

## Sponsored Research Projects

S.No.	Financial Year	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Sanctioned order no.	Sanctioned date	Amount Received (In Rupees)	Amount received (in words)
1	2017-18	Dr. Sonalika Agarwal, Dr. Kamleendra Awasthi	DST, Govt. of India	Encapsulate Nanostructured Metal Oxides for Gas Sensing applications	SR/WOS-A/PM-72/2016 ( C )	28-Apr-17	1,260,000.00	Twelve Lakh Sixty Thousand
2	2017-18	Dr. Rahul Singhal	CSIR, New Delhi	Synthesis and modifications of metal-fullerene nanocomposite for application in optical devices using ion beams	03(1408)17/EMR-II	9-May-17	1,579,333.00	Fifteen Lakh SeventyNine Thousand Three Hundred ThirtyThree
3	2017-18	Dr. Chitrakant	SERB- DST,New Delhi	Fabrication, characterization and performance optimization of junctionless silicon nanowire transistor for biosensing application	ECR/2017/000216	3-Jun-17	1,835,650.00	Eighteen Lakh ThirtyFive Thousand Six Hundred Fifty
4	2017-18	Dr. R.K. Duchaniya	DST, Rajasthan	Tribological studies of electroless Ni-P-nano TiO <sub>2</sub> coating on the steel substrate	P.7(3)W.Pro./ R&D/2016/4907	7-Jul-17	125,000.00	One Lakh TwentyFive Thousand
5	2017-18	Dr. K. Venkataratnam Kamma	DST, Rajasthan	Development of lanthanide (Gd) doped Li(Ni <sub>2</sub> /3-x Zn <sub>1</sub> /3)O <sub>2</sub> : Ln(x) Nano Metal Oxide Composite as New Cathode Material in High Capacity Li-Ion Batteries for Naval Applications	P.7(3)W.Pro./ R&D/2016/4919	7-Jul-17	140,000.00	One Lakh Fourty Thousand
6	2017-18	Dr. Nitin Gupta	DST, Rajasthan	Design and Development of Advanced Control Techniques for Multifunctional Inverter based Grid-tied Solar Energy System	P.7(3)W.Pro./ R&D/2016/4931	7-Jul-17	246,800.00	Two Lakh FourtySix Thousand Eight Hundred
7	2017-18	Dr. Lava Bhargava	DST, Rajasthan	Interactive and Low-Cost Teaching Aid for Flipped Classroom for Indian Academia	P.7(3)W.Pro./ R&D/2016/4943	7-Jul-17	396,800.00	Three Lakh NinetySix Thousand Eight Hundred
8	2017-18	Dr. Sandeep chaudhary	DST, Rajasthan	Utilization of Non biodegradable waste as replacement of fine aggregate in concrete: A step towards clean and green technology	P.7(3)W.Pro./ R&D/2016/4883	7-Jul-17	105,000.00	One Lakh Five Thousand
9	2017-18	Dr. V. Subbaramaiah	DST, Rajasthan	Rural Empowerment: Development of Household Green Filter for Contaminants Removal from Water	P.7(3)W.Pro./ R&D/2016/4955	7-Jul-17	266,800.00	Two Lakh SixtySix Thousand Eight Hundred
10	2017-18	Dr. Satyanarayana Neeli	SERB- DST,New Delhi	Optimal Output Sample based Control of Multiport DC-DG converters	ECR/2017000968	14-Jul-17	511,870.00	Five Lakh Eleven Thousand Eight Hundred Seventy
11	2017-18	Dr. Ritu Sharma	DRDO, New Delhi	Design and Development of MEMS based piezoelectric energy harvester	ERIP/ER/DG-MED & CoS/990316501/M/01/689	4-Aug-17	682,000.00	Six Lakh EightyTwo Thousand
12	2017-18	Dr. Rahul Singhal	IUAC New Delhi	Ion Irradiation induced growth of Cu nanoparticles in fullerene matrix	IUAC/XIIL3A	11-Aug-17		0
13	2017-18	Dr. Rahul Singhal	SERB- DST,New Delhi	Tuning of SPR of Metal-Fullerene Nanocomposite by Thermal Treatment	EMR/2016/005208	11-Jul-17		0
14	2017-18	Dr. Rahul Singhal	SERB- DST,New Delhi	Development of new small molecules and device architectures for highly efficient and reliable organic solar cells	DST/TMD/SERI/D05(G)	23-Aug-17	600,000.00	Six Lakh
15	2017-18	Dr. Nivedita Kaul	Vatika Limited	Assessment of Noise Pollution at various Levels of High rise buildings and its impact on Residents of the Building		12-Oct-17		0
16	2017-18	Dr. Kavita Lalwani	SERB- DST,New Delhi	Understanding of the Quantum Chromo Dynamics (QCD) at low momentum transfer through a rare decay of light meson with experimental facility WASA-at-COSY	EMR/2016/007519	4-Aug-17	961,524.00	Nine Lakh SixtyOne Thousand Five Hundred TwentyFour
