R	DST&WM, Govt. of Goa	100000.00	0.00	0.00	0.00	0.00	100000.00
<u>Exploring the Mysteries of <i>Gymnacranthera canarica</i>: Phytochemistry, In vitro Culture, and Bio-Efficacy Investigations in the Myristica Swamps of Western Ghats, India</u>	Naik, A.V.	Goa State Research Foundation, Govt. of Goa	400000.00	0.00	0.00	0.00	0.00	400000.00
<u>Seaweed biofilter system for sequestration of heavy metals from industrial wastewater</u>	Prabhu, M.S.	Goa State Research Foundation, Govt. of Goa	1175000.00	0.00	0.00	0.00	0.00	1175000.00
<u>Synthesis and Characterization of Mononuclear Ruthenium Catalyst for Effective Water Oxidation</u>	Karmalkar, Deepika	Goa State Research Foundation, Govt. of Goa	400000.00	0.00	0.00	0.00	0.00	400000.00
<u>Polyoxomolybdo vanadates-based materials in electrochemical detection methods</u>	Kundaikar, S.A.	Goa State Research Foundation, Govt. of Goa	910000.00	0.00	0.00	0.00	0.00	910000.00
<u>Designing Coumarin-Marine Inspired Hybrids for Advanced Chemosensing in Goa's Water Ecosystem and their Therapeutic Applications</u>	Patre, R.E.	Goa State Research Foundation, Govt. of Goa	645000.00	0.00	0.00	0.00	0.00	645000.00

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<u>Activation of Small Molecule Transition Metal Compounds Bearing Heme and Nonheme N-donor ligands and Effective Catalytic Transformations via a Biomimetic Approach</u>	Dhuri, S.N.	Goa State Research Foundation, Govt. of Goa	1170000.00	0.00	0.00	0.00	0.00	1170000.00
<u>Visible light mediated organic transformation via dehydrogenative C-C bond formation: Green approach for synthesis of natural product and its derivatives</u>	Volvoikar, P.S.	Goa State Research Foundation, Govt. of Goa	190000.00	0.00	0.00	0.00	0.00	190000.00
<u>Assessment of macrofauna-associated microbial diversity in the mangrove habitats of Goa and their role in ecosystem functioning with emphasis on marine fungi and thraustochytrid protists</u>	Damare, V.S.	Goa State Research Foundation, Govt. of Goa	880000.00	0.00	0.00	0.00	0.00	880000.00
<u>Mapping strategies in Managing Sports in Goa since Liberation: Developing a Strategy matrix for the future to create Sustainable Sports Tourism Destination</u>	Borde, N.	Goa State Research Foundation, Govt. of Goa	415000.00	0.00	0.00	0.00	0.00	415000.00
<u>Mapping Business School Student's Attitudes towards Tourism Entrepreneurial Intentions in Goa</u>	Velip, S.P.	Goa State Research Foundation, Govt. of Goa	45000.00	0.00	0.00	0.00	0.00	45000.00
<u>Understanding, Control and inhibition of the corrosion phenomenon of certain metals (Al,Cu) in different electrolytes and temperature using electrochemical techniques</u>	Hyam, R.S.	Goa State Research Foundation, Govt. of Goa	225000.00	0.00	0.00	0.00	0.00	225000.00



<u>A synergistic approach to Dengue prediction in Goa: Mathematical modelling and deep learning</u>	Gawas, Mridini	Goa State Research Foundation, Govt. of Goa	400000.00	0.00	0.00	0.00	0.00	400000.00
<u>Development of Portable Device for Adulterant Detection in Turmeric using Machine Learning</u>	Parab, J.S.; Morajkar, P.P.	Goa State Research Foundation, Govt. of Goa	680000.00	0.00	0.00	0.00	0.00	680000.00
<u>Documentation of the endangered variety of Portuguese spoken in Goa</u>	Barreto-Alberto, L.	Goa State Research Foundation, Govt. of Goa	126000.00	0.00	0.00	0.00	0.00	126000.00
<u>Betal worship in Goa: Nature & Characteristics</u>	Aiyya, H.	Goa State Research Foundation, Govt. of Goa	107500.00	0.00	0.00	0.00	0.00	107500.00
Religion, Livelihood and Public Policy: Dialectics of Reciprocal Integration between Tibetan Refugees and Ladakhi Buddhists in the Union Territory of Ladakh	Coelho, J.P.	ICSSR	750000.00	0.00	0.00	0.00	0.00	750000.00
<u>Understanding and Implementing IMTA: An efficient technology towards sustainable mariculture, carbon sequestration, and blue economy boost</u>	Gawade, L	Indo-German Science and Technology Centre, DST	1300000.00	0.00	0.00	0.00	0.00	1300000.00
<u>Taxonomy, Regional-Scale diversity, and Geographical Distribution of Marine Sponges (Phylum: Porifera) from the West Coast (Maharashtra, Goa and Karnataka) of India</u>	Pereira, Preeti A.	SERB-TARE	275000.00	0.00	0.00	0.00	0.00	275000.00

