

Sl No	Title of the Project	Principal Investigator	Agency Type	Sponsoring Agency	Project Start Date	Project Closed Date	Sanctioned Amount	Dept.	Remarks
1	J.C. Bose Fellowship	Prof. Sushanta Dattagupta	National	DST	01 May 2007	01 July 2012	5,305,000	DPS	Close
2	Physics Beyond Standard Model in Collider Experiments	Prof. Amitava Datta	National	DST	23 August 2005	22 August 2008	1,322,160	DPS	Close
3	Synthesis of Nanocomposite Materials for Application of High Performance Permanent Magnets	Dr. Ratnesh Gupta	National	DST	29 September 2008	31 May 2010	339,150	DPS	Close
4	Ramanujan Fellowship	Prof. Dibyendu Nandi	National	DST	01 August 2009	31 July 2014	7,406,667	DPS	Close
5	Electrical conductivity measurements of silicate minerals and transition metal oxides at high pressures and temperatures and its implications	Dr. Goutam Dev Mukherjee	National	DST	21 April 2010	20 April 2013	2,881,000	DPS	Close
6	Linear and nonlinear optical study of Er-doped ZnO nanocrystals and thinfilms	Dr. Bipul Pal	National	INSA	10 May 2010	31 March 2014	150,000	DPS	Close
7	Ramanujan Fellowship	Dr. Siddhartha Lal	National	DST	20 October 2010	19 October 2015	8,175,000	DPS	Close
8	Consultancy work with GE Global Research, Bangalore	Prof. Nirmalya Ghosh	N-Const	GE Global Research, Bangalore			100,000	DPS	Close
9	Study of electronic structure of strongly correlated systems by X-ray Emission Spectroscopy	Dr. Satyabrata Raj	National	SERB	25 May 2012	24 May 2015	2,424,000	DPS	Close
10	Time resolved nonlinear optical spectroscopy in transition-metal-doped ZnO nanoparticles and thinfilms	Dr. Bipul Pal	National	SERB	28 May 2012	27 May 2015	1,944,000	DPS	Close
11	Visual influences on taste and understanding the neural mechanisms on cross-modal information integration (WOS-A)	Dr. Pei liang	National	DST	01 June 2013	31 May 2016	2,120,000	DPS	Close
12	Exploring novel concepts in spintronics with organic materials: Generation, detection and manipulation of pure spin currents using completely electrical scheme	Dr. Partha Mitra	National	SERB	11 July 2013	10 July 2016	2,300,000	DPS	Close

13	Development of Novel Velocity Map Imaging Technique For the Study of Molecular Dynamics	Prof. Dibyendu Nandi	National	INSA	13 August 2013	12 August 2016	1,500,000	DPS	Close
14	Mueller matrix polarimetry for biological tissue characterization	Prof. Nirmalya Ghosh	National	BRNS DAE	14 July 2014	13 July 2017	2,080,300	DPS	Close
15	Computational Biology of Riboswitches; Pattern Detection and Comparative genomics under India Israel Programme	Dr. Supratim Sengupta	National	UGC	5 December 2014	31 December 2017	3,108,690	DPS	Close
16	Theoretical study of the dynamics and mechanosensitivity of cell adhesion under time varying stretch	Dr. Rumi De	National	SERB	30 March 2015	29 March 2018	2,186,800	DPS	Close
17	Study of molecular dynamics in the low-energy electron collisions with jet-cooled molecules	Prof. Dibyendu Nandi	National	SERB	09 September 2015	08 September 2018	4,947,000	DPS	Close
18	J C Bose Fellowship	Prof. Soumitro Banerjee	National	SERB	7 January 2016	6 January 2021	8,960,000	DPS	Close
19	Studies of Spin Orbit Interaction of Light in Optical Tweezers	Dr. Ayan Banerjee	National	SERB	06 August 2018	05 February 2022	4,097,500	DPS	Close
20	Entanglement Dynamics and Quantum Information Processing in Spin Systems	Prof. Chiranjib Mitra	National	SERB	24 September 2018	23 September 2021	4,947,085	DPS	Close
21	Study of Black hole thermodynamics in modified and quantum theories of gravity	Dr. Bhramar Chatterjee	National	DST	28 September 2018	27 September 2021	2,401,500	DPS	Close
22	The Role of polarization observables at LHC/ILC and search for exotic long-lived colored scalars at LHC	Dr. Ritesh Kumar Singh	National	SERB	26 October 2018	25 October 2021	2,459,600	DPS	Close
23	Development of diverse lab-on-a-chip platform for plastic electronics, microcatalysis and biosensing applications using microlithography by directed self-assembly driven by laser induced microbubbles	Dr. Ayan Banerjee	National	SERB	15 January 2019	14 January 2022	10,061,704	DPS	Close
24	Perovskite Oxide Nanoparticle Catalyzed Overall Water Splitting Driven by Perovskite Solar Cells	Dr. Sayan Bhattacharyya	National	SERB	26 December 2016	25 December 2019	6,583,280	CAFM	Close

25	Effect of Ion Specificity of Nano-Structuring in Ion-containing Polymer Systems Caused by ION Association in Organic and Aqueous Media: Complex Experimental and Theoretical Study	Prof. Priyadarsi de	International	DST-RFBR	05 February 2019	04 February 2021	3,052,720	CAFM	Close
26	Monitoring Tiger Habitat Productivity in Sundarbans Biosphere Reserve Using Biological Indicators for Informed Decision Making by Protected Area Mangers	Prof. Punyasloke Bhadury	National	WWF INDIA	23 April 2019	22 April 2020	1,012,000	CCES	Close
27	US Asian Office of Aerospace Research and Development	Prof. Dibyendu Nandi	International	US AOARD	2013	2014	1,595,069	CESSI	CLOSE
28	Advanced Computational Models to Facilitate Solar Activity and Space Weather Predictions	Prof. Dibyendu Nandi	International	IFCPAR	1 January 2015	31 December 2018	4,910,361	CESSI	CLOSE
29	Physical properties of elemental solids, their compounds and oxides, and mineral phases at extreme conditions of pressure and temperature: an experimental and theoretical study	Dr. Goutam Dev Mukherjee	National	MoES	13 July 2011	31 July 2018	61,427,200	NCHPS	Close
30	Synthesis of Glactosehetero Cycle (Indo-Swedish)	Prof. Balaram Mukhopadhyay	International	Lund University	01 January 2008		1,196,780	DCS	Close
31	Cyclic Oligomers and Cooligomers of Thiophene and Selenophene : New types of Electronic Materials	Prof. Sanjio S. Zade	National	DST	07 January 2008	06 January 2011	2,040,000	DCS	Close
32	Synthesis of Biologically active Resin Glycosides and evaluation of their anti cancer properties	Prof. Balaram Mukhopadhyay	National	DST	13 October 2006	12 October 2009	1,524,000	DCS	Close
33	New Podand Type Ligands : Their Ionic and Molecular recognition properties	Dr. Snigdha Panda	National	DST	11 March 2008	10 March 2011	1,860,000	DCS	Close
34	Physicochemical characterization of guest molecule induced cyclodextrin nanotabular suprastructures	Prof. Pradipta Purkayastha	National	CSIR	15 January 2009	14 January 2012	1,032,000	DCS	Close
35	Turn on sensors for arsenic threats in drinking water	Prof. Raja Shunmugam	National	DST	24 November 2009	23 November 2012	1,350,000	DCS	Close
36	Synthesis of the oligosachharides related to the repeating units of the O-antigens from Shigella boydii Type-16 and Type-17 and futher vaccine designing	Prof. Balaram Mukhopadhyay	National	DST	04 January 2010	31 March 2013	2,265,000	DCS	Close
37	Pt-group metal complexes with substituted biopyridine : DNA-binding agents to sensing materials	Dr. Parna Gupta Bhattacharyya	National	DST	23 March 2010	22 March 2013	1,945,000	DCS	Close