17	2017-18	Dr. S. K. Jana	DST-TDT, New Delhi	Utilization of Marble Slurry Waste for Desulfurization of Flue and Vent Gases Leading to Production of Plaster of Paris (PoP) or by Direct Injection and for Manufacture of Cement	DST/TDT/WMT/2017/120 (G)	23-Oct-17		0
18	2017-18	Dr. Meenakshi Triapthi	DST, Govt. of India	MobiStick: Mobile enabled Smart Stick for visually impaired persons	SP/YO/010/2017	8-Nov-17	834,956.00	Eight Lakh ThirtyFour Thousand Nine Hundred FiftySix
19	2017-18	Dr. Harlal Singh Mali	SERB- DST,New Delhi	Fabrication and Finishing of Micro-Channels for Micro- Heat Exchangers & Micro-Reactors	EMR/2016/003372	14-Jun-17		0
20	2017-18	Dr. Harlal Singh Mali	Autodesk India Pvt. Ltd	3D Printing of Jaipur Foot.		11-Oct-17	129,600.00	One Lakh TwentyNine Thousand Six Hundred
21	2017-18	Dr. Vivekanand	DST- New Delhi	Biogas for rural communities: Residual resource management and multi feed-stock solid-state anaerobic co-digestion for development of robust and sustainable biogas production process in India and Hungary	INT/AUSTRIA/BMWF/P-01/2017	6-Sep-17		0
22	2017-18	Prof. Jyotirmay Mathur	DST- New Delhi	Renewable Building Energy Demand Reduction in India (RES)	DST/TMDUK/BEE/2017/07(G)	29-Dec-17		0
23	2017-18	Dr. Kanupriya Sachdev	IUAC	Irradiation studies on Mg Silicide based films for thermoelectric applications	IUAC/XIIL3A	11-Aug-17		0
24	2016-17	Dr. Kusum Verma	DST, Rajasthan	Condition Monitoring and Efficient Usage of Wind Farms using Advanced Prediction Models	P.7(3) V. Pro./R & D/2016/2593	31-Mar-16	226,800.00	Two Lakh TwentySix Thousand Eight Hundred
25	2016-17	Dr. Ashwani Kumar	DST, Rajasthan	Vernacular Practices as a basis for formulation of building regulations for different climatic zones of Rajasthan	P7(3)/V.Pro/R&D /2016/2676	31-Mar-16	200,800.00	Two Lakh Eight Hundred
26	2016-17	Dr. Namita Mittal	DST, Rajasthan	Design and Implementation of The Learning Activities in Hindi for School Education for Rural Development	P.7(3) V. Pro./R & D/2016/2606-15	31-Mar-16	280,800.00	Two Lakh Eighty Thousand Eight Hundred
27	2016-17	Dr. Biman Bandyopadhyay	SERB-DST,New Delhi	Role of Ammonia in the Chemistry of Oxygenated Volatile Organic Compounds: A Combined IR spectroscopic and Quantum Chemical Investigation	ECR/2016/000280	17-May-16	3,320,000.00	ThirtyThree Lakh Twenty Thousand

28	2016-17	Dr. Pradeep Kumar	SERB-DST - NEW Delhi, India	Theoretical Investigation of the Effect of Environment Fluctuation on Vibrational Energy Relaxation of Complex Molecules	ECR/2016/000279	23-May-16	2,985,000.00	TwentyNine Lakh EightyFive Thousand
29	2016-17	Dr. Sumit Kumar Sonkar	CSIR-New Delhi	Multi- Colored Emissive Fluorescent Graphitic Carbon Nano-Roda for Sensing And Photocatalytic Applications	01(2854)/16/EMR-II	12-May-16	526,667.00	Five Lakh TwentySix Thousand Six Hundred SixtySeven
30	2016-17	Dr. M.S. Gaur	CEFIPRA	Reflection Aware ICC Analysis Framework for Android Apps	IFC/A/DST-CNRS/2015-01/332	8-Jun-16	1,056,971.00	Ten Lakh FiftySix Thousand Nine Hundred SeventyOne
31	2016-17	Dr. R.K. Duchaniya	Department of Atomic Energy (DAE) BRNS	Quenching Behavior of Bottom Flooded molten pool	36(2)14/13/2016-BRNS/36013	28-Jun-16	1,801,450.00	Eighteen Lakh One Thousand Four Hundred Fifty
32	2016-17	Dr. C. Periasamy	SERB, DST, New Delhi	Design, Fabrication and Characterization of Piezoelectric Nanogenerator Based on ZnO Nanostructures for Energy Harvesting Applications	SB/EMEQ-451/2014	1-Jul-16	600,000.00	Six Lakh
33	2016-17	Dr. Vijay Janyani	DST, New Delhi	Modeling and implementation of free space optical tranceiver for next generation optical communication applications	DST/INT/Egypt/P-04/2016	8-Nov-16	315,000.00	Three Lakh Fifteen Thousand
