

Research Projects during 2019-2024

S.No	Name of of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration	Year of award or sanction	Amount in INR.
1	Prof. Anupam Basu	Study on the effect of TLR-3 and TLR-9 on breast cancer	DST-SERB	3.5 Years	2015	3690000
2	Prof. Amitava Das / Prof. Alok Chak	CAS-III, Bengali	UGC	5 Years	2015	6400000
3	Prof. Saumendra Kishore Datta / Prof. Arup Kumar Chattopadhyay	DRS-II, Economics	UGC	5 Years	2015	9750000
4	Dr. Sudipta Mondal	FIST, Environmental Science	DST, Govt. of India	5 Years	2016	11100000
5	Prof. Anupam Basu	Study on the Mutation profile of Beta Globin gene and sequence homology among anthropoids	WBDST	3 Years	2016	1923000
6	Dr. Sumit Kumar Hira	Effect of TGF- β silencing in Dendritic cell mediated immunotherapy against an aggressive murine lymphoma: Role of cytokine	DST-SERB	3 Years	2016	3500000
7	Prof. Shyamal Kumar Hui	Investigation on submanifolds in contact metric manifolds	DST-SERB	3 Years	2016	1787412
8	Prof. Pabitra Chattopadhyay	Design and synthesis of new chromone based chemosensor for trace level determination of toxic ions (STP\S & T\15G-\2014)	WBDST	3 Years	2016	1176000
9	Prof. Sumanta Bhattacharya	Photophysical insight on Fullerene-Porphyrazine-Quantum dot interaction in solution at ground and excited states	DST, SERB	3 Years	2016	2617240
10	Prof. Sumanta Bhattacharya	Design and photophysical characterization of artificial photosynthetic systems consisting functionalized fullerenes and porphyrinoids clicked through non-covalent approach	WBDST	3 Years	2016	1053000
11	Prof. Bimalendu Ray / Prof. Pabitra Chattopadhyay	CAS-II (Chemistry)	UGC	5 Years	2016	23000000
12	Prof. Arijit Ghosal	DST, PURSE-II (All 13 PG Departments under the Faculty Council of Science)	DST, Govt. of India	4 Years 6 months	2017	71000000
13	Dr. Subodh Chandra Pal	"Soil Loss Estimation ... GIS Technique"; Sanction No. NRDMS/ 01/ 143/ 016 (G) dt 07/07/2017	DST (GoI)	2 Years	2017	1070250
14	Dr. Arindam Gupta	"Development of Effective ... real life problem in India", EMR/ 2016/ 001320 dt. 23/03/2017	SERB-DST	3 Years	2017	1339040
15	Dr. Sujit Roy	"Understanding the adaptive ... to UV-B irradiation", ECR/2016/000539 dt 16.01.2017	SERB-DST	3 Years	2017	3276900
16	Dr. Anirban Ash	Metazoan parasites (endo-helminths) of freshwater fishes Eastern India: Survey of species, their host specificity and phylogenetic relationship	UGC START UP	2 Years	2017	1000000
17	Dr. Paramita Mandal	Identification of novel genetic and epigenetic regulators of aplastic anaemia	DBT-BIOCARE	3.5 Years	2017	2688000
18	Prof. Soumendranath Chatterjee	Inventorization of Sacred Grove in Burdwan District of West Bengal	WBBB	2 Years	2017	200000

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19	Dr. Sumit Kumar Hira	Toll-like receptor agonists and dendritic cell combination immunotherapy in experimental murine lymphoma	UGC-BRS	2 Years	2017	1000000
20	Dr Somasri Dam	Molecular and functional characterization of Aurora Kinase from human pathogen Entamoeba histolytica	CSIR	3.5 Years	2017	2120000
21	Dr Sudipto Mandal	Modelling of greenhouse gas emissions from paddy fields through conventional, system of rice intensification and zero tillage practices in Burdwan district, West Bengal, India	DST-SERB	3 Years	2017	3810000