38	A Diversity oriented synthetic approach toward functionalized thiazoles	Dr. Jyotirmayee Dash	National	DST	4/1/2010	3/31/2013	1,890,000	DCS	Close
39	Molecular recognition and self-assembly of chromophore based smart materials : A novel sensor	Dr. Debasish Halder	National	DST	13 April 2010	25 March 2013	1,986,000	DCS	Close
40	Crystal engineering of biotin (vitamin B7) co-crystals	Prof. C. Malla Reddy	National	DST	20 April 2010	19 April 2013	1,940,000	DCS	Close
41	Synthesis Hexasaccharide Repeating Unit of the O-Antigen from E. coli O35 and Tetrasaccharides related to the Capsular Polysaccharide Repeating Unit of Vibrio cholerae Serogroup O31 NRT36S	Prof. Balaram Mukhopadhyay	National	CSIR	14 July 2010	13 July 2013	1,000,000	DCS	Close
42	Ramanujan Fellowship	Prof. Raja Shunmugam	National	DST	14 July 2010	13 July 2015	7,645,000	DCS	Close
43	Design Synthesis and Structural Basis of G-quadruplex DNA Binding Small Molecules	Dr. Jyotirmayee Dash	National	CSIR	7/14/2010	7/13/2013	975,000	DCS	Close
44	Design and Synthesis of Green Catalysts for Hydromineral Reactions	Prof. Swadhin K. Mandal	National	CSIR	23 July 2010	22 July 2013	1,376,752	DCS	Close
45	Computational study of diffusion in nanoporous media and in liquids	Dr. Pradip Kumar Ghorai	National	DST	26 July 2010	25 July 2013	1,855,000	DCS	Close
46	Theoretical and computational study of opto-electronic and charge transport properties in quantum systems	Dr. Mousumi Das	National	DST	18 August 2010	17 August 2013	1,943,000	DCS	Close
47	Development of Cyclopenta [c] heterol-based Conjugated Systems for Dye-Sensitized Solar Cells (DSSCs)	Prof. Sanjio S. Zade	National	DST	18 October 2010	17 October 2013	3,129,600	DCS	Close
48	Fluorometric sensor for cadmium in drinking water	Prof. Raja Shunmugam	National	DST	04 January 2011	03 June 2013	4,606,400	DCS	Close
49	Metal complexes of nitrogen mustard derivatives as nucleases and anticancer agents	Prof. Arindam Mukherjee	National	DST	23 February 2011	22 February 2014	2,567,000	DCS	Close
50	Template-assisted synthetic methods to develop new luminescent nanoarchitectures and their applications	Prof. Venkataramanan Mahalingam	National	DST	09 March 2011	08 March 2014	3,680,000	DCS	Close
51	Design and synthesis of amino acid based macromolecular architectures	Prof. Priyadarsi de	National	DST	18 March 2011	17 March 2014	4,147,000	DCS	Close
52	A New Density Functional Method for Static and Dynamic Properties of many-electron systems in cartesian grid	Prof. Amlan K Roy	National	CSIR	Feb'09		1,500,000	DCS	Close
53	Sensing of Chemical Warfare Agents With Naobornene Based Polymers	Prof. Raja Shunmugam	National	DRDO	01 May 2011	30 April 2014	1,747,000	DCS	Close

54	Peptide Based Self-Assembled Systems as Delivery Vehicles and Controlled Release	Dr. Debasish Halдар	National	CSIR	27 June 2011	26 June 2014	1,750,000	DCS	Close
55	Transition Metal Polynuclear Complexes of Multidentate N,O Donor and Redical Containing Ligands as Molecular Magnets	Prof. Arindam Mukherjee	National	CSIR	01 July 2011	30 June 2014	1,000,000	DCS	Close
56	Green Synthesis of Novel Degradable Polyperoxides	Prof. Priyadarsi de	National	CSIR	30 August 2011	29 August 2014	1,300,000	DCS	Close
57	Contractors for Acquisition of Research Services (CARS)	Prof. Raja Shunmugam	National	DRDO	23 September 2011	22 September 2012	950,000	DCS	Close
58	Development of photochromic molecules as molecular switches for potential application in logic devices with photonic inputs and outputs	Prof. Subhajit Bandyopadhyay	National	DST	07 October 2011	06 October 2014	3,090,000	DCS	Close
59	On development of thermo-resistant, high-stress and high-tensile strain resistant materials for safes	Dr. Soumyajit Roy	N-Const	Gunnebo India Private Limited	19 December 2011	18 December 2014	2,329,800	DCS	Close
60	Differential Recognition of G-Quadruplex DNA Binding Small Molecules Using Dynamic Combinatorial Chemistry	Dr. Jyotirmayee Dash	National	DBT	12/19/2011	12/18/2014	6,679,600	DCS	Close
61	Dynamics of water dissociation on metal surfaces and on nano-particles	Prof. Ashwani Kumar Tiwari	National	DST	29 December 2011	28 December 2014	1,345,000	DCS	Close
62	Ru (II) /Os (II)-sugar complexes as pet biosensors of lectins and potential therapeutics	Dr. Parna Gupta Bhattacharyya	National	CSIR	06 February 2012	05 February 2015	1,120,000	DCS	Close
63	Poly (Cyclopenta [c] Chalcogenophene) and Related Polymers : Synthesis and Applications in Bulk Heterojunction Organic Photovoltaic Devices	Prof. Sanjio S. Zade	National	DRDO	04 May 2012	03 May 2015	2,729,000	DCS	Close
64	Spectral and temporal fluorescence studies of red emitting dyes in tris (pentafluoroethyl) trrfluorophosphate (FAP) anion containing Imidazolium room temperature ionic liquids	Prof. Prasun K. Mandal	National	SERB	22 May 2012	21 May 2015	2,495,000	DCS	Close
65	Seleno and Telluro salen type ligands : Complexation with transition metals and study of the catalytic properties of the complexes	Dr. Snigdha Panda	National	SERB	23 May 2012	22 May 2015	2,680,000	DCS	Close
66	Understading The Mecanisms of important transition- metal catalyzed chemical transformations: A computational investigation	Prof. Debasis Koley	National	SERB	09 July 2012	08 July 2015	2,495,000	DCS	Close