34	2016-17	Dr. M.C. Govil	DST,Rajasthan	IoT Enabled Waste Management System for Smart City	P.7(3) V. Pro./R & D/2016/6048	10-Aug-16	166,800.00	One Lakh SixtySix Thousand Eight Hundred
35	2016-17	Dr. Sudhir Kashyap	DST(Ministry of Science and Technology), New Delhi	Designing Sugar-Fused Glycosidase Inhibitors Using Glycal Template	DST/INSPIRE/Faculty award/2012	18-Aug-16	814,437.00	Eight Lakh Fourteen Thousand Four Hundred ThirtySeven
36	2016-17	Dr. Subbaramaiah V	DST, New Delhi	Green Process: Development of Green Catalyst for the Synthesis of Glycerol Carbonate from Waste Glycerol	ECR/2015/000085	3-Aug-16	873,540.00	Eight Lakh SeventyThree Thousand Five Hundred Fourty
37	2016-17	Dr. Rahul Singhal	IUAC - UGC	Low energy ion irradiation studies of metal - fukkerene nanocomposite	IUAC/XIIL7/UFR-60301	2-Aug-16	25,000.00	TwentyFive Thousand
38	2016-17	Dr. Kapil Pareek	SERB-DST, Govt. Of India	Development of Flexible supercapacitors for flexible and wearable electronics	ECR/2016/001039	27-Sep-16	2,804,430.00	TwentyEight Lakh Four Thousand Four Hundred Thirty
39	2016-17	Dr. S.K. Biswas	DRDO	Effect of microstructure on shock behaviour of SiC ceramics for armor application	ARMREB/CDSW/2016/174	14-Mar-16	1,495,000.00	Fourteen Lakh NinetyFive Thousand
40	2016-17	Dr. Vijay Laxmi	DAAD, DST New Delhi	Investigation of Data Leakage Prevention Techniques for Android Platform	INT/FRG/DAAD/P-13/2016	10-Jun-16	529,000.00	Five Lakh TwentyNine Thousand
41	2016-17	Dr. Sija George	Rajasthan State Pollution Control Board	Utilization of Marble Slurry Powder for production of Hydroxyapatite (HAP) suitable for defluoridation of Drinking water	F2(Project-2)/RSPCB/PSC/942TO929	24-Oct-16	3,134,200.00	ThirtyOne Lakh ThirtyFour Thousand Two Hundred
42	2016-17	Prof. Rohit Goyal	Ministry of Water Resources, RD & GR , GOI	Impact of Climate Change on Water Resources of Tapi Basin	16/22/2016-R&D /3059-3076	7-Nov-16	0.00	0
43	2016-17	Dr. Sudhir Kashyap	SERB- DST, New Delhi	Diversity Oriented snthesis (DOS) approach to sugar - based therapeutics	SB/FT/CS-024/2014	26-10-2016	500,000.00	Five Lakh
44	2016-17	Dr. Mahehnder Choudhary	Ministry of Water Resources, RD & GR , GOI	Climate Change Impact Studies for Rajasthan ( Area of Inland Drainage and Mahi basin)	-		0.00	0
45	2016-17	Prof. Jyotirmay Mathur	Ministry of New and Renewable Energy, GOI	Development of Fully Automatic Double-Axis Tracking of Scheffler Dish System for Enhanced Performance	15/09/2016-16/ST	28-Sep-16	150,000.00	One Lakh Fifty Thousand
46	2016-17	Dr. Sandeep Choudhary	DST- New Delhi , International Bilateal Cooperation Division	Development of innovative Indigenous knowledge system (IKS)-based new cosmetic raw material: Isolation, extraction and chemical profiling of melanin biosynthesis pathways-based natural compounds from Indian and South-African medicinal plants.	DST/INT/South Africa /P-19/2016	8-Nov-16	1,080,350.00	Ten Lakh Eighty Thousand Three Hundred Fifty
47	2016-17	Dr. Vijay Navaratna Nadakuduru	DST, Govt. Of India	Novel synthesis and formability of ultrafine grained Ti-46Al-1B (at%) alloy.	ECR/2016/000853	16-08-2016	2,398,230.00	TwentyThree Lakh NinetyEight Thousand Two Hundred Thirty
48	2016-17	Dr. Urmila Brighu	CCDU, Rajasthan	Improvement in Sensitivity and Specificity of ColiPAT kit (a low-cost field test kit for detection of Coliforms in drinking water)	ECR/2016/001909	16-Jan-17	1,020,000.00	Ten Lakh Twenty Thousand
49	2016-17	Dr. Abbas Raja Naziruddin	SERB-DST, New Delhi	Organometallic - Photosensitizers Bearing Hybird N-Heterocyclic Carbene Ligands	ISRO/RES/3/724/16-17	3-Jan-17	1,850,000.00	Eighteen Lakh Fifty Thousand
50	2016-17	Dr. Dinesh Kumar	ISRO	Nanostructure Carbon Nano Tube (CNT) based light weight Composite structures for applications in spacecraft structures	IITM/2015-16/HO-15	30-Jan-17	1,440,000.00	Fourteen Lakh Fourty Thousand