22	Principal investigator -Professor Srimanta Gupta & Co-PI- Professor R. N. Saha(NIT Durgapur)	Spatial distribution of uranium in three district (south 24 Parganas, PurbaMedinipur, and Paschim Medinipur) of West Bengal	BRNS-DAE	3 Years	2017	2751800
23	Prof. Arpita Chattaraj (Mukhopadhyay)	Major Research Project	ICSSR	2 Years	2017	800000
24	Dr. Ujjwal Mandal	Understanding the Photophysical Properties of Carbon Quantum Dots in Organized Assemblies	UGC	2 Years	2017	800000
25	Prof. Soumen Bhattacharjee	Screening Amaranths commonly cultivated in Gangetic West Bengal for their Photochemicals having Antioxidant properties and stress tolerance attributes	WB-DSTBT	3 Years	2017	1676000
26	Prof. Abhigyan Dutta	Structural and charge carrier dynamics study of heavy metal oxide based nanostructures for futuristic electrolyte application in SofC	SERB-DST	3 Years	2017	2173815
27	Dr Amitava Choudhuri	A symmetry-based analysis and investigation of solutions to certain cosmological problems	UGC	2 Years + 1 Year extension	2017	600000
28	Dr Anindya Bose	"Studies on PVT capabilities ... GNSS Infrastructure"; Sanction No. NGP-28, dt 23/01/2017	ISRO	3 Years	2017	742000
29	Dr Anindya Bose	AICTE sponsored project under Research Promotion Scheme (RPS) "Development of Cost Effective, Compact GNSS receiver for sub meter Accuracy using Low-cost hardware and Open Source GNSS package for location based Application Development"	AICTE	3 Years	2017	2231315
30	Dr. Naba Kumar Mondal	"Green synthesis ... eradication of mosquito"; Sanction No. 953 (sanc)/ ST/P/S&T/ 15G-10/ 2015	DST (GOWB)	3 Years	2017	1220000
31	Prof. Ashok Kumar Bhunia	FIST, Mathematics	DST, Govt. of India	5 Years	2018	5400000
32	Dr. Anirban Ash	Diversity, distribution and novelty of helminths and their fish hosts in West Bengal: Applying the tools of molecular systematics	WBDST	5 Years	2018	2490000

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33	Dr. Paramita Mandal	Characterization of minor capsid protein L2 and non coding region 2 of HPV16 in cervical cancer pathogenesis harboring episomal viral genomes	DST-SERB	3 Years	2018	4160000
34	Prof. Koushik Ghosh	Farm-made aquafeeds using non-conventional plant feedstuffs: nutrient evaluation & bio-processing for formulation of carp diets	DHESTBT, Govt. of West Bengal	3 Years	2018	1597000
35	Prof. Anupam Basu	Study on the role of TLR4 signalling in breast cancer progression	DBT	3 Years	2018	8130000
36	Prof. Anupam Basu	Development of field based rapid hemoglobinopathy - Thalassemia carrier screening kit	BIRAC	3 Years 6 Months	2018	3509000
37	Prof. Anupam Basu	A Genetic Algorithm-Based Targeted Approach for Understanding the Phenotypic Heterogeneity of Thalassemia Syndromes in Northern and Eastern Indian Population. [A – Multicentre project participated by PGIMER, Chandigarh & The University of Burdwan, Burdwan; Coordinating centre – The University of Burdwan]	DBT	3 Years	2018	12200000
38	Dr. Sumit Kumar Hira	Targeting molecular Cross-talk between Dendritic cell and NK cell in tumor microenvironment to promote cancer immunity: Role of TLR agonist	DST-SERB	3 Years	2018	4500000
39	Dr. Sumit Kumar Hira	Mesoporous silica based micro/nano materials for Targeted Drug Delivery: Implications in drug resistant cancer cell lines	DHESTB, Govt. of WB	3 Years	2018	1999000
