

Parameter	Sponsored Research Projects									
2D.FPPP	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	Mandeep Singh Dr.	DRDO/ DIPAS	Development of wireless Embedded system for health monitoring of ambulatory subjects.		29.4.15	9,94,000	Nine Lakh Ninty Four Thousand
			2	M.D.Singh	DRDO/ DIPAS	Development of Fatigue Detection System.		29.4.15	9,92,000	Nine Lakh Ninty Two Thousand
			3	Dr. Sukumar Mishra, Dr. Mukesh Singh, Dr. Neeraj Kumar	DST	Electric vehicle charging station as a voltage and frequency regulator, within the real capability of EVs available , in presence of intermittent renewable energy sources		01-04-2016	1,69,00,000	One Crore Sixty Nine Lakh
			4	Rajni Dr.	DST-WOS	Study the effects of isotopic contents and clusterization on collective flow and fragmentation.		6.6.15	24,03,000	Twenty Four Lakh Three Thousand
			5	Manoj Sharma	CSIR	Various Decay Mechanisms of Nuclei Formed in low energy heavy ion reaction.		16.10.15	17,21,000	Seventeen Lakh Twenty One Thousand
			6	B.C.Mohanty	DST-SERB	Photovoltaic and Grain Boundry characteristics of single target sputtered.....		17.8.15	55,26,000	Fifty Five Lakh Twenty Six Thousand
			7	Dr. Manoj K. Sharma	DST	Dynamical behavior of nuclear systems formed via light particles and heavy ion induced reactions.		25.5.15	17,00,000	Seventeen Lakh
			8	Dr. D. P. Singh	DRDO	Development of transition metal oxide decorated gracing-polypropyrole nano composite as RADAR absorbing materials		12-02-16	09,91,000	Nine Lakh Ninty One Thousand
			9	Alpana Agarwal	DeitY	SMDP Project		22.5.15	35,00,000	Thirty Five Lakh
			10	Rana Partap Yadav Dr.	DAE/BRNS	Design and development of load resilient mock-up ICRH system of tokamark with variable load		19-01-16	34,35,000	Thirty Four Lakh Thirty Five Thousand
			11	Dr. Rana Pratap Yadav	DST	Design and development of the Reconfigurable Plasma Antenna		4.8.15	28,00,000	Twenty Eight Lakh
			12	Raj Kumar Gupta	DAE/BRNS	Measurement of circulation time and optimization of mixing process for ethy acetate reactor using Radiotracer Technique.		10.9.15	23,73,000	Twenty Three Lakh Seventy Three Thousand
			13	Vikas Kumar Sangal	DAE/BRNS	Study of hydrodynamics and RTD of Treatment process(biological) using radiotracer technique.		10.9.15	23,11,000	Twenty Three Lakh Eleven Thousand
			14	Inderveer Chana	CSIR	Autonomic Resource prediction and scheduling for cloud based scientific applications		28.8.15	16,45,000	Sixteen Lakh Forty Five Thousand
			15	Deepak Garg Dr.	The Royal Academy of Engg., London	Higher Education Partnership Programme		1.3.2016	1,00,00,000	One Crore
			16	Prof. Sukumar Mishra	DST	Electric vehicle charging station as a voltage and frequency regulator, within the real time capability of the EVs available, in presence of intermittent renewable energy sources		15.06.15	1,69,00,000	One Crore Sixty Nine Lakh
1	2015-16		17	Dr. P.S. Rana	DST	Tox2020: Toxicity Prediction of pre clinical trial drug using Physicochemical Properties and Machine Learning Approaches		01.10.15	25,87,000	Twenty Five Lakh Eighty Seven Thousand

18	Sanjai Saxena	DBT	Isolation and characterization of Xanthine oxidase inhibitors from endophytic fungi for treatment of Hyperurecemia and Gout.		16.12.15	28,93,000	Twenty Eight Lakh Ninty Three Thousand
19	Dr. Shekhar Agnihotri	DST	Production of high fructose syrup from cellulosic agro-waste using dual enzyme immobilization on nano-template as recyclable biocatalysts		23-03-16	27,28,000	Twenty Seven Lakh Twenty Eight Thousand
20	Dr. M.S.Reddy	DST	Utilization of banana stem juice for renewable energy and value added products		02-05-16	25,88,956	Twenty Five Lakh Eighty Eight Thousand Nine Hundred Fifty Six
21	Dr. M.S.Reddy	CSIR	Novel gene pool from copper polluted soil ecosystem using metatranscriptomic approach		17-05-16	15,00,000	Fifteen lakh