51	2016-17	Dr. Ritu Sharma	Indus Institute of technology and Management	Design and Simulation of Cantilever-type MEMS based Piezoelectric Energy Harveste	-		200,000.00	Two Lakh
52	2016-17	Dr. Sandeep Chaudhary	Asian Concrete Federation	Waste Utilization in Concrete as Aggregate: Asian Perspective	RP-AIP23-02-20171	31-Jan-17	194,935.93	One Lakh NinetyFour Thousand Nine Hundred ThirtyFive Paise NinetyThree
53	2016-17	Prof. Jyotirmay Mathur	Indian Society of Heating , Refrigerating and Air Conditioning Engineers (ISHRAE)	IEQ standard implementation methodology	DST/TM/WTI/2K16/232(G)(a)	2-Mar-17	486,900.00	Four Lakh EightySix Thousand Nine Hundred
54	2016-17	Dr. Madhu Agarwal	DST, Govt. of India	Development of de- fluoridation kit for domestic drinking water	TMD/CERI/BEE/2016/070(G)	28-Feb-17	753,960.00	Seven Lakh FiftyThree Thousand Nine Hundred Sixty
55	2016-17	Dr. Sanjay Mathur	DST, Govt. of India	Development and Performance Analysis of Double Pane Semi- Transparent Solar Photovoltaic Window/Façade System	DST/TM/WTI/2K16/21(G)	27-Oct-16	2,007,700.00	Twenty Lakh Seven Thousand Seven Hundred

56	2016-17	Dr. Urmila Brighu	DST, Govt. of India	Installation of a pilot plant of 10 KLD comprising ZnO-Graphene based sensitive catalytic filter for the treatment of effluent of CETP, Jodhpur as a replacement of their secondary treatment unit and development of an alternative low cost treatment with ac	ECR/2016/001780	23-Mar-17	0.00	0
57	2016-17	Dr. Kamleendra Awasthi	DST, Govt. of India	Self-assembled core shell ZnO nanostructure for hydrogen sensing application	ECR/2016/00989	7-Mar-17	2,200,000.00	TwentyTwo Lakh
58	2016-17	Dr. Vivekanand	DST, Govt. of India	Coupled pretreatment strategy to overcome the recalcitrant lignocellulosic biomass for improved biogas production	ECR/2016/001920	23-Mar-17	300,000.00	Three Lakh
59	2016-17	Dr. Arun Kumar Verma	SERB-DST, New Delhi	Investigations on Various Unidirectional/Bi-directional Electric Vehicle (EV) Charging/Discharging Topologies for Smart and Green Electric Transportation	ECR/2016/001297	24-Mar-17	2,200,000.00	TwentyTwo Lakh
60	2016-17	Dr. Dipaloy Datta	SERB-DST, New Delhi	Synthesis and Characterization of Solvent Impregnated Resins for the Treatment of Simulated Textile Dye using Ultrasonic Technology	ECR/2016/001888	27-Mar-17	1,823,100.00	Eighteen Lakh TwentyThree Thousand One Hundred
61	2016-17	Dr. Manoj Kumar	SERB-DST, New Delhi	High-pressure Studies on Magnetically Doped Topological Insulators and Topological Superconductors	DST/RCUK/JVCCE/2015/02 ( C )	27-Feb-17	3,192,720.00	ThirtyOne Lakh NinetyTwo Thousand Seven Hundred Twenty
62	2016-17	Prof. Jyotirmay Mathur	DST, Govt. of India	UK India Clean Energy Research Institute (UKICERI)	DST/RCUK/JVCCE/2015/02 ( C )	27-Feb-17	3,000,000.00	Thirty Lakh
63	2016-17	Dr. Rosalin Sahoo	SERB-DST, New Delhi	Active Vibration Control of Smart Composite and Sandwich Structure in Hygro-thermal Environment	ECR/2016/001926	16-Feb-17	549,400.00	Five Lakh Forty Nine Thousand Four Hundred
64	2016-17	Dr. A.B. Gupta	DST- NEW DELHI	Optimization of disinfection process for secondary treated sewage by hybrid disinfection	DST/TM/WTI/2K16/193(G)	27-Feb-17	2,382,200.00	Twenty Three Lakh Eighty Two Thousand Two Hundred
65	2016-17	Dr. Harlal Singh Mali	National Science Foundation, USA	US-India Collaborative Research in Mechanical, Biomedical, and Materials Science Engineering for Undergraduates	-	1-Sep-14	178,022.60	One Lakh Seventy Eight Thousand Twenty Two Paise Sixty
66	2015-16	Dr. S. D. BHARTI	DST, New Delhi	Indigenous design and development of prototype base isolation systems for earthquake hazard mitigation	DST/TSG/STS/2014/66-G	5-May-15	400,000.00	Four Crore SeventyEight Lakh NinetySix Thousand