40	Prof. Anandamay Barik	Development of baited trap to control the aphid, Aphis craccivora (Koch) (Hemiptera: Aphididae) on Lathyrus sativus L. plants and evaluation of transgenic L. sativus plants against this aphid.	DST-SERB	3 Years	2018	4036000
41	Prof.ArijitGhoshal	Theoretical studies on bound and resonance state of positronic atoms embedded in plasma	DST-SERB	3 Years	2018	975813
42	Dr. Ritabrata Biswas	Modern day universe with late time acceleration: Effect on several astrophysical phenomena	WBDST	3 Years	2018	1589690
43	Prof. Namita Chakma	Major research project entitled Responses of Indigenous Communities in the Changing Climate on Life and Livelihoods in Rural West Sikkim	ICSSR	2 Years	2018	950000
44	Principal investigator-Dr A. K. Batbayan (CSIR-Central Mechanical Engineering Research Instituted) & Co-PI- Professor Srimanta Gupta	R&D project entitled-safe disposal of fluoride rich sludge through encapsulation in cement stabilized blocks using the low cost geomaterials.	DHESTB	2 Years	2018	1943600

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45	Principal investigator -Professor Srimanta Gupta & Co-PI- Professor R. N. Saha(NIT Durgapur)	Environmental geochemistry and water water quality modeling of sahib Bandh lake, Purulia, West Bengal: An approach towards lake restoration	DHESTB	2 Years	2018	598500
46	Prof. Nandini Bhattacharya	UGC DRS-II programme (F.5-22/DRS-II/2018(SAP-III) (English & Cultural Studies)	UGC	5 Years	2018	2800000
47	Dr. Sayani Ray	Generation, chemical modifications and molecular structures of polysaccharide-based antiviral compounds from natural sources	UGC	2 Years	2018	1000000
48	Prof. Jai PrakashKeshri	Investigations on the Phytoplankton Diversity of the Freshwater Habitats of Odisha and West Bengal	MoEF, Government of India	3 Years	2018	3233000
49	Prof. Jai PrakashKeshri	Assessment of the protein& lipid profiles of commonly occurring algal biomass in south bengal for its commercial potentials	WB-DSTBT	3 Years	2018	1790800
50	Prof. Jai PrakashKeshri	Investigations on the Algal biodiversity of Himalayan districts of West Bengal	WB-DSTBT	3 Years	2018	752000
51	Prof. Rajib Bandopadhyay	Complete characterization of arsenic removal bacteria Brevundimonasaurantiaca PFAB1 for bioremediation from Burdwan district through molecular biology and bioinformatics approaches	WBDST	3 Years	2018	1499800
52	Dr. Asok Ghosh	Phytochemical screening of some of members of Cyperaceae with special reference to Carex for Taxonomic and Pharmacological purpose	WBDST	3 Years	2018	1199633
53	Prof. Tushar Kanti Maiti	Study of heavy metal resistant plant growth promoting rhizobacteria (PGPR) isolated from the industrial belt of Burdwan district, West Bengal and their characterization for bioremediation and agricultural application	CSIR	3 Years	2018	2167000
54	Dr. Indrani Chandra	Cultivation of disease free Fragaria Vesca through plant tissue culture and study of its bioactive compounds	WBDST	3 Years	2018	1499000
55	Prof. PABITRA CHAKRABORTI	CAS-II, Physics	UGC	5 Years	2018	29540000
56	Prof. PABITRA CHAKRABORTI	Investigations of microwave absorption properties of some magnetic nanoparticles encapsulated in multi-walled carbon nano-tubes and/or graphene	SERB	3 Years	2018	5534717