67	Nanosystem based host-guest chemistry: Characterization using fluorescence spectroscopy	Prof. Pradipta Purkayastha	National	SERB	25 July 2012	24 July 2015	4,840,000	DCS	Close
68	Oxometalate based 'Reactor-on-A-Glass -Slide' (RAG) using Colloid and 'Opto-Chemistry'	Dr. Soumyajit Roy	National	SERB	21 August 2012	20 August 2015	2,084,600	DCS	Close
69	Polymer chains with inorganic nano objects	Prof. Priyadarsi de	National	DRDO	03 October 2012	02 October 2015	1,940,000	DCS	Close
70	Carbohydrate Chemistry: Application in Foods	Prof. Balaram Mukhopadhyay	N-Const	Unilever	27 December 2012	26 December 2013	1,043,150	DCS	Close
71	Photophysical & Photochemical Studies of UV-Absorbing Molecules	Prof. Pradipta Purkayastha	N-Const	Unilever	27 December 2012	26 December 2013	1,043,150	DCS	Close
72	Photostable Photochromatic UV-Responsive Molecules	Dr. Subhajit Bandyopadhyay	N-Const	Unilever	27 December 2012	26 December 2013	1,043,150	DCS	Close
73	Probing the Phenomenon of Interaction between Lipids and Surfactants Fluorescence Spectroscopy	Prof. Pradipta Purkayastha	National	CSIR	15 January 2013	14 January 2016	1,650,000	DCS	Close
74	Magnetic and Mössbauer Spectroscopic Studies Exchange Biased Nanostructures	Prof. Sayan Bhattacharyya	National	CSIR	15 January 2013	14 January 2016	1,692,000	DCS	Close
75	Development of Nano scale Conducting Polymers for Field Effect Transistor and Facility Set up at NPOL (CARS 2)	Prof. Raja Shunmugam	National	DRDO	04 February 2013	03 February 2014	960,000	DCS	Close
76	Invictus Oncology Private Limited	Prof. Swadhin K. Mandal	N-Const	Invictus Oncology	19 March 2013	18 March 2014	1,034,614	DCS	Close
77	Dynamic Assembly of Soft-oxometalates using Optochemistry	Dr. Soumyajit Roy	National	BRNS DAE	25 March 2013	21 March 2016	1,335,175	DCS	Close
78	New Conjugated Polymers for Polymer Solar Cells	Prof. Sanjio S. Zade	National	CSIR	12 April 2013	11 April 2016	1,670,000	DCS	Close
79	Glycosidase Mimics using General Acid-Base Catalysis and Catalysis by Metal Complexes	Prof. Subhajit Bandyopadhyay	National	CSIR	17 April 2013	12 January 2016	940,000	DCS	Close
80	Development of Synthetic Routes to make Water Dispersible Upconverting Nanocrystals and their Applications	Prof. Venkataramanan Mahalingam	National	CSIR	17 April 2013	31 August 2016	2,392,000	DCS	Close
81	Photonic and magnetic interactions of nanoparticles inside carbon nanotube channels	Prof. Sayan Bhattacharyya	National	SERB	17 June 2013	16 June 2016	4,074,600	DCS	Close
82	Abnormal N-heterocyclic carbene : Development of organometallic chemistry to design homogeneous catalysts	Prof. Swadhin K. Mandal	National	SERB	05 July 2013	04 July 2016	4,619,000	DCS	close

83	Development of graphene-polynorbornene novel composite material for aircraft applications	Dr. Madhumita Mukherjee	National	SERB	09 July 2013	08 January 2017	2,935,162	DCS	Close
84	Investigation of Molecular Mechanism for Solute Dynamics in Aqueous Micellar and Reverse Micellar Solutions Containing Ionic Liquid	Dr. Pradip Kumar Ghorai	National	CSIR	09 July 2013	08 July 2016	1,314,000	DCS	Close
85	Mechanistic investigation of plant growth stimulation by water soluble carbon nanotubes	Dr. Shweta Tripathi	National	SERB	01 June 2012	31 May 2015	1,486,874	DCS	Close
86	Design of Mechanochromic Luminescent Materials: Crystal Engineering	Prof. C. Malla Reddy	National	CSIR	10 July 2014	09 July 2017	2042000	DCS	Close
87	Computational investigation of Abnormal-N-Heterocyclic Carbene (aNHC) Mediated Cross- Coupling Reactions: The Nature and Role of the Catalytic Species Involved	Prof. Debasis Koley	National	CSIR	10 July 2014	09 July 2017	1396000	DCS	Close
88	Polymer Networks Assembled by Host-Guest Inclusion between Cyclodextrins and Amino Acid/ Peptide Substituents on the Polymer Side- Chain.	Prof. Priyadarsi de	National	BRNS DAE	07 August 2014	06 August 2017	1,845,950	DCS	Close
89	Theoretical investigation on designing novel conjugated system in solar cell application	Dr. Mousumi Das	National	SERB	08 August 2014	07 August 2017	2,165,000	DCS	Closure awaiting from PI
90	Development of cost effective catalysts with pincer carbene ligands	Prof. Swadhin K. Mandal	National	CSIR	09 July 2014	08 July 2017	600,000	DCS	Cancelled
91	US-India Collaborative Research to Decipher Function and Evolution of GABAergic Neurotransmission in Planaria	Prof. Priyadarsi de	International	National Science Foundation, USA	04 August 2014	31 August 2017	481,223	DCS	Close
92	Metal complexes of nitrogenmustards as anticancer agents- studying the influence of nutrient and enhanced selectivity in hypoxia	Prof. Arindam Mukherjee	National	SERB	21 October 2014	28 February 2018	5,315,200	DCS	Close
93	Synthesis of the oligosaccharides related to the repeating units of the o-antigens from E. coli 0158, 036 and 0174 and further vaccine designing	Prof. Balaram Mukhopadhyay	National	SERB	29 October 2014	28 October 2017	3,782,000	DCS	Close
94	NOVEL SUPRAMOLECULAR POLYMER AND RECEPTOR FROM ISOOROTIC ACID SEMICARBAZIDE WITH PEPTIDE SPACER	Dr. Debashish Halder	National	CSIR	25 February 2015	24 February 2018	900,000	DCS	Close

95	Spectroscopic Investigation of the Core-Shell and Ternary Quantum Dots for Quantum Dot Solar Cells	Prof. Sayan Bhattacharyya	National	India -Israel S&T Cooperation Programme	01 January 2015	30 June 2017	2,113,000	DCS	Close
96	NORBORNENE BASED MULTI-DRUG CONTAINING NANOCARRIER FOR EFFICIENT TUBERCULOSIS THERAPY	Prof. Raja Shunmugam	National	CSIR	07 March 2015	31 March 2018	600,000	DCS	Close
97	Development of detection for some pesticides in water samples	Prof. Subhajit Bandyopadhyay	National	DST UKIERI	27 May 2015	26 May 2017	924,000	DCS	Close
98	Norbornene Derived Doxorubicin Copolymers as Drug Carriers- An Unique Approach for the Site- specific Cancer Therapy	Prof. Raja Shunmugam	National	DBT	31 March 2015	30 March 2018	9,300,600	DCS	Close
99	Inspire Faculty Award	Dr. Subhas Samanta	National	DST	29 April 2015	28 April 2020	8,627,428	DCS	Close
100	Non-covalent interactions as instrument for control of water uptake and mechanical properties of side chain amino acid containing hydrogels: complex experimental and theoretical study	Prof. Priyadarsi de	National	DST RFBR (Indo Russian)	23 June 2015	22 June 2017	2,484,680	DCS	Close
101	Development of Norbornene based Polymers as multi- functional materials in the construction application	Prof. Raja Shunmugam	N-Const	ADD0 ADDITIVES MFG PVT. LTD.	1 July 2015	30 June 2020	5,606,500	DCS	Close
102	Computational Investigation of bi-metallic and tri- metallic complex mediated homogeneous catalysis	Prof. Debasis Koley	International	Technical University Kaiserslautern	05 August 2015	06 August 2018	708978.08	DCS	Close
103	Technical collaboration grant agreement executed between Invictus Oncology Private Limited	Prof. Swadhin K. Mandal	N-Const	Invictus Oncology Private Limited	1 April 2015	31 March 2019	18,292,326	DCS	CLOSE
104	Synthesis and Optical Properties of Small Molecular Weight Organic P- type Semiconductors	Dr. Ratheesh K Vijayaraghavan	National	SERB	26 November 2015	25 November 2018	2,300,000	DCS	Close
105	Single particle photoluminescence investigation of multichromophoric π -stacked aggregates	Dr. Debansu Chaudhuri	National	SERB	17 August 2015	16 August 2018	7,190,000	DCS	Close
106	Density functional theory of many-electron systems in Cartesian grid	Prof. Amlan K Roy	National	SERB	05 October 2015	21 April 2019	2,521,000	DCS	Close
107	Green Synthetic Routes to Develop Ultrasmall Luminescent Nanocrystals for Sensing Applications	Prof. Venkataramanan Mahalingam	National	SERB	05 October 2015	04 October 2018	3,540,000	DCS	Close
108	New Conjugated System for Organic Electronic Devices	Prof. Sanjio S. Zade	National	SERB	05 October 2015	04 October 2018	3,547,000	DCS	Close