67	2015-16	Dr. VIVEKANAND	Department of Biotechnology (DBT) Govt of India	Ramalingaswami Re-Entry Fellowship	BT/RLF/Re-enty/04/2013	20-Mar-15	2,110,000.00	TwentyOne Lakh Ten Thousand
68	2015-16	Dr. Vijay Janyani	DST, New Delhi	Efficiency Enhancement in thin film GaAs Solar Cell using Photonic Crystal as back reflector	DST/TM/SERI/FR/203 ( C )	11-Jun-15	2,680,000.00	TwentySix Lakh Eighty Thousand
69	2015-16	Dr. Sandeep Chaudhary	DST (International Division), New Delhi	Exploring Antimalarial Peroxides from Bench-side to Bed-side: Synthesis, Chemistry, Antimalarial Assessment and SAR Studies of novel functionalized 1, 2, 4-Trioxanes and 1, 2, 4, 5-Tetraoxanes against Multi-Drug Resistant Malaria	INT/SOLVENIA/P-14/2014	25-May-15	788,989.00	Seven Lakh EightyEight Thousand Nine Hundred EightyNine
70	2015-16	Yogota Kumari	DST, New Delhi	Self assembled block copolymer nanotemplates for optoelectronics	SR/WOS-A/PM-1028/2014(G)	26-Jun-15	1,105,000.00	Eleven Lakh Five Thousand
71	2015-16	Indu B. Vashistha	DST, New Delhi	Synthesis and characterization of CZTS based thin films by low cost CBD method for solar cell application	SR/WOS-A/PM-1030/2014(G)	13-Jul-15	1,015,000.00	Ten Lakh Fifteen Thousand
72	2015-16	Dr.C. PERIASAMY	Indo-Austrian Program(DST-BWMF)	Design and Development of Nanostructured ZnO Film Based Piezoelectric Devices for Energy Harvesting Applications	INT/AUA/BMWF/P-24/2015	22-May-15	206,000.00	Two Lakh Six Thousand
73	2015-16	Dr. D. Boolchandani	DeitY	Special Manpower Development Programme for Chips to System Design (SMDP-C2SD)	9(1)/2014-MDD	15-Dec-14	1,595,000.00	Fifteen Lakh NinetyFive Thousand
74	2015-16	Dr. Jyotirmay Mathur	Indian Society of Heating Refrigerating & Air Conditioning Engineers	Reclassification of Climatic Zones for Indian Cities and updating weather data book with e-publishing	-	2-Jun-15	582,000.00	Five Lakh EightyTwo Thousand
75	2015-16	Dr. Ghanshyam Singh	DST, New Delhi	Modeling and characterization of Lithium Niobate based optical devices using surface geometric techniques for their applications in Integrated Optical Circuits (IOCs)	INT/RUS/UKR/P-15/2015	10-Aug-15	539,220.00	Five Lakh ThirtyNine Thousand Two Hundred Twenty
76	2015-16	Dr. Raj Kumar Joshi	DST (International Division), New Delhi, RFBR	Design and Study of Potential Metallacarborane Catalysts for General and Selective Reactions	INT/RUS/RFBR/P-222	31-Jul-15	920,260.00	Nine Lakh Twenty Thousand Two Hundred Sixty
77	2015-16	Dr. Sumit Kumar Sonkar	DST, New Delhi	High performance hyper-branched nitrogen/phosphorous doped photo-luminescent carbon quantum dots for imaging and sensing applications	SV/EMEQ-383/2014	18-Jun-15	3,300,000.00	ThirtyThree Lakh
78	2015-16	Dr. Rohit Bhakar	DST, New Delhi	High Energy And Power Density (HEAPD) Solutions to Large Energy Deficits	DST/RCUK/SEGES/2012/09	29-Sep-14	1,532,500.00	Fifteen Lakh ThirtyTwo Thousand Five Hundred
79	2015-16	Dr.Ankita Pran Dadhich	DST, New Delhi	Sustainability Evaluation of Urban Environment Quality and Development of upcoming Megacities of India	SR/WOS-A/ET-1047/2014 ( C )	18-Aug-15	828,000.00	Eight Lakh TwentyEight Thousand
80	2015-16	Dr.Sumant Kumar Meher	SERB,	Designing and Systematic Study of New Two Dimensional Mxenes for Electrochemical Energy Storage Applications	SB/FT/CS-109/2014	18-Jul-15	1,500,000.00	Fifteen Lakh
81	2015-16	Prof. I.K. Bhat	Ministry of Steel , GOI	Economic production of iron through direct reduction of mill scale by low grade coal of Rajasthan	11(11)/GBS/2013-TW	28-Sep-15	14,100,000.00	One Crore FourtyOne Lakh

82	2015-16	Ms. Salmabanu Ismilbhai Luhar	DST, New Delhi	Durability studies on geopolymer concrete containing waste rubber fiber as partial replacement of sand	SR/WOS-A/ET-1016/2015(G)	16-Nov-15	837,000.00	Eight Lakh ThirtySeven Thousand