57	Prof. PABITRA CHAKRABORTI	"Investigations of microwave absorption properties of some magnetic nanoparticles encapsulated in multi-walled carbon nanotube and/or graphene"	WB-DST	3 Years	2018	1100000

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58	Dr ANALABHA ROY	Evolution and correction of quantum errors in nonequilibrium many body systems.	UGC	2 Years	2018	800000
59	Dr ANALABHA ROY	Nonequilibrium Dynamics of Driven Quantum Many Body Systems	SERB (TAR)	3 Years 6 Months	2018	825000
60	Dr. Srimanta Gupta	Environmental geochemistry and water quality modeling of sahib Bandh lake, Purulia, West Bengal: An approach towards lake restoration	WB-DST	2 Years	2018	599000
61	Dr. Naba Kumar Mondal	Spatial distribution of uranium in the ground water of four districts of West Bengal	DAE-BRNS	3 Years	2018	3169750
62	Dr. Srimanta Gupta	Spatial distribution of uranium in three district (south 24 Parganas, Purba Medinipur, and Paschim Medinipur) of West Bengal	DAE-BRNS	2 Years	2018	2576900
63	Dr. REETA SINHA	Samkalin Katha-Sahitya Mein Parivartit Shahari Chetana Ka Samajshastriy a Mulyankan	ICSSR-IMPRESS	2 Years	2018	400000
64	Dr. Arindam Roy	Criticality of Socio Cultural factors in Public Policy Making: A Study of Reproductive Health Care In Rural West Bengal	ICSSR-IMPRESS	2 Years	2019	682500
65	Prof. Soumendranath Chatterjee	Breeding habitat characterization of filarial vector Culex quinquefasciatus in the coastal areas of Digha and its bio-environmental management	WBDST	3 Years	2019	1400000
66	Prof. Abhijit Mazumdar/ Prof. Niladri Hazra	Elucidating The Species Complex of Biting Midges Culicoides Latreille (Diptera : Ceratopogonidae) of Veterinary Importance Using Integrative Taxonomy	DST-SERB	3 Years	2019	4031000
67	Prof. Koushik Ghosh, Co-PI: Somasri Dam	Prebiotic feed supplement for growth improvement of indian major carps, labeo rohita, cirrhinus mrigala and catla catla under composite culture system: a gut microbiome and nutrigenomics based approach	DBT, Ministry of Science & Technology, Govt. of India	3 Years	2019	3626000
68	Dr Subhajit Karmakar	Design of a low cost photoacoustic system using high power LEDs and LASER diodes for hematocrit estimation as well as soft tissue imaging	WB-DST	3 Years	2019	1671409
69	Dr. Anil Kumar Biswas	IMPRESS	ICSSR	2 Years	2019	700000
70	Dr. Brojeswar Pal	Start-up-Grant	UGC-BSR	2 Years	2019	800000
71	Dr. Ali Akbar Shaikh	Start-up-Grant	UGC-BSR	2 Years	2019	800000
72	Prof. Asoke Kumar Bhunia	Studies of non-traditional optimization techniques and applications in crisp and interval environment	WBDSTBT	3 Years	2019	264400
73	DR. Reeta Sinha	SAMKALEEN KATHA SAHITYA MEIN PARIVARTIT SAHARI CHETANA KA SAMAJSHASTRIYMULYAANKAN	ICSSR	1 Year	2019	400000

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74	Dr Sudipto Mandal	Structurally dynamic model of greenhouse gas emission and carbon sequestration in Sundarban mangrove ecosystem, India	DST-SERB	3 Years	2019	3760000
75	Dr. JHILAM RAY	Internal Migration and inclusive development : Micro Issues & Macro Dimensions	ICSSR	2 Years	2019	600000
76	Prof. Arindam Das	Evaluation of Service Quality in Digital Banking Services: A Study in Western Part of West Bengal	ICSSR	2 Years	2019	735000
77	Prof. Arindam Laha	The State of Digital Economy in West Bengal: Is there any Role of Digital and Financial Literacy?	ICSSR	2 Years	2019	250000