109	Inspire Faculty Award	Dr. Pradip Kumar Tarafdar	National	DST	25 August 2014	24 August 2019	8,627,428	DCS	Close
110	Dynamics of Water Dissociation on Cu-Ni and Ag- Ni Alloy Surfaces	Prof. Ashwani Kumar Tiwari	National	SERB	01 April 2016	31 March 2019	4,576,000	DCS	Close
111	New Class of Biodegradable Polymer as Theranostic Agent for Multiple Tumors Using a Single Target	Prof. Raja Shunmugam	National	SERB	16 January 2016	15 January 2019	6,398,000	DCS	Close
112	Synthesis and characterization of carbon nanoparticle photoinduced transfer molecular devices	Prof. Pradipta Purkayastha	National	SERB	12 February 2016	11 February 2019	2,040,000	DCS	Close
113	Designing Mechanical Behaviour of Functional Organic Crystals, SwarnaJayanti Fellowship	Prof. C. Malla Reddy	National	SERB	2 March 2016	1 March 2021	24,121,200	DCS	Close
114	Ramanujan Fellowship	Dr. Sureshkumar Devarajulu	National	DST	8 February 2016	7 February 2021	8,900,000	DCS	Close
115	Characterization, population dynamics and management of Rhizoctonia in different cropping systems	Prof. Sayan Bhattacharyya	National	ICAR	19 February 2016	18 February 2018	1,170,000	DCS	Close
116	Synthesis, Photophysics and Ultrafast fluorescence dynamics of Fluorescent Protein Chromophore Analogues	Prof. Prasun K. Mandal	National	CSIR	6 July 2016	5 July 2019	1,696,000	DCS	Close
117	Development of novel stimuli-responsive gel forming polymers as non-aluminium antiperspirant	Prof. Priyadarsi De	N-Const	Unilever	29 October 2016	28 October 2019	3,933,075	DCS	Close
118	Transition Metal Catalyzed Transfer Hydrogenation and Metal- Organo Co-operative Catalysis: Versatile Routes to Valuable Molecular Scaffolds	Dr. Suman De Sarkar	National	SERB	14 July 2016	13 July 2019	3,240,000	DCS	Close
119	Inspire Faculty Award	Dr. Biplab Maji	National	SERB	16 August 2016	15 August 2021	3,500,000	DCS	Close
120	Polymerization induced Nanostructured materials from fatty acid based renewable resources	Prof. Priyadarsi De	National	CSIR	24 February 2017	23 February 2020	2,146,000	DCS	Close
121	Development of First- Row- Transition Metal Catalysts for Catalytic Asymmetric Reductive Functionalization Reactions	Dr. Biplab Maji	National	SERB	10 March 2017	9 March 2020	2,869,000	DCS	Close
122	Synthesis of Functionalized Lipids and Exploration of Proteins- Lipid Cross talk during Flavivirus Infection	Dr. Pradip Kumar Tarafdar	National	SERB	10 March 2017	9 March 2020	4,614,000	DCS	Close

123	Well- defined Amphiphilic Block Copolymers for Pharmaceutical Applications	Prof. Priyadarsi De	National	DST- International Division (India-Belarus Inter-Governmental)	24 March 2017	23 March 2020	1,903,500	DCS	Close
124	Inspire Faculty Award	Dr. Dibyendu Das	National	DST	22 May 2013	21 May 2018	8,300,000	DCS	Close
125	Amphiphilic Peptide Nanostructure for MoS2 exfoliation: Responsive Materials for Synergistic Chemotherapy and Photo-thermal Therapy	Dr. Dibyendu Das	N-Const	DBT	01 August 2016	31 July 2017	1,255,000	DCS	Close
126	Catalytic Asymmetric Fluorination/ Trifluoromethylation by C-H Activation	Dr. Sureshkumar Devarajulu	National	SERB	28 September 2017	27 September 2020	3,792,000	DCS	Close
127	Design of Host-Guest Supramolecular Polymers in Aqueous Media: Adaptive Materials with self-healing and Stimuli-responsive Properties	Dr. Supratim Banerjee	National	SERB	5 October 2017	4 January 2021	5,137,000	DCS	Close
128	Rational development of regioselective difunctionalizations of arenes using carboxylates as deciduous groups.	Prof. Debasis Koley	National	DST(International Bilateral Cooperation Division)	30 October 2017	31 October 2021	3,049,000	DCS	Close
129	Self-Propagating Minimal Catalysts: Functional Amyloid Nanostructures for Chemical Evolution	Dr. Dibyendu Das	National	DST-Nanomission	12 December 2017	11 December 2020	5,297,560	DCS	Close
130	Development of Fe(III)complexes of biuret based macrocyclic ligands: From catalysts for C-H activation to chemical probes for signal amplification in analyte detection	Dr. Sayam Sen Gupta	National	SERB	15 July 2015	14 July 2018	4926000	DCS	Close
131	Development of a smartphone app for low cost in-field monitoring of water quality via colour and turbidity analysis	Prof. Subhajit Bandyopadhyay	National	MHRD	22 January 2018	22 January 2022	3,484,800	DCS	Close
132	Bile Acid Containing Amino Acid Based Cationic Polymeric Architectures For Enhanced Actin Polymerization	Prof. Priyadarsi De	National	SERB	13 March 2018	12 March 2021	5,719,560	DCS	Close
133	Boron and Gadolinium Nanoparticles for Cancer Diagnosis and Therapy	Prof. Swadhin K. Mandal	National	DST-BRICS	21 March 2018	14 September 2021	3,613,712	DCS	Close
134	Metal complexes of β -Lactams: Investigation of the combination of cholesterol depletion and DNA cross-linking to develop new anticancer agents	Prof. Arindam Mukherjee	National	CSIR	21 May 2018	20 May 2021	875,000	DCS	Close

135	Metal complexes of ligands designed to act as antiangiogenic and antimetastatic agents against cancer: Synthesis, characterization, stability and cytotoxicity studies	Prof. Arindam Mukherjee	National	DST	21 May 2018	20 May 2021	6,100,000	DCS	Close
136	Study on Photoinduced Electron Transfer Between Pristine and Cyclodextrin Modified Carbon Dots and DNA Duplex	Prof. Pradipta Purkayastha	National	CSIR	01 May 2018	30 April 2021	5,83,333	DCS	Close
137	Development of Layered transition metal dichalcogenides for efficient energy storage: Synthesis and supercapacitor applications	Prof. Venkataramanan Mahalingam	National	DST	22 February 2018	21 February 2021	6,146,800	DCS	Close
138	Stabilizing Sensitive Organic and Catalysts in Solid State by Crystal Engineering Approach	Prof. C. Malla Reddy	National	SERB	24 September 2018	23 September 2021	4,290,000	DCS	Close
139	Bulk Synthesis & discovery of COF material with remarkable chemical stability for Methane Storage	Dr. Rahul Banerjee	National	GAIL	26 October 2018	31 March 2021	11,800,000	DCS	Close
140	Development of Fe-Complex for catalytic C-H Bond Hydroxylation in Natural products using only O ₂ as the oxidant	Dr. Sayam Sen Gupta	National	SERB	03 November 2018	02 November 2021	4,070,000	DCS	Close
141	Engineering Applications of Designer Nano Particle Assemblies	Dr. Sayam Sen Gupta	International	IUSTTF	15 April 2018	14 April 2020	4046599	DCS	Close
142	Dissipative Microphases Regulated by Emergence of Catalytic Behaviour in Supramolecular Peptide Assemblies	Dr. Dibyendu Das	National	SERB	10 December 2018	09 December 2021	4,906,704	DCS	Close
143	Synthesis of the oligosaccharides related to the o-antigens from E. coli O74,O145 and O156 with scope for Further Glycoconjugates and vaccine designing	Prof. Balaram Mukhopadhyay	National	SERB	19 December 2018	18 December 2021	3,734,500	DCS	Close
144	Studies on method to slow down the excited state dynamics of metal nanoclusters to enhance fluorescence quantum yield	Prof. Pradipta Purkayastha	National	SERB	30 March 2019	29 March 2022	2,918,695	DCS	Close
145	Liposomal drug/gene delivery systems for targeted cancer therapy and in vivo dendritic cell targeted DNA vaccination	Dr. Arbinda Chaudhuri	National	DAE	04 September 2018	03 September 2021	1,276,188	DCS	Close
146	Akamara Biomedicine Private Limited	Prof. Swadhin K. Mandal	National	Akamara Biomedicine Private Limited	01 June 2019	31 May 2021	3,520,500	DCS	Close
147	Chloride ion Scavenging macromolecules for wastewater treatment	Prof. Raja Shunmugam	National	Tata Steel	09 October 2019	08 October 2020	500,000	DCS	Close