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<u>Protection of Child Rights in Goa - Assessment of Awareness and Attitudes in coastal areas of Goa</u>	Lolayekar, A.P	Goa State Research Foundation, Govt. of Goa	55000.00	0.00	0.00	0.00	0.00	55000.00
<u>Blood glucose estimation using Artificial Intelligence</u>	Sequeira, M.D.	Dept. of Science, Technology and Waste Management	300000.00	0.00	0.00	0.00	0.00	300000.00
<u>Goan Mangrove health assessment based on optical sensors using machine learning</u>	Sequeira, M.D.	Goa State Research Foundation, Govt. of Goa	217500.00	0.00	0.00	0.00	0.00	217500.00
<u>Entrepreneurial Skills and Avenues in Librarianship to Promote Self-employment</u>	Dr. Shamin Pereira	Goa State Research Foundation, Govt. of Goa	40000.00	0.00	0.00	0.00	0.00	40000.00
<u>Physiochemical characterisation of Banded Iron formations (BIF) for sustainable economic prospects for trace and REE'</u>	Dr Niyati Kalangutkar	Goa State Research Foundation, Govt. of Goa	125000.00	0.00	0.00	0.00	0.00	125000.00
<u>Evaluation of the Beti Bachao Beti Padhao Scheme in select area of Goa</u>	Lolayekar, A.P.; Rivankar, K.; Kavthankar, A.A.;	ICSSR	975000.00	0.00	0.00	0.00	0.00	975000.00
<u>Study of Micro-plastics in Coastal Areas of Goa</u>	Kalangutkar, N.G.	DSTE WM- Department of Science & Technology and Waste Management	250000.00	0.00	0.00	0.00	0.00	250000.00
	Sanctioned in 2022-2023							
<u>Understanding the Fluxes of Microplastics in the Coastal Ecosystems of Major Rivers of India</u>	D'Costa, P.M.	SERB	150000.00	250000.00	0.00	0.00	0.00	400000.00

"VIDYAAPATI" A system for Bidirectional Machine Translation Involving Bengali, Konkani, Maithili, Marathi and Hindi	Pawar, J.D.	MEIT-Ministry of Electronics & Information Technology	3478702.00	4589765.00	0.00	0.00	0.00	8068467.00
<u>The Biodiversity and Ecology of the Fragile Ecosystem of Goa: The Mangroves and the Salt pans</u>	Salgaonkar, B.B.	Goa Forest Department, Govt. of Goa	129480.00	348600.00	0.00	0.00	0.00	478080.00
<u>Visvesvaraya Ph.D. Scheme in Electronics and IT-Phase II</u>	Gad, R.S.	MEIT-Ministry of Electronics & Information Technology	289792.00	0.00	0.00	0.00	0.00	289792.00
Tuning the magneto-transport properties in phase separated Mn ₃ GaC _x type intermetallics	Dias, E.T.	SERB-DST	0.00	2106507.00	0.00	0.00	0.00	2106507.00
Synthesis of novel fused heterocycles with cytosine, adenine, guanine, coumarin, pyridone, imidazoline based skeletons & their anticancer study	Kadam, H.K.	DST, Govt. of Goa	0.00	250000.00	0.00	0.00	0.00	250000.00
Development of transition metal oxide based nanostructured materials as high-performance electrochemical supercapacitor for sustainable energy storage technology	Morajkar, P.P.	DST&WM, Govt. of Goa	0.00	231000.00	0.00	0.00	0.00	231000.00
<u>Biotechnological potential of Extremozymes from Halophilic archaea. Isolated from Solar Salterns of Goa-India</u>	Salgaonkar, B.B.; Bugde, S.T.	DST&WM, Govt. of Goa	0.00	186000.00	0.00	0.00	0.00	186000.00