22	Sapna Sharma	DST	Higher order discontinuous galerkin method for unsteady incompressible Navier-Stokes equation. [TFD FROM DAV UNIVERSITY, JALANDHAR]		17.12.15	13,32,000	Thirteen Lakh Thirty Two Thousand
23	Jeevan Jot Kaur	DST	Efficient methods for solving system of solving system of fuzzy complex linear equations.SR/WOS-A/PM-1025/2015 (G)		10.3.2016	13,80,000	Thirteen Lakh Eighty Thousand
24	Satish Kumar & SK Mohapatra	DST-SERB	Experimental investigation and CFD modeling of slurry pipeline for flow of multiparticulate slurry at higher concentrations		23.3.16	37,10,000	Thirty Seven Lakh Ten Thousand
25	Rajesh Kumar	DST-SERB	Kinetic and Thermodynamic Studies of the Effects of Synergistic and Nonsynergistic Anions on Blood Plasma Transferrin. (5263600)		22.6.15	52,64,000	Fifty Two Lakh Sixty Four Thousand
26	Soumen Basu	DAE/BRNS	Removal of Metal Ions from waste waters using Hierarchically porous metal oxide monoliths with tunable mesopore size.		6.4.15	24,61,000	Twenty Four Lakh Sixty One Thousand
27	Amjad Ail	DST-SERB	Mixed metal oxides as heterogamous catalysts for the triacetin synthesis.		29.6.15	42,11,000	Forty Two Lakh Eleven Thousand
28	Rajesh Kumar Dr.	ICMR	The mechanism of reductive release of iron from serum transferrin.(FIRST YEAR)		24.6.15	30,02,000	Thirty Lakh Two Thousand
29	Kamaldeep Paul	DST-SERB	Synthesis of fused heteroaromatic derivatives through molecular hybridization technique and their in vitro evaluations as anticancer agents		5.10.15	35,26,000	Thirty Five Lakh Twenty Six Thousand
30	Bonamali Pal	DST	Bimetallic core-shell nanostructures of transition metals for homogeneous hydrogenation catalysis and heterogeneous co-catalysis.		26.1.16	41,39,000	Forty One Lakh Thirty Nine Thousand
1	Moushumi Ghosh.	CSIR	Development of treatment and regeneration technology for phytoestrogens from wastewater streams.		24.9.14	14,92,000	Forteen Lakh Ninty Two Thousand
2	M.S.Reddy	DBT	Cloning and characterization of genes of glutathione biosynthesis in ectomycorrhizal fungi and their role in metal detoxification		10.9.14	29,50,000	Twenty Nine Lakh Fifty Thousand
3	Moushumi Ghosh with British counterpart Dr. Helen Bridle.	DST	Green polymers for waterborne pathogen detection and treatment. (DST-International Div.)		26.6.14	23,58,000	Twenty Three Lakh Fifty Eight Thousand
4	Soumen Basu	DST/SERB	Synthesis of clay supported TiO2 nanoparticles for photocatalytic oxidation of volatile organic compounds (VOCs)		29.10.14	24,98,000	Twenty Four Lakh Ninty Eight Thousand

5	M.S.Reddy	DST/SERB	Durability enhancement and prevention damage in RC structure using bacteria		28.10.14	53,70,000	Fifty Three Lakh Seventy Thousand
6	Haripada Bhunia	DAE/ BRNS	Development of non-eco toxic polyolefins with controlled environmental degradation by using high energy radiation and pro-oxidants.		22.5.14	19,89,000	Nineteen Lakh Eighty Nine Thousand
7	Avinash Chandra	DAE/ BRNS	Investigation of hydrodynamics and RTD of pulp digester using radiotracer technique.		12.8.14	21,38,000	Twenty One Lakh Thirty Eight Thousand
8	Rajeev Mehta	DRDO	Studies on STF- nanoclay based composites for personal armour systems		12.5.14	29,71,000	Twenty Nine Lakh Seventy One Thousand
9	Dr. Madhup Kumar Mittal	DST	Floating wick type vertical multiple effect diffusion solar still waste heat recovery		20.05.2014	11,22,400	Eleven Lakh Twenty Two Thousand Four Hundred
10	Dr. Neeraj Kumar	CSIR	Energy Management of the Smart Home		07.10.15	21,00,000	Twenty One Lakh
11	Mukesh Kumar	CSIR	Design and development of integrated nanophotonic platform based on hybrid photonic plasmonic waveguide for communication and bio-sensing.		25.2.15	14,92,000	Forteen Lakh Ninty Two Thousand