148	Transition metal Mimicking catalysis through small molecular activation	Prof. Swadhin K. Mandal	National	SERB	30 March 2019	29 March 2022	7,905,000	DCS	Close
149	Activation of Molecular Hydrogen and Its Catalytic Transfer Using main Group Based Compounds	Prof. Swadhin K. Mandal	National	SERB	19 September 2018	18 September 2021	4,290,000	DCS	Close
150	Molecular calcium hydrides supported by indenyl and fluorenyl ligands with a pendant N-heterocyclic donor for the olefin hydrogenation catalysis	Dr. Debabrata Mukherjee	National	SERB	01 November 2019	31 October 2021	2,981,000	DCS	Close
151	Development of New Chemistry for Design and Synthesis of Robust Porous covalent Organic Framework Materials for the Application of Water Desalination and Gas Separations	Dr. Rahul Banerjee	International	King Abdullah University of Science and Technology	01 July 2019	30 June 2020	7,000,000	DCS	Close
152	FIST Program - 2015	Prof. Sayan Bhattacharyya	National	DCS-FIST	04 September 2015	21 February 2021	59,000,000	DCS	Close
153	Geodynamic Evolution of the Main Central Thrust Himalayas	Prof. Somnath Dasgupta	National	DST	27 June 2007	26 June 2010	1,164,000	DES	Close
154	Role of Phosphoinositides in intracellular protein transport of Giandia Lambhia	Dr. Srimonti Sarkar	National	CSIR	01 February 2008	31 January 2011	1,550,000	DBS	Close
155	J C Bose Fellowship	Prof. Somnath Dasgupta	National	DST	7/2/2007	01/07/2017	12,110,000	DES	Close
156	Establishment of Electron Probe Micro analyzer (EPMA)-National Facility IIT, Kharagpur	Prof. Somnath Dasgupta	National	DST	14 August 2007	13 August 2010	480,000	DES	Close
157	High Resolution Seismic Imaging of the Kumaon-Garhwal Himalaya using Ambient Ground Noise and Modelling the state of stress in crust	Dr. Shyam S. Rai	National	DST	24 August 2009	23 August 2012	1,993,200	DMS	Close
158	Onstochastic order relations with applications in Reliability	Prof. Asok K. Nanda	National	DST	20 September 2006	19 September 2009	745,000	DMS	Close
159	Direct Oligodendrocyte infection by Mouse Hepatitis Virus mediates demyelination	Prof. Jayasri Das Sarma	International	The Children's Hospital of Philadelphia Research Institute (CHOP)	01 November 2009	30 September 2013	1,120,380	DBS	Close
160	Chemical weathering of black shales : Implications for release of CO ₂ to the atmosphere and trace metals to the rivers	Dr. Tarun Kumar Dalai	National	DST	02 April 2009	01 April 2013	1,984,000	DES	Close
161	Ramalingaswami Fellowship	Prof. Mohit Prasad	National	DBT	01 April 2010	31 March 2015	7,480,000	DBS	Close

162	Behavioural Ecology of the Indian Stray Dog	Dr. Anindita Bhadra	National	CSIR	10 May 2010	31 March 2014	1,800,000	DBS	Close
163	Understanding aggression and its correlats in the Indian feral dog Canis familiaris	Dr. Anindita Bhadra	National	INSA	01 August 2010	31 March 2014	150,000	DBS	Close
164	Lode gold mineralization in the Southern Granulite Terrain, Kerala : geochemical and petrological constraints on their genesis	Dr. Ravikant Vadlamani	National	DST	29 November 2010	31 March 2014	210,000	DES	Close
165	Understanding the Cellular consequences of axonal loss and demyeination in viral infection using in vitro myelination System	Prof. Jayasri Das Sarma	National	CSIR	09 March 2011	31 October 2013	1,500,000	DBS	Close
166	Reconstruction of moonsonal rainfall from late quaternary ganga and yumuna alluvial plain by stable isotope tracers; implications to climate forcing on vegeterian and river response (RMR)	Prof. Prasanta Sanyal	National	DST	24 June 2008	31 December 2011	1,749,000	DES	Close
167	Molecular interactions in the Post-transcriptional regulation of inflammatory gene expression (Wellcome Trust/DBT India Alliance Intermediate Fellowship)	Dr. Partho Sarothi Ray	National	WT DBT	01 May 2011	30 April 2017	33,857,714	DBS	Close
168	Ramalingaswami Fellowship	Dr. Rituparna Sinha Roy	National	DBT	02 May 2011	09 October 2016	7,692,823	DBS	Close
169	Calcretes on Metamorphosed Rocks of the Precambrian Eastern Ghats Mobile Belt, Orissa: Genesis and Implications to Climate	Prof. Prasanta Sanyal	National	CSIR	06 July 2011	05 July 2014	1,800,000	DES	Close
170	Studies on the mechanisms of the translational regulation of the cold shock response genes in human entero-pathogenic bacteria	Dr. Partha Pratim Datta	National	DBT	21 July 2011	20 July 2014	1,889,000	DBS	Close
171	The role of small-RNA pathways in plant defense against insect herbivores	Dr. Shree Prakash Pandey	National	Max Planck Partner Group in India	01 August 2011	18 December 2017	11,782,680	DBS	Close
172	Ramalingaswami Fellowship	Dr. Rupak Datta	National	DBT	12 August 2011	18 December 2016	7,700,000	DBS	Close
173	Energy Bioscience Overseas Fellowship	Dr. Supratim Datta	National	DBT	01 September 2011	31 August 2016	7,000,000	DBS	Close
174	Investigation of trace metal geochemistry anthropogenic inputs in the Ganga (Hooghly) River Estuary	Dr. Tarun Kumar Dalai	National	MoES	19 September 2011	31 March 2018	8,456,000	DES	Close