<u>Iodine/hypervalent iodine mediated intramolecular dehydrogenative cyclisation for synthesis of natural product and pharmaceutically important motifs</u>	Volvoikar, P.S.	SERB-DST	0.00	2504960.00	0.00	0.00	0.00	2504960.00
<u>Tuning the Thermal and Electrical Conductivity of BaZrS₃ Chalcogenide Perovskite as Electrode Material for High Power Generation in Thermogalvanic Cells</u>	Nagvenkar, A.P.	SERB	0.00	2420856.00	0.00	0.00	0.00	2420856.00
	Sanctioned in 2021-2022							
<u>Functional Polyoxometalate based materials: Design, Synthesis, Characterization, and catalytic properties (UGC start-up Grant)</u>	Kundaikar, S.A.	UGC	199564.00	0.00	800000.00	0.00	0.00	999564.00
<u>Trade of between NDC and SDG targets for India: A Macro Analysis of carbon sequestration and economic development between 1992-2018</u>	Gaude, H.S.	SANDEE-ICIMOD	742647.52	0.00	472745.90	0.00	0.00	1215393.42
<u>Deciphering the tectonic evolution of the Precambrian rocks along the West Coast of India at the proposed northern margin of the Western Dharwar Craton, and the Madagascar-India connection revisited</u>	Sequeira, N.	SERB	550000.00	0.00	2000000.00	0.00	0.00	2550000.00



<u>Elucidation of dual activity of siderophores in iron sequestration and salt tolerance</u>	Jalmi, S.K.	SERB-DST	850000.00	0.00	1936800.00	0.00	0.00	2786800.00
<u>Investigation of Application based properties of Aerogels</u>	Raut-Dessai, R.	UGC-DAE CSR	33903.00	0.00	45000.00	0.00	0.00	78903.00
<u>Designing polymer-in-ceramic composite electrolyte for high performance sodium-ion batteries</u>	Pahari, B.	UGC-DAE-CSR	44756.00	0.00	45000.00	0.00	0.00	89756.00
<u>Evolution of Structural and Optical Properties of Multifunctional Magnetic-plasmonic-graphene oxide Nanocomposites due to Photothermal Effects</u>	Sudhir, C.	UGC-DAE-CSR	44776.00	0.00	45000.00	0.00	0.00	89776.00
<u>Synthesis of novel Aminocoumarin based fused heterocyclic compounds for prospective anticancer studies (UGC start-up Grant)</u>	Kadam, H.K.	UGC	0.00	191582.00	800000.00	0.00	0.00	991582.00
<u>Creating an in-depth literature relating to the history of Goa from pre-historic period to 1961 CE</u>	Rao, N.	DHE, Govt. of Goa	0.00	60000.00	0.00	0.00	0.00	60000.00
<u>Correlation of Structural and Multiferroic Switching in Photoluminescent Organic-inorganic Hybrid A2MCl4 Perovskites: Effect of Organic and Transition Metal Cations on the Switching Mechanism</u>	Hathwar, V.R.	UGC-DAE-CSR, Indore	0.00	226440.00	226440.00	0.00	0.00	452880.00

<u>Bioprospecting of Marine Microbial Diversity for various Products" under the Marine Bioresource and Biotechnology Network Programme</u>	Dr. S.C. Ghadi, (PI) Goa University. Prof. S.G.Tilve, SCS (Co-PI) Goa University.	DBT	0.00	0.00	2813040.00	0.00	0.00	2813040.00
<u>Regulation of secondary metabolite biosynthesis in rice varieties of Goa</u>	Jalmi, S.K.	MHRD/UGC	0.00	0.00	800000.00	0.00	0.00	800000.00
<u>Development of a fish feed product prototype using prebiotics and vitamins supplement, from non-pathogenic, gut-friendly halophilic archaea</u>	Salgaonkar, B.B.	SERB-DST	0.00	0.00	1931581.00	0.00	0.00	1931581.00
	Sanctioned in 2020-2021							
<u>Bioprospecting of Goan salt pans to identify indigenous pigment producing bacteria suitable for food & pharmaceutical application</u>	Kerkar, S.	DBT	0.00	0.00	641520.00	0.00	0.00	641520.00
<u>Histochemical and Biotechnological Characterization of High Value Medicinal Plants Annona muricata and Rauvolfia verticillata from the Western Ghats of India</u>	Krishnan, S.	CSIR	121800.00	0.00	0.00	0.00	0.00	121800.00
<u>Aerosol Characterization Along the West Coast of India</u>	Menon, H.B.	ISRO	1000000.00	1000000.00	0.00	0.00	0.00	2000000.00
	sanctioned in 2019-2020							