78	Dr. Ujjwal Mandal	Study the Effect of Quantum Dots on the Protein Folding-Unfolding Pathways Using Single Molecule Spectroscopy	DST-SERB	3 Years	2019	2182000
79	Prof. Debasis Das	Fluorescence and colorimetric recognition of some lanthanides and actinides using several new probes	BRNS-DAE	3 Years	2019	3438350
80	Dr. Inul Ansary	Synthesis, molecular docking, and biological studies of indole/ coumarin/ quinolone/ uracil fused nitrogen and oxygen heterocycles	WB DST & BT	3 Years	2019	305000
81	Prof. Abhijit Bandyopadhyay	An approach to increase biomass & productivity of steviol glycosides in Stevia rebaudiana through application of PGPR for agricultural applications	WB-DSTBT	3 Years	2019	1400000
82	Prof. Sikha Dutta	Study of endophytic fungi from the medicinal plant Plumbagozeylanica Linn. intended for synthesis of potentially active silver nanoparticles with enhancement of secondary metabolite production	WB-DSTBT	3 Years	2019	1500000
83	Dr. Sujit Roy	Maintenance of genome integrity for seed longevity and germination – study of importance of DNA double strand break repair mechanism in the model system Arabidopsis thaliana in relation to seed storage and crop improvement	WB-DSTBT	3 Years	2019	1180000
84	Prof. Sikha Dutta	FIST, Botany	DST, Govt. of India	5 Years	2019	10840000
85	Prof. Udit Chatterjee	FIST, Physics	DST, Govt. of India	5 Years	2019	37400000
86	Prof. PABITRA CHAKRABORTI	Studies of magnetic behavior of some nanocrystalline multiferroics/ferrites incorporated in different non-magnetic matrices	UGC-DAE-CSR(I)	3 Years	2019	135000
87	Prof. ANALABHA ROY	Universality in the Nonequilibrium Dynamics of Nonintegrable Spin Systems	SERB (CRG)	3 Years	2019	3474476
88	Dr. APURBA RATAN GHOSH	Bioremediation of polycyclic aromatic hydrocarbons (PAHs) contamination at Digha coastal water (West Bengal)	WB-DST	3 Years	2019	1111000

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89	Dr. NABA KUMAR MONDAL	Interference of vehicle noise in teaching-learning process and development of strategies for abatement of classroom noise	ICSSR IMPRESS	2 Years	2019	900000
90	Dr. APURBA RATAN GHOSH	Evaluation of available trace elements and methane emission from OCP at Raniganj-Asansol coal field areas, Paschim Bardhaman	UGC-DAE-CSR(I)	3 Years	2019	679000
91	Dr. RAJESH DAS	Health Awareness Among Schedule Caste Community In Rural Bengal : An Analysis Of Television Coverage	ICSSR IMPRESS	2 Years	2019	800000
92	Dr. Sumit Kumar Hira	Influence of Melatonin on the immunobiology of Dendritic Cell: Role of Innate Immune signals	DST-SERB	3 Years	2020	5285000
93	Dr. Arindam Roy	IMPRESS	ICSSR	2 Years	2020	650000
94	Economics	Contemporary Issues in Development	DRS-SAP(II)	5 Years	2020	9700000
95	Prof. Sourangshu Mukhopadhyay	MODROB-Rural	AICTE	2 Years 6 months	2020	1783000
96	Prof. TANMOY BANERJEE	Nonequilibrium dynamics ... systems	SERB	3 Years	2020	1034000
97	Dr. ANINDYA BOSE	Applicability of Compact GNSS Modules in Real Time improvement of Position Accuracy for Test Range Applications	DRDO	1 Year 6 Months	2020	996400
98	Prof. Naba Kumar Mondal	Vulnerability of tribal women affected from dual effects of biomass and tobacco smoke: A biomarker based cross-sectional study	DST-SERB	3 Years	2020	3026120