175	Develop of High-strain zones in Rocks: Experimental and Therotical Investigations	Prof. Nibir Mondal	National	DST	31 January 2004	31 October 2009	4,078,000	DES	Close
176	Understanding the mechanisms of viral induced Axonal loss and demyelination in an experimental animal model	Prof. Jayasri Das Sarma	National	DBT	12 October 2011	11 October 2014	4,613,024	DBS	Close
177	Role of formin in neurite initiation and synapse formation	Dr. Sankar Maiti	National	DBT	23 November 2011	22 November 2014	4,010,000	DBS	Close
178	Ramalingaswami Fellowship	Dr. Koel Das	National	DBT	06 December 2011	04 April 2017	7,450,000	DMS	Close
179	Ramanujan Fellowship	Dr. Sutapa Bose	National	DST	22/Dec/11	07/Nov/17	8,175,000	DES	Close
180	Functional Analysis and Regulation of Dishevelled in Planer Cell Polarity Pathway	Dr. Sankar Maiti	National	CSIR	14 February 2012	13 February 2015	1,550,000	DBS	Close
181	Seismic velocity structure of the north-western and north-eastern Himalaya and its implications for earthquake hazard assessment	Prof. Supriyo Mitra	International	UKIERI	01 March 2012	31 December 2014	2,130,000	DES	Close
182	Development of an unique animal model to understand the etiology of human central nervous system autoimmune disease multiple sclerosis (MS)	Prof. Jayasri Das Sarma	National	DBT	01 April 2012	31 March 2017	2,994,012	DBS	Close
183	Behaviour and Inter-Colony Dynamics in a Queenless Ant	Prof. Sumana Annagiri	National	DST	16 May 2012	15 May 2015	1,470,000	DBS	Close
184	Stable isotope tracing of Oligocene atmospheric pCo2 concentration from Himalayan foreland : implications to tectonics-climate connection	Dr. Melinda Kumar Bera	National	DST	5/16/2012	5/15/2015	540,000	DES	Close
185	To expand and differentiate pancreatic progenitor population from human bone marrow and Wharton's jelly derived mesenchymal stem cells and to compare their gene expression profile	Dr. Malancha Ta	National	DST	01 February 2010	31 January 2013	1,441,000	DBS	Close
186	Ramanujan Fellowship	Dr. Bidisha Sinha	National	DST	25 July 2012	25 July 2013	7,300,000	DBS	Close
187	Deciphering phytohormone signaling in modulation of resistance to spot blotch disease for identification of novel resistance components for WHEAT improvement	Dr. Shree Prakash Pandey	International	CIMMYT	01 August 2012	31 December 2017	20,666,500	DBS	Close
188	Ramanujan Fellowship	Dr. Guha Dharmarajan	National	DST	30 August 2012	31 May 2016	8,410,000	DBS	Close

189	Effective teaching practises in modern pale biology using museum and laboratory specimens	Dr. Devapriya Chattopadhyay	International	UKIERI	27 November 2012	31 August 2013	264,300	DES	Close
190	Engineering enzymes to overcome biomass recalcitrance. (RGYI)	Dr. Supratim Datta	National	DBT	11 January 2013	10 July 2016	5,060,000	DBS	Close
191	Engineered Nature Inspired Hybrid Nanomedicine for Wound Healing	Dr. Rituparna Sinha Roy	National	CSIR	30 January 2013	29 January 2016	2,292,000	DBS	Close
192	Inspire Faculty Award	Dr. Argha Banerjee	National	DST	01 February 2013	13 January 2018	8,627,428	DES	Close
193	Inspire Faculty Award	Dr. Mithun Mukherjee	National	DST	01 February 2013	31 January 2018	8,627,428	DMS	Close
194	Response of molluscan community to climate variation: A case study from Miocene of Kutch	Dr. Devapriya Chattopadhyay	National	SERB	20 March 2013	19 September 2016	2,600,000	DES	Close
195	Understanding the mechanisms of Non-Host Resistance (NHR) against rust and blast in rice and wheat	Dr. Shree Prakash Pandey	National	ICAR	01 April 2013	31 March 2016	8,019,080	DBS	Close
196	Characterizing the Role of Pak3 Collective cell Movement using the Model of Border Cell Migration in Drosophila Ovary	Prof. Mohit Prasad	National	CSIR	01 June 2013	31 May 2016	1,500,000	DBS	Close
197	Neural correlates of cooperative decisions in humans	Dr. Koel Das	National	DST	01 July 2013	05 January 2017	4,827,128	DMS	Close
198	Understanding collective cell migration using the model of border cells in Drosophila oogenesis	Prof. Mohit Prasad	National	SERB	10 July 2013	09 January 2017	4,394,000	DBS	Close
199	Functional Study of Drosophila B-glucuronidase for developing a fly model of mucopolysaccharidosis VII (RGYI)	Dr. Rupak Datta	National	DBT	24 July 2013	23 July 2016	1,599,000	DBS	Close
200	Engineered Novel Lipopeptide Detergents for Structural Studies of Integral Membrane Proteins (RGYI)	Dr. Rituparna Sinha Roy	National	DBT	06 August 2013	25 January 2017	4,658,000	DBS	Close
201	Parental Care And social Dynamics in free-ranging dogs in India	Dr. Anindita Bhadra	National	SERB	17 September 2013	16 December 2016	1,400,000	DBS	Close
202	Understanding cell membrane homeostasis during cell stretch (Wellcome Trust/DBT India Alliance Intermediate Fellowship)	Dr. Bidisha Sinha	National	WT-DBT	01 October 2013	30 September 2019	35,112,814	DBS	close

203	Constraining Tectonic Setting of The Paleoproterozoic Krishna Province Metagneous Rocks: Implications for the Geodynamic History of The Active Eastern Dharwar Cratonic Margin.	Dr. Ravikant Vadlamani	National	CSIR	03 October 2013	02 October 2016	1,492,000	DES	Close
204	Mating dynamics, Territoriality and social organization in the Indian free-ranging dog, <i>Canis Lupus familiarise</i> (SERB WEA)	Dr. Anindita Bhadra	National	SERB	08 October 2013	07 October 2016	1,800,000	DBS	Close
205	Validation of differentiated neural cells in culture	Prof. Jayasri Das Sarma	N-Const	Hi-Media Consultancy	08 November 2013	31 May 2018	1000000	DBS	Close
206	Pullback equation for differential forms	Dr. Saugata Bandyopadhyay	National	SERB	11 November 2013	10 November 2016	396,000	DMS	Close
207	Engineering Lipid-peptide conjugated nanoscale delivery system for delivering siRNA	Dr. Rituparna Sinha Roy	National	DBT	27 November 2013	20 April 2017	4,413,400	DBS	Close
208	National Network for Mathematical and Computational Biology	Dr. Anirban Banerjee	National	SERB	28 November 2013	27 November 2016	5,237,000	DMS	Close
209	Spatial and temporal evolution of the MCT zone in eastern Sikkim Himalaya: Implications on lateral variation in structural evolution of the MCT in Darjeeling-Sikkim Himalaya.	Dr. Kathakali Bhattacharyya	National	SERB	20 June 2014	19 February 2018	2,500,000	DES	Close
210	Basic characterization and analysis of growth factors secreted by Wharton's jelly mesenchymal stem cells under conditions of hypoxia.	Dr. Malancha Ta	National	DBT	31 March 2014	30 December 2016	3,275,200	DBS	Close
211	Glaciers in the upper Alkananda-Saraswati Basin and Climate Change	Dr. Argha Banerjee		Collaborative Project of (IIMSc-HNBGU-IISERK)	30 June 2014	31 March 2017	600,000	DES	Close
212	Inspire Faculty Award	Dr. Shibananda Biswas	National	DST	01 July 2012	30 June 2017	8,627,428	DMS	Close
213	Measurements and modeling of supraglacial debris layer properties in Hamtah Glacier	Dr. Argha Banerjee	National	SERB	09 June 2014	08 June 2016	1,975,000	DES	Close
214	Molecular level isotopic characterization of vegetation and its phytolith in humid to arid climate zones in India	Prof. Prasanta Sanyal	National	SERB	09 July 2014	06 January 2018	5,636,000	DES	Close
215	Leis mania major β -CARBONIC ANHYDRASE AS POSSIBLE DRUG TARGET	Dr. Rupak Datta	National	CSIR	06 January 2015	31 January 2018	1,795,000	DBS	Close