<u>AIE Active Functional Aminoglycoside Antibiotics: Design, Synthesis, Self-Assembly, Molecular Recognition and Biological Applications</u>	<u>Bhosale, S.V.</u>	CSIR	100440.00	691120.00	720000.00	0.00	1018000.00	2529560.00
<u>Analysis of Optical Properties of Coastal and Estuarine Waters and Development of Algorithm to Retrieve Chromophoric Dissolved Organic Matter from an Optical Sensor</u>	Menon, H.B.	NRB, MoD	540844.00	0.00	1663006.00	0.00	2202080.00	4405930.00
<u>Diversity of Herpetofauna of Goa, Maharashtra and Karnataka</u>	<u>Sawant, N.S</u>	MoEF&CC	1016061.00	1361427.00	0.00	0.00	2106192.00	4483680.00
<u>Relationship Between Green HRM Practices of Industry and Environmental Performance, Sustainability and Employee Health</u>	<u>Nirmala, R.</u>	ICSSR	0.00	180000.00	0.00	270000.00	360000.00	810000.00
<u>Synthesis, Characterization and Optical Properties of Charge-Transfer Cocrystals (UGC start-up Grant)</u>	Hathwar, V.R.	UGC	0.00	0.00	139299.00	0.00	800000.00	939299.00
<u>Shape Selective Metal Oxide Based Nano-catalysts for Environmental Remediation</u>	Rohan Kunkalekar	UGC	0.00	0.00	197733.00	0.00	800000.00	997733.00
<u>Design, Synthesis and Application of Heterocyclic Quinones as Organic Photoredox Catalysts for Organic Transformations</u>	Sandesh Bugde	UGC	0.00	0.00	178649.00	0.00	800000.00	978649.00

<u>Understanding Bioavailability and Bioaccumulation of Metals in Selected Benthic Biota in the Aganashini Estuary, Karnataka: Implications of Metal Toxicity</u>	Maheshwar Nasnodkar	UGC	0.00	0.00	200000.00	0.00	800000.00	1000000.00
RUSA 2.0	Verenker, V.	Ministry of Education & DHE, Govt. of Goa	18288280.00	22038486.00	9673186.00	0.00	100000000.00	149999952.00
	Sanctioned before 2019							
<u>Establishing A Network Station at Goa University for Atmospheric Boundary Layer Measurements Under The NOBLE Project of ISRO-GBP-SPL, VSSC, ISRO</u>	Menon, H.B.	ISRO	2000000.00	1600000.00	211000.00	0.00	2000000.00	5811000.00
<u>Photodynamic Therapy Using Virus-Like Nanoparticle (VLNP) Based BRET Nano-photosensitizer for Non-invasive Cancer Treatment</u>	Tiwari, D.K.	DBT	0.00	1908941.00	1890256.00	1781027.00	1730488.00	7310712.00
<u>Mangrove Mapping for Coast of Goa</u>	Rodrigues, B.F	Space Applications Centre (SAC), Ahmadabad	0.00	770000.00	825000.00	150000.00	800000.00	2545000.00
<u>Development of Ultra-Sensitive Luminescent Paper Biosensor for Quantification of Cadmium and Arsenic Heavy Metal Contamination in Drinking Water and Seafood</u>	Tiwari, Manisha; Kerkar, S.	DBT	0.00	0.00	1243439.00	0.00	1627453.00	2870892.00

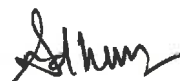
<u>Histochemical and Biotechnological Characterization of High Value Medicinal Plants <i>Annona muricata</i> and <i>Rauvolfia verticillata</i> from the Western Ghats of India</u>	Krishnan, S	CSIR	0.00	0.00	670443.00	219271.00	0.00	889714.00
<u>Dye Yielding Plants of Goa and Their Potential Use in Biological and Textile Staining</u>	Krishnan, S.	DSTE, Govt. of Goa	0.00	0.00	250000.00	0.00	250000.00	500000.00
<u>Diastereo and Enantioselective Synthesis of Alkaloids Containing Pyrrolidine and Piperidine Motif</u>	Tilve, S.G.	CSIR	0.00	0.00	229100.00	0.00	491716.00	720816.00
<u>Geochemical Characteristics and PGE systematics of ultramafic-mafic rocks of Sargur Group, Western Dharwar Craton, India: Implications of Mesoarchean crustal growth and mantle evolution</u>	Ganguly, S.	DST	0.00	0.00	2000000.00	2300000.00	0.00	4300000.00
<u>Reduced Graphene Oxide-Gold Nanoparticle Composite Based Surface Enhanced Raman Spectroscopy for Sensing Environmental Pollutants</u>	Sudhir, C.	UGC-DAE-CSR	0.00	0.00	0.00	48720.00	426489.00	475209.00
<u>Understanding Dynamics of Magneto Structural Coupling in Manganese Inter-Metallics Exhibiting First Order Transition</u>	Prilkar, K.R.	SERB-DST	0.00	0.00	0.00	350000.00	650000.00	1000000.00