99	Dr. Anindya Biswas	Understanding the role of Type VI Secretion System (T6SS) of Xanthomonas oryzae pv. oryzae in its virulence and environmental fitness. (DST/INSPIRE/04/2019/001738)	DST-INSPIRE	5 Years	2020	3500000
100	Dr. Ananda Mohan Kar	Challenges to Scalability: A Comparative Study of selected women led MSMEs of West Bengal, Odisha and Bihar	National Commission for Women	1 Year	2021	1880000
101	Prof. Naba Kumar Mondal	Interference of vehicle noise in teaching-learning process and development of strategies for abatement of classroom noise	Indian Council of Social Science Research (ICSSR)	2 Years	2021	900000
102	Professor Srimanta Gupta	Qualitative estimation of subsurface water flow and identification of contaminant mobilization in mining areas using nanomaterials as tracers	DST (Gol)	3 Years	2021	715975
103	Prof. Sumanta Bhattacharya	Modulating the photophysical characteristics in fulleropyrrolidine-porphyrin interactions for mimicking artificial photoinduced energy and electron transfer process	CSIR	3 Years	2021	733000

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104	Dr. Sayani Ray	Exploiting the amazing diversity of natural source –derived polysaccharides as antiviral agents: Chemical engineering, purification, and chemical characterization	UGC	3 Years	2021	800000
105	Prof. Soumen Bhattacharjee	Modeling redox landscape and identification of candidate hub genes regulating drought stress induced physiology of flag leaves and kernel aroma quality (2-acetyl-1- pyrroline) in indigenous aromatic rice cultivars of Rarh West Bengal	DST-SERB	3 Years	2021	4896000
106	Dr. Sujit Roy	Understanding the role of Arabidopsis RAD21.3, a yeast orthologue of sister chromatid cohesion 1 protein in chromatid cohesion and homologous recombination mediated DNA damage repair for maintaining genome stability	DST-SERB	3 Years	2021	4127332
107	Dr. ANINDYA BOSE	Smart and precision agriculture for potato cultivation in West Bengal: An Information and Communication Technology (ICT) based effort	SERB (CRG)	3 Years	2021	2658832
108	Dr. Anirban Ash	Diversity, distribution and novelty of Raphidascaris species (Nematoda:Raphidascarididae) in West Bengal	LinnéSys: Systematics Research Fund 2022 (UK)	1 Year	2022	92000
109	Prof. Sanjoy Podder	Assessing the role of ALOX5,CYSLTR1,PTGS2 and TBXA2R genespolymorphism in aeroallergen induced asthmatics of West Bengal, India	DST-SERB	3 Years	2022	4466257
110	Dr. Arup Mistri	Sanc. No. TAR/ 2022/ 000560 dt 29.11.2022	SERB (TAR)	3 Years	2022	1830000
111	Prof. Apurba Ratan Ghosh	Evaluation of available trace elements and methane emission from OCP at Raniganj Asansol Coal field areas, Paschim Bardhaman	UGC-DAE-CSR, Kolkata Centre	3 Years	2022	1080800
112	Dr. Anindya Bose	Development of Low-cost GNSS RTK Base for Precise Geolocation and Handheld Precise Geolocation Enabled Multi Sensor Rover System HGS	National Geospatial Programme, DST, Gol	2 Years	2022	2031000
113	Prof. TANMOY BANERJEE	Nonlinear dynamics in the quantum regime: Synchrony, broken symmetry and entanglement	DST-SERB (Gol)	3 Years	2022	660000
114	Dr. Sumit Kumar Hira	Targeting molecular cross talk between dendritic cell and NK cell in tumor micro environment to promote cancer immunity. role of TLR agonistSanc. No. EEQ/ 2021/000594 dt. 2/3/2022	SERB (EEQ)	3 Years	2022	4531780