216	Seismic structure Active faulting and ground motion evaluation in NW India	Prof. Supriyo Mitra	International	NERC IAA Knowledge Exchange Award	11 December 2014	10 December 2015	1,759,070	DES	Close
217	Luminescence Chronology of Paleoflood and aeolian dunes deposit in Kaveri Basin: Implication to Holocene climate reconstruction	Dr. Manoj Kumar Jaiswal	National	MoES	19 February 2015	18 February 2020	9,685,200	DES	Close
218	Earthquake Hazard Evaluation in Jammu and Kashmir Himalaya and Western Indo- Gangetic Plains	Prof. Supriyo Mitra	National	UGC UKIERI	01 January 2015	31 March 2018	1,781,400	DES	Close
219	Orderings and Ageing properties having Applications in Reliability	Prof. Asok K. Nanda	National	DAE	21 February 2015	20 February 2018	250,000	DMS	Close
220	Role of non muscle myosin IIs in Proliferation and Differentiation of Umbilical Cord derived mesenchymal Stem Cell	Dr. Malancha Ta	National	ICMR	01 March 2015	28 February 2018	1,963,200	DBS	Close
221	Bioprospecting of cyanobacteria for cytotoxic and protease inhibitor compounds from special habitats of West Bengal, India	Dr. Manojit Debnath	National	SERB	01 April 2015	31 March 2018	3,188,000	DBS	Close
222	Inspire Faculty Award	Dr. Shirshendu Chowdhury	National	SERB	28 April 2015	27 April 2020	8,627,428	DMS	Close
223	Response to the Mw 7.9 Earthquake of April 25, 2015 in Nepal	Prof. Supriyo Mitra	International	NERC UK	4 June 2015	3 June 2016	978,539	DES	Close
224	Earthquakes Without Frontiers: a partnership for increasing resilience to seismic hazard in the continents	Prof. Supriyo Mitra	International	NERC IOF	01 January 2015	31 December 2016	211,071	DES	Close
225	Role of Amyloid- β in modulating gap junction and hemichannel function: Implication for Alzheimer's disease pathogenesis	Dr. Mahua Maulik	National	SERB	27 November 2015	26 November 2018	3,860,000	DBS	Close
226	Understanding the Role of myo- Inositol Hexakisphosphate (IP6) in the Regulation of Bruton's Tyrosine Kinase in B- cell Signaling	Dr. Rahul Das	National	SERB	12 July 2016	11 July 2019	4,855,800	DBS	Close
227	Structural basis of allosteric regulation of zeta chain-associated protein kinase ZAP-70 in T-cell signaling (Ramalingamswami Fellowship)	Dr. Rahul Das	National	DBT	25 May 2016	30 October 2021	3,250,000	DBS	Close
228	Strategy for developing a safe and effective control measure against Avian Influenza in chicken: live vector- based mucosal vaccine approach	Dr. Amirul Islam Mallick	National	SERB	19 March 2016	18 March 2019	2,978,250	DBS	Close

229	Arsenic release and movement from arsenic elewant paddy soil in Bengal Delta region of India during monsoonal flooding	Dr. Manoj Kumar Jaiswal and Dr. Sutapa Bose	National	MoES	14 March 2016	31 July 2019	4,498,000	DES	Close
230	Tracking pesticide concentration in Urban concrete surface	Dr. Sujata Ray	National	SERB	28 March 2016	27 March 2019	1,900,000	DES	Close
231	Understanding the degradation and loss of primary forest in the Teesta valley of the Sikkim Himalaya: A framework for recovery and management of biodiversity and bioresources	Dr. Robert Jhon Chandran	National	NMHS	24 May 2016	23 May 2019	2,311,200	DBS	Close
232	Fish community structure and patterns of diversity along impacted and unimpacted streams of Vindhya and Satpura hill ranges, Central India	Dr. Anuradha Bhat	National	MoEF	30 June 2016	29 June 2019	2,641,540	DBS	Close
233	Studies on the mechanisms of action an essential ribosome- associated bacterial GTPase protein CgtA	Dr. Partha Pratim Datta	National	SERB	26 July 2016	25 July 2019	3,655,800	DBS	Close
234	Inspire Faculty Award	Dr. Sushil Gorai	National	DST	01 April 2012	31 March 2017	8,627,428	DMS	Close
235	Thermal Stability, Temperature Induces Conformational Switching and Self-Assembly in Protein Libraries	Dr. Neelanjana Sengupta	National	SERB	23 December 2016	22 December 2019	7,921,100	DBS	Close
236	Ramanujan Fellowship	Dr. Gopal Krishna Darbha	National	DST	1 August 2016	31 July 2021	8,900,000	DES	Close
237	Harnessing physically diverse nanoscale materials for siRNA delivery to overcome cancer resistance	Dr. Rituparna Sinha Roy	National	SERB	22 March 2017	21 March 2020	4,600,000	DBS	Close
238	Investigating the role of Insulin signalling in collective cell movement using the model of Border cell Migration in Drosophila oogenesis	Prof. Mohit Prasad	National	SERB	22 March 2017	21 December 2020	5,022,000	DBS	Close
239	Characterization and engineering of enzymes to reduce biomass recalcitrance	Dr. Supratim Datta	National	SERB	24 March 2017	23 June 2020	5,296,800	DBS	Close
240	Social Tendencies Of Free-Ranging Dogs In Different Human Habitats – Testing The Domestication Hypothesis	Dr. Anindita Bhadra	National	SERB	30 March 2017	29 June 2020	4,068,600	DBS	Close
241	Biochemical and functional characterization of alpha carbonic anhydrase from Leishmania major	Dr. Rupak Datta	National	DBT	01 June 2017	31 May 2021	4,013,000	DBS	Close
242	Neuroprotective function of CD40 in Mouse Hepatitis Virus induced central nervous system infection	Prof. Jayasri Das Sarma	National	DBT	09 June 2017	08 June 2021	5,800,000	DBS	Close

243	Stability and transport properties of nanopesticides in the soil environment: Understanding the safety of applying nanotechnology to the agricultural sector	Dr. Gopal Krishna Darbha	National	SERB	18 August 2017	31 December 2020	4,846,000	DES	Close
244	Investigating the Structural and Functional Basis of RNA Binding and Post-transcriptional Regulation of Gene Expression by Annexin A2 in Response to Genotoxic Stress	Dr. Partho Sarothi Ray	National	SERB	27 September 2017	26 March 2021	2,836,000	DBS	Close
245	Fine scale assessment of tiger (Panthera tigris) connectivity networks in Panna Landscape, Madhya Pradesh	Dr. Robert Jhon Chandran	National	Madhya Pradesh State Biodiversity Board	07 October 2017	06 June 2018	1,113,000	DBS	Close
246	Efficacy of umbilical cord-derived mesenchymal stem cells under ischemia-like physiological stress conditions	Dr. Malancha Ta	National	SERB	20 October 2017	19 October 2020	4,488,010	DBS	Close
247	Studying the mechanism of host adaptation by Campylobacter jejuni and developing strategies to control enteric commensalism in chicken	Dr. Amirul Islam Mallick/ Dr. Rhul Das	National	DBT	07 February 2018	30 June 2021	3,372,400	DBS	Close
248	Tensor-valued wavelet analysis and application to solution of differential equations	Dr. Ratikanta Behera	National	SERB	7 February 2018	31 December 2019	1,874,000	DMS	Close
249	Engineering improved siRNA based combinatorial nanotherapeutics for managing metastasis and adaptive resistance in breast cancer treatment.	Dr. Rituparna Sinha Roy	National	DBT	23 February 2018	22 February 2021	9,159,800	DBS	Close
250	Mechanistic Studies on Trafficking of human copper ATPase ATP7B	Dr. Arnab Gupta	National	SERB	12 August 2016	11 August 2019	3,872,000	DBS	Close
251	The Development and implementation of sensors and treatment technologies for fresh water systems in India	Dr. Tapas K. Sengupta	National	DST-Indo-UK	28 March 2018	15 February 2022	3,373,300	DBS	Close
252	Role of Himalayan glaciers in the Ganga river system : A study based on stable Isotope.	Prof. Prasanta Sanyal	National	NCAOR	1 April 2018	31 March 2021	4,870,000	CCES	Close
253	Biochemical and functional characterization of two formins of Leishmania major and their role in infectivity of the parasite	Dr. Sankar Maiti	National	DBT	20 April 2018	17 October 2021	44,45,520	DBS	Close
254	International Genetically Engineered Machine Competition	Dr. Partho Sarothi Ray	International	DBT	01 April 2018	31 March 2019	10,00,000	DBS	Close