12	R.S.Kaler	DST	Development of photonic crystal biosensor of detection of foodborne pathogens.		25.9.14	30,89,000	Thirty Lakh Eighty Nine Thousand
13	Dr. Ravinder Agarwal and Dr. Hardeep Singh	Department of Science & Technology, New Delhi	Study and development of SEMG based exoskeleton knee		01.03.15	38,56,000	Thirty Eight Lakh Fifty Six Thousand
14	Madhup Kumar Mittal	DST	Floating wick type vertical multiple effect diffusion solar still waste heat recovery.		5.6.14	11,22,000	Eleven Lakh Twenty Two Thousand
15	S.D.Tiwari	CSIR	Effect of magnetic anisotropy and particle size distribution on the magnetization of antiferromagnetic nio nanoparticles		28.10.14	15,92,000	Fifteen Lakh Ninty Two Thousand
16	Puneet Sharma	DST-SERB	Development of M-type Hexaferrete films for microwave device Application.		13.8.14	47,46,000	Forty Seven Lakh Forty Six Thousand
17	O.P.Pandey	DST-SERB	Synthesis and characterization of NA 2S-P2S5 glass ceramic based solid electrolytes for Na-ion batteries.		24.3.15	27,96,000	Twenty Seven Lakh Ninty Six Thousand
18	Alka Upadhyay	DST-SERB	Low energy properties of baryon JP=1/2+ Decuplets in phenomenological model		24.3.15	17,39,000	Seventeen Lakh Thirty Nine Thousand
19	Amit Dhir	DAE/BRNS	Mechanism and applications fo ionizing radiation in AOP based degradation of persistant pollutants from aqueous streams		18.2.15	24,83,000	Twenty Four Lakh Eighty Three Thousand
20	Sunil Kumar Mahla	DST	Studies on combustion, performance and emissions characteristics of diesel engine fuelled with biodiesel and biogas.		4.7.14	19,20,000	Nineteen Lakh Twenty Thousand
21	Amit Dhir	Jyoti Industries Ltd. Ludhiana	Feasibility study on the use of steel melting furnace slag/APCD dust as filler in the manufacture of fly ash bricks/blocks		01-04-14	120,000	One Lakh Twenty Thousand

22	N.Tejo Prakash	Council for Scientific and Industrial Research	Studies on anti-inflammatory responses as function of bioavailable selenium from selenium rich cereal grains	16-10-12	511,000	Five Lakh Eleven Thousand
23	N.Tejo Prakash	Department of Biotechnology	Neuroprotective properties of selenoergothioneine sourced from selenium rich mushrooms against oxidative stress and nitrosative damage in neuronal cells	30-08-12	439,000	Four Lakh Thirty Nine Thousand
24	Satnam Singh	CSIR	Size and shape dependent photocatalytic activity of TiO2 Nanostructures for selective reduction of nitroaromatics.	3.2.15	10,92,000	Ten Lakh Ninety two Thousand
25	Dr.Deepak Kumar	DAE/ NBHM	Non-inner and class preserving automorphisms of finite p-groups	20.11.14	10,12,000	Ten Lakh Twelve Thousand
26	Dr.Deepak Kumar	UGC	Salary & Research Grant	28.7.14	16,76,000	Sixteen lakh Seventy Six Thousand
1	Ajay Batish	AICTE	Multiresponse optimization of process parameters for the improved part accuracy in fused deposition coating process.	16-03-2013	9,75,000	Nine Lakh Seventy Five Thousand
2	S.S.Mallick	CSIR	Developing validated scale-up procedure for dense phase pneumatic transport of fine powders using two-layer dune-flow model.	29-05-2013	19,47,000	Nineteen Lakh Forty Seven Thousand
3	Head MED	DST	DST- FIST Program 86 Lacs (50:50) Basis	09-11-13	43,00,000	Forty Three Lakh
4	D Gangacharyulu	CGL	Application software development to evaluate thermal performance of tube type, air to air heat exchange for CADA high rated electrical motors.	06-03-14	13,82,000	Thirteen Lakh Eighty Two Thousand
5	HARIPADA BHUNIA	DST	Synthesis and characterization of high capacity adsorbents for CO2 capture.	03-11-14	12,05,000	Twelve Lakh Five Thousand
6	Sanghamitra Barman	DST	Transalkylation of di-isopropylbenzene (DIPB) with benzene over modified nano zeolite catalyst: A kinetic study.	07-12-13	23,60,000	Twenty Six Lakh Sixty Thousand