115	Prof. Apurba Ratan Ghosh	Bioremediation of polycyclic aromatic hydrocarbons (PAHs)-contamination at Digha Coastal Water (West Bengal)	GoWB DST & Biotechnology	4 Years	2023	916300

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116	Prof. Naba Kumar Mondal	Vulnerability of tribal women affected from dual effects of biomass and tobacco smoke: A biomarker based cross-sectional study	DST-SERB	3 Years	2023	3026120
117	Prof. Naba Kumar Mondal	Development of nano-weapons from waste plastics and its efficacy against mosquito vector	DST-SERB	3 Years	2022	3544332
118	Prof. Manidipa Dasgupta	Does Dindayal Antodaya Yojana-NRLM (DAYLM) make sustainable livelihood promotion of tribes? An Investigation in Jangalmahal, West Bengal	ICSSR	5 months	2023	500000
119	Prof. Pabitra Chattopadhyay	synthesis and applicative aspect of donor acceptor stenhouse adduct and encapsulations of the unstable adduct inside confined molecular space	CSIR	3 years	2023	900000
120	Dr. Sujit Roy	Study of the genotoxic and cytotoxic activity of copper (II)-based small metal complexes for understanding their putative therapeutic potentials by using Arabidopsis thaliana as plant-based screening system	CSIR	3 Years	2023	3400000
121	Dr. Sujit Roy (Mentor)	DST Women Scientist	DST	3 Years	2023	1864907
122	Dr. Suvro Chatterjee	Decoding the role of the transcription factor, Sterol Regulatory Element Binding Protein during hepatic stellate cell activation	ICMR	3 Years	2023	3400000
123	Dr. Anindya Bose	A study on the applicability of IRNSS/ NavIC time for Test Range applications through IRIG-B signal generation	Integrated Test Range (ITR), Defense Research and Development Organization (DRDO), Chandipur	1.5 Years	2023	998000
124	Dr. Anindya Bose	Tertiary Education Trust Fund, Nigeria	Govt. of Nigeria	1 Year	2023	532801
125	Dr. Anindya Bose	A study on ... IRIG-B signal generation	DRDO	3 Years	2023	300000
126	Dr. Subhasis Das	"Genetation of tunable mid-IR ... Oscillators"; DST/ INT/ DAAD/P-01/ 2023 9G) dt. 20.10.23	DST (GOI)	2 Years	2023	1240000
127	Dr. Arijit Ghoshal	CRG/ 2022/ 005219 (C&G) dt 10.03.2023 Resonance states in electron/positron-hydrogenic systems embedded in dense plasmass	SERB	3 Years	2023	951500
128	Dr. Subhankar Dolai	unveiling the role of SNAREs and autophagy in macrophage phagosome maturations: implications in the pathogenesis of leishmaniasisSUR/ 2022/ 001269 dt. 25/09/2023	SERB	3 Years	2023	2617240

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129	Dr. Subhajit Saha	Endocrine, neurotoxicity and oxidative stress effects of nano-pesticides on freshwater aquatic vertebrates (<i>Clarias batrachus</i>) and invertebrates (<i>Branchiura sowerbyi</i> and <i>Bellamya bengalensis</i>)	DST-SERB	3 Years	2024	2214870
130	Prof. Soumen Bhattacharjee	Fingerprinting bioactive polyphenolic compounds and peptides rom some advanced accessions of <i>Amaranthushypochondriacus</i> L. and exploring their anti-degenerative medicinal properties for utilization in crop diversification program in West Bengal	WB-DSTBT	3 Years	2024	2689800
131	Dr. Anandamay Barik	"Deciphering the code ... <i>Aulacophora lewisii</i> "; CRG/ 2023/ 000736 dt 5/3/24	SERB	3 Years	2024	4559280
132	Dr. Saikat Naskar	"Study of the functional Reails ... saline soil"; 310 (sanc)/ STB-11012 (11)/ 4/ 2024-ST-SEC dt 19.06.2024	WB-DST	3 Years	2024	1075000