255	Developing an in vitro neural cell-culture model to understand the mechanism of neuronal cell death in Systemic Lupus Erythematosus SLE	Prof. Jayasri Das Sarma	National	DBT	05 June 2018	04 June 2021	3,982,100	DBS	Close
256	On the Equation $(\nabla U) \cdot \nabla u = G$ & its Linearization, & Applications to Calculus of Variations	Dr. Saugata Bandyopadhyay	National	SERB	21 June 2018	20 June 2021	660,000	DMS	Close
257	A Dynamically Adaptive Wavelet Algorithm for Solution of Evolution Equations with Localized Structures	Dr. Ratikanta Behera	National	SERB	13 June 2018	12 December 2019	600,000	DMS	Close
258	Combinatorial Aspects of Maps Between Homotopy Associative Spaces	Dr. Somnath Basu	National	SERB	13 June 2018	12 June 2021	660,000	DMS	Close
259	Polynomial convexity of the finite union of Lagrangians in $\mathbb{C}A^n$	Dr. Sushil Gorai	National	SERB	13 June 2018	12 June 2021	660,000	DMS	Close
260	Realization and Classification of Homogeneous Operators via Quotient Modules	Dr. Shibananda Biswas	National	SERB	12 June 2018	11 June 2021	660,000	DMS	Close
261	Late Quaternary Geomorphic Evaluation of alluvial fans in Himalayas: Implication to past climate reconstruction and Tectonic activity	Dr. Manoj Kumar Jaiswal	National	ISRO	29 September 2018	28 September 2021	3,451,000	DES	Close
262	Study of Different Spectral Properties of Nonuniform Hypergraphs	Dr. Anirban Banerjee	National	SERB	13 June 2018	12 June 2021	660,000	DMS	Close
263	Molecular characterization of leishmania major bicarbonate transporter and studying its role in parasite physiology	Dr. Rupak Datta	National	SERB	11 October 2018	10 October 2021	2,690,000	DBS	Close
264	Population and species survival assessment of red panda (<i>Ailurus fulgens</i>) in Singhalila National Park, West Bengal: potential trajectory following re-stocking of the population under the captive breeding programme	Dr. Robert Jhon Chandran	National	WBZA	22 January 2019	21 January 2020	2,337,000	DBS	Close

265	Role of Connexin-47in axon-myelin interaction during virus-induced demyelination of the central nervous system	Dr. Mahua Maulik	National	WT-DBT	01 January 2019	31 December 2024	17,018,602	DBS	Closed from Institute side since project transferred to other institute during the F.Y. 2021-22
266	The nature of biotic interaction and community structure of marine molluscs as a responce to regional enviromental triggers in a topical island ecosystem	Dr. Devapriya chattopadhyay	National	SERB	19 March 2019	18 March 2022	4,050,400	DES	Closed from Institute side since project transferred to other institute during the F.Y. 2019-20
267	Possible Hadean to Archaen crustal evolution in the Singhbhum craton: an investigation into the detrital zircon archive	Dr. Sukanta Dey	National	SERB	13 September 2017	12 March 2022	4,100,200	DES	Close
268	Orgin and evolution of crust in the NE part of the singhbhum carton: constraints from geochemistry and geochronology of granitoids	Dr. Sukanta Dey	National	MoES	20 August 2015	31 March 2021	2,959,200	DES	Close
269	Sustainable water management in urbanised Lower Bengal: novel isotope tracers of the release of heavy metals in the Ganga (Hooghly) River Estuary	Dr. Tarun Kumar Dalai	International	GCRF	24 April 2019	23 October 2019	1,943,510	DES	Close
270	Chemical speciation and airway deposition modeling of bulk and size-segregated aerosols in residential microenvironments from three northeast Indian states: implications for human exposure	Dr. Sayantan Sarkar	National	SERB	15 November 2019	14 November 2021	2,932,560	DES	Closed from Institute side since project transferred to other institute during the F.Y. 2019-20

271	Tracing the impact of Late Cenozoic climatic transitions on the erosion rates of Himalaya	Dr. Sanjay Kumar Mandal	National	SERB	20 November 2019	19 November 2021	2,959,280	DES	Close
272	Theoretical biophysics of molecular competition in gene expressions	Dr. Dipiyoti Das	National	SERB	22 November 2019	21 November 2021	2,895,816	DBS	Close
273	Identification of novel interacting partners of Bromodomain and PHD Finger (BRPF) proteins and investigating their role in various types of cancer	Dr. Babu Sudhamalla	National	SERB	28 November 2019	27 November 2021	3,278,000	DBS	Close
274	Unravelling the role of LIGHT-RESPONSEBRIC-A BRACK/TRAMTRACK/ BROAD (LRB) E3 ubiquitin ligases in temperature-mediated regulation of growth and reproduction in Arabidopsis thaliana	Dr. Sreeramaiah N. Gangappa	National	SERB	20 November 2019	19 November 2021	2,737,366	DBS	Close
275	Determination of Reducing Submodules of Hilbert Modules with S _n -invariant Kernels	Dr. Subrata Shyam Roy	National	SERB	22 March 2019	21 March 2022	660,000	DMS	Close
276	Heavy Metal Cycling in Mangrove forests and their Potential as a Bio- remediation solution for metal pollution in coastal regions (West Bengal India)	Dr. Tarun Kumar Dalai	International	GCRF	01 January 2020	31 July 2021	1,614,720	DES	Close
277	Assessing the antiviral effects of biocidal compound coated on paper	Dr. Amirul Islam Mallick	National	ITC	10 September 2020	09 December 2020	236,000	DBS	Close
278	Evaluation of Antiviral Efficacy of Centuryply Nanoparticle Treated Plywood against Type A Human Influenza Virus (H1N1)	Dr. Amirul Islam Mallick	National	Century Plyboards (I) Limited	01 November 2020	07 December 2020	440,140	DBS	Close
279	To test the efficacy of PPE sanitizers intended to be used in the hospitals, and quarantine center	Dr. Amirul Islam Mallick	National	DREAMZ ELECTRICAL IN	18 August 2020	17 October 2020	49,560	DBS	Close
280	FIST Program - 2015	DES, Head	National	DST	21 June 2016	20 June 2021	13,800,000	DES	Close
281	Nitrogen Pollution in Large River System: A Case Study in the River Ganga, India	Prof. Punyasloke Bhadury	International	IAEA (International Atomic Energy Agency)	15 April 2016	14 April 2019	899,005	DBS	Close
282	Research Collaboration between IISER-K and WJ Décor	Prof. Punyasloke Bhadury	N-Const	WJ Décor	17 July 2017	30 June 2018	650,000	DBS	CLOSE
283	Potential application of cyanobacteria to reduce bioavailability of arsenic in rice field: a step ahead for safe rice grain	Prof. Punyasloke Bhadury	National	WBDBT	31 January 2018	30 January 2020	2,447,680	DBS	Close

284	Assessment on niche specific oxygenic photoautotrophic organisms for evaluation of Bhagirathi-Hooghly river basin water quality: a biotic index based management proposal	Prof. Punyasloke Bhadury	National	DST	31 January 2018	02 November 2021	4,303,800	DBS	Close
285	Engaging fishing communities for the conservation of horseshoe crabs in Sagar Island, Sunderbans	Prof. Punyasloke Bhadury	National	WTI	05 June 2020	10 February 2021	200,000	DBS	Close
286	Prophecy Sensorlytics India Pvt Ltd	Prof. Swadhin K Mandal	National	Prophecy Sensorlytics India Pvt Ltd	01 November 2021	31 January 2022	200,000	DCS	Close