83	2015-16	Dr. Kamal Nayan Sharma & Dr. Rajkumar Joshi	SERB, DST	Transition metal complexes of functionalized N-heterocyclic carbene based pincer ligands for catalysis of organic transformations	YSS/2015/000698	4-Nov-15	1,920,000.00	Nineteen Lakh Twenty Thousand
84	2015-16	Dr. C. Periasamy	SERB, DST, New Delhi	Design and Development of AlGaIn/GaN High Electron Mobility Transistors (HEMTs) for Biosensing Applications	YSS/2015/000174	21-Dec-15	1,098,666.00	Ten Lakh NinetyEight Thousand Six Hundred SixtySix
85	2015-16	Dr. Sushant Upadhyaya	Blessing Redefine - 70 shivraj niketan vaishali nagar jaipur	Manufacturing of Bricks by using waste plastic material along with marble slurry and additives.	-	23.12.2015	50,000.00	Fifty Thousand
86	2015-16	Dr. S.K. Biswas	ODC - OFMK	Development of Ceramic Armour Panels to STANAG 4569 Level-4 for Futuristic Combat Vehicle	ODC/Armour/01	4-Mar-16	285,000.00	Two Lakh EightyFive Thousand
87	2015-16	Dr. Ashok Kumar	SERB	Laser Driven Particle Acceleration	EMR/2014/000194	5-Jan-16	1,700,000.00	Seventeen Lakh
88	2015-16	Dr. Sandeep Chaudhary	DST, New Delhi	Utilization of Plastic Waste in Concrete: Feasibility Studies	DST/SSTP/Rajasthan/331	1-Jan-16	890,000.00	Eight Lakh Ninety Thousand
89	2015-16	Dr. M.K. Banerjee	DST, New Delhi (MOST)	Thermoelectric Properties of Mg <sub>2</sub> (Si <sub>2</sub> Sn) and SiSn alloy with Trivalent and Pentavalent Doping	GITA/DST/TWN/P-68/2015	31-Dec-15	1,373,000.00	Thirteen Lakh SeventyThree Thousand
90	2015-16	Dr. Sandeep Chaudhary , Dr. Jaggi Lal	SERB, (N PDF) New Delhi	Strategic Investigation of Novel Pincer- based Metal - catalyzed sp <sup>2</sup> and sp <sup>3</sup> C-H bond Activation Reactions: Application towards the Synthesis of Novel Bio- heterocycles	PDF/2015/000727	29-Jan-16	960,000.00	Nine Lakh Sixty Thousand
91	2015-16	Dr. Amar Patnaik	CSIR, NEW Delhi	Development of Ti-Al-N based coating on Al-alloy for application in hydroturbine blades	22(0702)/15/EMR-II	23-Nov-15	584,771.00	Five Lakh EightyFour Thousand Seven Hundred SeventyOne
92	2015-16	Dr. Dilip Sharma	DST, New Delhi	Design And Development Of Solar Assisted Rapid Milk Cooler	DST/SSTP/Rajasthan/389	17-Mar-16	2,842,888.00	TwentyEight Lakh FourtyTwo Thousand Eight Hundred EightyEight
93	2015-16	Dr. Amar Patnaik	DST, New Delhi	Development of Marble dust filled Reinforced Polymer Composite for Wind Turbine Blade	DST/SSTP/Rajasthan/373	17-Mar-16	4,259,643.00	FourtyTwo Lakh FiftyNine Thousand Six Hundred FourtyThree
94	2015-16	Dr. Vijayakumar K	DST SERB (Fast Track)	Performance Enhancement and Reliable Operation of Wind-PV Distribution System Supplying AC/DC Loads with Remote Condition Monitoring	YSS/2015/001473	14-Mar-16	1,099,833.00	Ten Lakh NinetyNine Thousand Eight Hundred ThirtyThree
95	2015-16	Dr. Yogesh Kumar , Dr. Sandeep Chaudhary	DST, New Delhi	Synthesis of hetero- substituted amino acids via C(sp <sup>3</sup> )-H functionalization and its applications	YSS/2015/001966	16-Mar-16	1,317,000.00	Thirteen Lakh Seventeen Thousand
96	2014-15	Dr. Ashok Sharma	Aluminum Die Casters Association (ALUCAST)	Improving the Quality of Aluminium- Silicon Alloy Automotive Castings Through Grain Refinement	-	21-Oct-14	100,000.00	One Lakh
97	2014-15	Dr. Vinod Kumar	BRNS	Synthesis and environmental degradation study of aluminum-chromium-copper-manganese-iron-tungsten based high entropy alloy for high temperature application	34/20/01/2014-BRNS/0339		1,355,000.00	Thirteen Lakh FiftyFive Thousand
98	2014-15	Dr. Sandeep Chaudhary	CSIR, New Delhi	Strategic investigation of organo-catalyzed direct arylation of arenes and hetero -arenes via sp <sup>2</sup> C-H bond activation: Application to an efficient synthesis of bioactive heterocycles	02/(0189)/14/EMR-II	7-May-14	557,000.00	Five Lakh FiftySeven Thousand