7	Sanghamitra Barman	UGC	Application of nanozeolite for the removal of novel contaminants from waste water.	04-06-13	11,72,000	Eleven Lakh Seventy Two Thousand
8	Sudhir K Singh	UGC-BSR	Nanoscience and molecular modelling	10-10-13	6,00,000	Six Lakh
9	Avinash Chandra	UGC-BSR	Fluid Flow and Heat Transfer, Essential Oil Production and characterization.	10-10-13	6,00,000	Six Lakh
10	N.Tejo Prakash	DBT	Biofortification of selenium in edible mushrooms from selenium rich crop residues.	21-05-13	7,13,000	Seven Lakh Thirteen Thousand
11	Dr. M Baranwal	SERB-DST	In silico and in vitro approach to identify immunogenic peptides of H1N1 virus as a target for vaccine design	4.6.13	21,95,000	Twenty One Lakh Ninety Five Thousand
12	Dr. Moushumi Ghosh	UGC	Application of nano zeolite for removal of novel contaminants from waste water (Co-PI)	18/08/13	11,72,000	Eleven Lakh Seventy Two Thousand
13	Dr Dinesh Goyal	DBT	Development and application of recombinant and other cellulases for large scale recycling of cellulosic biomass	05.10.13	5,57,000	Five Lakh Fifty Seven Thousand
14	Puneet Sharma	CSIR	Development of barium hexaferrite (BaFe12O19) Thick films for micro/ millimeter wave device applications.	22-08-2013	14,42,000	Fourteen Lakh Forty Two Thousand

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15	Head SPMS	DST	DST- FIST Program 163/- Lacs (50:50) Basis		17-07-2013	81,50,000	Eighty One Lakh Fifty Thousand
16	B.K.Chudasama	UGC	Studies on antimicrobial properties of metal and metal oxide nanostrucut.res		04-02-13	13,75,000	Thirteen Lakh Seventy Five Thousand
17	Poonam Uniyal	UGC	Synthesis of fBiFeO3 thin films for device applications.		04-01-13	13,92,000	Thirteen Lakh Ninty Two Thousand
18	Bhaskar Chandra Mohanty	UGC	Investigation of growth dynamics and kinetic surface roughening of some solution processed technologically important binary sulfides		10-10-13	6,00,000	Six Lakh
19	Shruti Sharma	NRB	Investigation of corrosion and its progression in ship hulls.		17/05/2013	24,64,000	Twenty four Lakh Sixty Four Thousand
20	Dr Naveen Kwatra	UGC	Special Assistance Programme- DRS-III		06-11-14	73,50,000	Seventy Three Lakh Fifty Thousand
21	Dr Manik Kumar,Dr Naveen Kwatra,Dr Manik Kumar	AICTE	Optimization Techniques for design of Ultra-High Performance Concrete		03-07-14	7,50,000	Seven Lakh Fifty Thousand
22	N.Tejo Prakash	Department of Biotechnology	Neuroprotective properties of selenoergothioneine sourced from selenium rich mushrooms against oxidative stress and nitrosative damage in neuronal cells		05-12-13	6,68,000	Six Lakh Sixty Eight Thousand
23	Teena Sharma	DST	Sequential biological photocatalytic degradation of neonicotenoids in soil.		05-08-13	21,10,000	Twenty One Lakh Ten Thousand
24	Alok Garg	UGC	Photocatalytic degradation of textile dye effluent using doped tio2 catalyst		04-05-13	97000.00	Ninty Seven Thousand
25	Santha Kumari	ICSSR	An experimental Inverstigation of the Psychological determinants of Financila decsion making: A propect theory Approach		16-08-2013	7,00,000	Seven Lakh
26	Ravi Kiran	ICSSR	A Strategic framework for enhancing technology adoption and management strategies for women entrepreneurs in food and beverage sector.		15/06/2013	5,00,000	Five Lakh
27	Bonamali Pal	CSIR	Study of surface charge and zeta potential of coinage metal nanoparticles for their optimum stability and catalytic activity.		08-10-13	15,42,000	Fifteen Lakh Forty Two Thousand
28	Satyendra K Pandey	DST	The total synthesis fo the antimalarial natural products, flinderoles.		16-09-2013	22,00,000	Twenty Two Lakh
29	S.K.Pandey	UGC-BSR	Research Start-Up Grant		10-10-13	6,00,000	Six Lakh
30	Jatinderdeep Kaur	UGC	On L1-Convergence of trigonometric series with special coeffcients		04-01-13	9,73,000	Nine Lakh Seventy Three Thousand
31		TEQIP	COE		31-03-14	50000000.00	Five Crore