<u>Beryllium Concentration, Clay Minerals and Metals in Sediments in Reconstruction of Paleoclimate</u>	Nasnodkar, M.R.	IUAC-UGC	0.00	0.00	0.00	119466.00	202020.00	321486.00
<u>To Rationalize the Composition-Structure-Property Relationship in Na₃+xSC₂ (SiO₄)_x PO₄)_{3-x}: New Promising NASICON Materials for Sodium-Ion Batteries</u>	Pahari, B.	UGC-DAE-CSR	0.00	0.00	0.00	107880.00	698052.00	805932.00
<u>Towards higher efficiency and lower emissions using Indian-origin biofuels: Developing a predictive CFD model with well validated reduced cumbustion kinetic for device scale applications</u>	Morajkar, P.P.	DST	0.00	0.00	0.00	307271.00	699434.00	1006705.00
<u>Design of New Transitional Metal Catalyst for Biomimetic Organic Oxidations</u>	Dhuri, S.N.	CSIR	0.00	0.00	0.00	0.00	619330.00	619330.00
<u>Aerosol Radiative Forcing over India</u>	Menon, H.B.	ISRO	0.00	0.00	0.00	0.00	2000000.00	2000000.00
<u>Bioavailability of Metals in Zuari Estuarine Sediments and their Bioaccumulation in Edible Benthic Biota, Goa, West Coast of India, Goa State</u>	Nasnodkar, M.R.	DST	0.00	0.00	0.00	0.00	285568.00	285568.00
<u>Systematic Studies on Lichens of Cotigao Wildlife Sanctuary, Goa</u>	Randive, P.	DST	0.00	0.00	0.00	250000.00	800000.00	1050000.00

Urea and thiourea post-modified fluorene covalent organic framework (COFs) for anion adsorption and hydrogen bond donor (HBD) catalysis-Inspire Faculty Award Grant	Dey, S.K.	DST	0.00	0.00	0.00	2009839.00	2477943.00	4487782.00
Crystallographic evidence to understand interactions between gaseous guest molecules and the crystalline host materials using In situ X-ray crystallographic analysis-Inspire Faculty Award Grant	Lama, P.	DST	0.00	0.00	0.00	0.00	2044695.00	2044695.00
Screening for Efficient Microbial Consortium for Yield Improvement in <i>Vigna unguiculata</i> (L.) Walp.	Rodrigues, B.F.	DSTE, Govt. of Goa	0.00	0.00	0.00	0.00	300000.00	300000.00
Vishveshvaraya PhD Scheme in area of ESDM & ITES for five full-time candidates	Gad, R.S.	MEIT-Ministry of Electronics & Information Technology	0.00	319195.00	0.00	1135139.00	2301115.00	3755449.00
Vishveshvaraya PhD Scheme in area of ESDM for two full-time candidates	Gad, R.S.	DeitY	0.00	0.00	0.00	0.00	202260.00	202260.00
Optical Manipulation and Trapping Single Gold Shell Encapsulated Semiconductor Quantum Dots and Applications Towards Bioimaging	Sudhir, C.	SERB-DST	0.00	0.00	0.00	0.00	570000.00	570000.00
Solid state NMR and computational study to probe the structural, defects and ion conduction mechanistic features in anti-perovskite based electrolyte materials	Pahari, B.	DST-SERB	0.00	0.00	0.00	0.00	450000.00	450000.00

<u>Development of Nucleosides and Marine Natural Products-Based Therapeutics and Their Synthetic Studies</u>	Majik, M.S.	DST	0.00	0.00	0.00	0.00	136173.00	136173.00
<u>Intramolecular Dehydrogenative Coupling (IMDC) Reactions for the Synthesis of Heterocyclic Scaffolds</u>	Tilve, S.G.	DST-SERB	0.00	0.00	0.00	0.00	800000.00	800000.00
<u>Outcome Evaluation of State Finances in the Context Recommendations of the 14th Finance Commission: Determination of a Sustainable Road-map for 2020-25 Taking into Account Impact of Introduction of GST and Other Tax/Non-tax Trend Forecasts</u>	Mukhopadhyay, P.	Finance Commission of India	0.00	0.00	0.00	0.00	225000.00	225000.00
<u>Financing of Micro, Small and Medium Enterprises (MSMEs) in Goa (With reference to specified sectors)</u>	Hegde-Desai, P.; Borde, N.A.	UGC	0.00	0.00	0.00	0.00	44011.00	44011.00
Total			47099865.52	47433482.00	34816330.90	11475653.00	138088619.00	278913950.42


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