99	2014-15	Dr. M.S. Gaur	Department of Electronics and Information Technology (E-Security Division)	Security Analysis Frame work for Android platform	12(7)/2014-ESD	2-Dec-14	3,130,000.00	ThirtyOne Lakh Thirty Thousand
100	2014-15	Dr. Manoj Kumar	DST, New Delhi	High Pressure magnetotransport studies on topological insulator nano-device	DST/INSPIRE Faculty Award/2014/DST/INSPIRE/04/2013/000842	27-Jun-14	1,900,000.00	Nineteen Lakh
101	2014-15	Dr. Rajesh Kumar	SERB- New Delhi	A Robotic Assistive Biomechanical Study on Posture deviations on elderly and remedies	SR/S3/MERC/0101/2012	1-May-14	1,400,000.00	Fourteen Lakh
102	2014-15	Dr. Ghanshyam Singh	DST, NEW DELHI	Design and Development of Micro- structural Optical Components for Photonic Integrated Circuit(PICs) applications	DST/INT/JSPS/P-180/2014	18-Jun-14	200,000.00	Two Lakh
103	2014-15	Dr. Raj Kumar Joshi	DST, NEW DELHI	New Perspectives to Advance Green Medicinal Chemistry	DST/INT/South Africa/P-09/2014	20-Jun-14	1,041,960.00	Ten Lakh FourtyOne Thousand Nine Hundred Sixty
104	2014-15	Mr.Ramesh Babu Battula	DST, New Delhi	Path and Spectrum Aware Routing Protocol for Multi-channel Multi - radio Cognitive Wireless Mesh Networks	DST/TSG/NTS/2013/26-G	17-Oct-14	4,223,805.00	FourtyTwo Lakh TwentyThree Thousand Eight Hundred Five
105	2014-15	Dr. Sandeep Chaudhary	DST, New Delhi	Exploring Nitrogen - Based Heterocycles from Bench-side to Bed-side Synthesis, Chemistry, Stereo- Chemical Assignment, Structure -Activity Relationship Studies and Biological Evaluation	INT/RUS/RFBP/P-169	25-Apr-14	1,311,800.00	Thirteen Lakh Eleven Thousand Eight Hundred
106	2014-15	Dr. Urmila Brighu	Rajasthan State Pollution Control Board (RSPCB)	Treatment of Textile Wastewater using modified sand as a low cost adsorbent	F. 14(75) Project/RSPCB/PLG/771	21-Aug-14	1,413,160.00	Fourteen Lakh Thirteen Thousand One Hundred Sixty
107	2014-15	Dr. Sandeep Chaudhary	SERB, NEW DELHI	Exploring non-opioid analgesics from bench-side to bed-side: An efficient cost-effective asymmetric synthesis and SAR study of new non -opioid anti-pain lead compound, conolidine"	SB/FT/CS-037/2013	30-Jun-14	1,520,000.00	Fifteen Lakh Twenty Thousand
108	2014-15	Dr. Srinivasa Rao Nelamarri	SERB, NEW DELHI	Tuning the structural, optical and electrical properties of Au nanocrystals embedded in dielectric oxide layers for nonvolatile memory applications	SR/FTP/PS-101/2013	15-May-14	1,500,000.00	Fifteen Lakh

109	2014-15	Dr. Manoj Kumar	UGC - New Delhi	X-ray absorption spectroscopy and high pressure magneto-transport studies of Bismuth chalcogenide based topological insulators	CSR-IC/CRS-73/2014-15/581	18-Sep-14	246,600.00	Two Lakh FourtySix Thousand Six Hundred
110	2014-15	Dr. Kamlendra Awasthi	IUAC New Delhi	Functionalization fo nanochannels in track etched polymeric membranes for gas separation/sensing	IUAC/XIIL7/UFR-56321	22-Aug-14	94,067.00	NinetyFour Thousand SixtySeve
111	2014-15	Dr. Monica Sharma	DST, SSTP Programme Rajasthan	Rural Women Empowerment and Sustainable Growth	DST/SSTP/Rajasthan/304 (G)	16-Mar-15	1,292,500.00	Twelve Lakh NinetyTwo Thousand Five Hundred
112	2014-15	Dr. Raj Kumar Joshi	CSIR NEW DELHI	Strategically Development of metasilylene complexes: Pontential catalyst for unique organic transformation and silylene transfer reactions	01/(2760)/13/EMR-II	28-Oct-13	535,000.00	Five Lakh ThirtyFive Thousand
113	2013-14	Dr. Urmila Brighu	Carnfield University, Australia	Community Management of Rural Water Supply Systems: Community Plus	-	23-Oct-13	327,279.80	Three Lakh TwentySeven Thousand Two Hundred SeventyNine Paise Eight
114	2013-14	Dr. Ravindra Nagar	CDOS- RIICO	CDOS stone research chair	MNIT/CDOS/2012-013/102	16-Sep-13	1,500,000.00	Fifteen Lakh
115	2013-14	Dr. Urmila Brighu	CCDU	Development of field test kit for detection of total coliform and E-coli in drinking water	WSSO/CCDU/WQ/2012-13/509	22-Mar-13	356,000.00	Three Lakh FiftySix Thousand
116	2013-14	Dr. Vijay Laxmi	DST, New Delhi	Countermeasures for protocol compliant attacks in mobile adhoc networks	INT/RFBR/P-132	9-Jan-13	759,840.00	Seven Lakh FiftyNine Thousand Eight Hundred Fourt
117	2013-14	Dr. Rahul Singhal	DST, New Delhi	Tailoring the structural, electrical and mechanical properties of NiTi shape memory alloy thin films by energetic ion irradiation for applications in MEMS	SR/FTP/PS-081/2011	9-Oct-13	460,000.00	Four Lakh Sixty Thousand
118	2013-14	Dr. Rahul Singhal	IUAC New Delhi	Development of efficient polymer-fullerene based bulk heterojunction organic solar cell using nanoparticles	IUAC/XIIL7/UFR-54302	25-Nov-13	999,355.00	Nine Lakh NinetyNine Thousand Three Hundred FiftyFiv
119	2013-14	Dr. Ritu Sharma	DST, RAJASTHAN	New Architecrutes of elliptical air hole PCF for ultra low dispersion	P.7(3)/V.PRO/R & D/2013/4367	22-May-13	80,000.00	Eighty Thousand
120	2013-14	Dr. Neeta Nain	DST, RAJASTHAN	Urdu Corpus Development and Handwritten Text Recognition	P.7(3)/V.PRO/R & D/2013/4400	22-May-13	291,200.00	Two Lakh NinetyOne Thousand Two Hundred
121	2013-14	Dr. Vinod Kumar	SERB, NEW DELHI	Synthesis and Characterization of high entropy Mg <sub>x</sub> -Al-Fe-Cu-Cr alloys	SB/FTP/ETA-180/2013	17-Oct-13	1,250,000.00	Twelve Lakh Fifty Thousand
122	2013-14	Dr. Manish Vashishtha	DST, RAJASTHAN	Experimental and Modelling studies for Process Parameters Optimization of Nutrient Mist Reactor for Sustained Production of Hairy Roots	P.7(3)/V.PRO/R & D/2013	15-Jan-14	426,200.00	Four Lakh TwentySix Thousand Two Hundred
123	2013-14	Dr. Amar Patnaik	DST, RAJASTHAN	Development of heat treated marble dust filled metal matrix composites for turbine blade application	P.7(3)/V.PRO/R & D/S.P./2013/2149	29-Jan-14	12,000.00	Twelve Thousand
124	2013-14	Prof. Upender Pandel	DST, RAJASTHAN	Development of energy efficient building material by the use of mill scale and marble slurry	P.7(7)/V.PRO/R & D/S.P./2013/1281	29-Jan-14	10,000.00	Ten Thousand
125	2013-14	Dr. Mahesh K. Jat	DST, New Delhi	Strengthening of Research and Teaching Facilities in the Department (FIST)	SR/FST/ETI-326/2012( C )	6-Aug-13	6,000,000.00	Sixty Lakh
126	2013-14	Dr. Ragini Gupta	DST, New Delhi	Development of Novel Artificial Naked Eye Fluoride ion Receptors	DST/TM/WTL2K13/116 ( G )	26-Sep-13	2,182,800.00	TwentyOne Lakh EightyTwo Thousand Eight Hundred
127	2013-14	Dr. Satish Kumar	ICSSR, NEW DELHI	Determinants of Working Capital Management Parctices After Global Financial Crisis In Indian Companies: Behavioral Finance Approach	02/21/2013-14/RPR	9-Jan-14	280,000.00	Two Lakh Eighty Thousand
128	2013-14	Dr. Rahul Singhal	IUAC Newdelhi / UGC New delhi	Tailoring the structural and electrical and optical properties of Ag-Zno and Ag-Tio2 nano composite	IUAC/XIIL7/UFR-54302	25-Oct-13	25,000.00	TwentyFive Thousand
129	2013-14	Dr. Amit Kumar Singh	SERB, NEW DELHI	Effective Product Development Through Integation of Reverse Engineering and rapid Prototyping	SB/FTP/ETA-337/2012	21-May-13	1,860,000.00	Eighteen Lakh Sixty Thousand
130	2013-14	Dr. Sujin B Babu		Modeling the dynamics of low Reynolds numver swimmers in a Newtonian fluid	-		310,000.00	Three Lakh Ten Thousand
131	2013-14	Dr. Ritu Vishnoi	SERB, NEW DELHI	Enhancement in efficiency of organic solar cell using plasmonics	SR/FTP/PS-029/2012	4-Jun-13	665,000.00	Six Lakh SixtyFive Thousand
132	2013-14	Dr. Jyotirmay Mathur	Ministry of New And Renewable Energy, New Delhi	Award of Renewable Energy chair under HRD Scheme of the Ministry	10/14/2010- P & C	26-Mar-14	15,000,000.00	One Crore Fifty Lakh