

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		2015-16	Dr. D.C. Jhariya	Chhattisgarh Council of Science & Technology	NITRR/ RP/App.Geo/2016/055 : Identification of Potentialground Artificial Recharge Zones for Rainwater Harvesting in Raipur Municipal corporation Naya Raipur Area, Chhattisgarh	No/----/CCOST/MRP/2016	Jan.2016	500000	Five Lakh
			Dr. B.K. Singh	CCOST	NITRR/ RP/BME/2016/056 : Computer Added Analysis and Interpretation of Mammographic Image for early diagnosis of Breast cancer in Chhattisgarh	No/----/CCOST/MRP/2016	Jan.2016	360000	Three Lakh sixty thousand
			Dr. R. Periyasamy	SERB	NITRR/ RP/BME/2016/ 64: Development of differential Multimodal Spectral Imaging System to detect Foot Sole risk areas in Diabetic Patients	ECR/2015/00161	Jun.2016	1834260	Eighteen Lakh theirteen Thousand two sixty
			Dr. Pratima Gupta	Ministry of new research and Renewable Energy Gov. of India	NITRR/ RP/BT/2015/038 : Design of Microbial Electrolyic cell for economicand energy efficient biohydrogen production from leafy biomass by eletrohydrogenesis	No.103/198/2012-NT	Feb. 2015	3113460	Thirty one Lakh Thirteen Thousand Four Sixty
			Dr.J Satya Eswari	CCOST	NITRR/ RP/BT/2016/057 :Computer Added Drug Design of Peptide Bbased durg: lipopeptides	No..../CCOST/MRP/2016	Jan.2016	400000	Four Lakh
			Dr. Awanish Kumar	CCOST	NITRR/ RP/BT/2015/039 : In Vitro Screening of Chhattisgarh Based herds for Countering Dirrhea with Special Emphasis on Cholera	NO.705.../CCOST/MRP/2015	Sep. 2015	449582	Four Lakh fourteen nine thousand five Hundred eightytwo
			Dr. J. Anand Kumar	CCOST	NITRR/ RP/Chem./2015/041 : Removal of Dyes and Chemical Oxygen Demand of Dye Bearing Effluent	No..../CCOST/MRP/2015	Jun-15	400000	Four Lakh
			Dr. J. Anand Kumar	SERB(DST)	NITRR/ RP/Chem/2016/058 : Combined Novel Bio-Physical Treatment for Hetrogeneous Wastewater Pollutants	No.SB/EME-Q-107/2014	09-Feb-16	4865879	Fourty Eight Lakh Sixty Five Thousand Eight Hundred Seventy Nine
			Dr. R. Manivannan	CCOST	NITRR/ RP/Che/2016/059 : Interactive Mechanism of Green Corrosion in hibitor and Mild Steel in Alkaline Medium Containing Chloride ion.	No.347/CCOST/MRP/2015	Jun-15	428000	Four LakhTwenty Eight Thousand
			Dr. G.D. Ramtekar(PI), Dr. Shirish Vinayak Deo (Co-PI)	CCOST	NITRR/ RP/Civil/2015/043 : Parametric Study of Eco- Friendly Concrete/ Composite by Partial Replacement of Sand and Cement with Locally Avilable Industrial by products.	No..../CCOST/MRP/2015	Dec-15	402000	Four Lakh two Thousand
			Dr. Dilip Singh Sisodia	CCOST	NITRR/ RP/CS/2015/044 : Modeling of autonomous software agents' behaviour to defend HTTP request attacks.	No.1103/CCOST/MRP/2015	Aug.-2015	490000	Four Lakh Ninty Thousand
			Dr.Subhojit Ghosh	NRB	NITRR/ RP/Ele/2015/045 Hydrid optimization based fraction order fuel modeling and online parameter estimation with design of adaptive controller for integrated power converters	NRB/4003/PG/360	July.2015	2181000	Twenty One Lakh Eighty one Thousand
			Dr. (Mrs) Ebha Koley	CCOST	NITRR/ RP/Ele/2015/046: A Hybrid Artificial Neural Network and Fuzzy Logic Approach with wavelet Transfrom Based Multi-Resolution Analysis for Fact Detection Classification and Six Phase Transmission Line	No..../CCOST/MRP/2015	Dec.2015	496000	Four Lakh Ninty Six Thousand
			Dr. Monalisa Biswal	SERB	NITRR/ RP/Ele/2016/ 65: Advance Protection to Prevent Zone-3 Maloperation during Stress System Condition.	No.YSS/2015/001082	NoV.2015	596000	Five Lakh Ninty Six Thousand
			Dr.Debasisha Mishra	CCOST	NITRR/ RP/Maths/2015/048 : Matrix Splitting of Rectangular /Singular Matrices and its Application to System of Linear Equations.	No..../CCOST/MRP/2016	Dec.2015	140000	One Lakh Fourty Thousand
			Dr.Debasisha Mishra	SERB	NITRR/ RP/Maths/2015/049: Analysis of Matrix Splittings and its Application in Context of Alternating Itertion Scheme for Rectangular Liner Systems	File No.YSS/2015/000303	Dec. 2015	1719840	Seventeen Lakh Nineteen Thousand Eight Hundred Fourty
			Dr. shubhankar Bhomick	UNICEF	NITRR/ RP/Mech/2015/050: Design and valdation of existing bike- based patient carrier transport system for remote areas of chhattisgarh and proposing design of bike - trailer assembly	CG/2015/RCH/281	May-15	1000000	Ten Lakh

	Dr. Rajkumar Sahu	CCOST	NITRR/ RP/Mech/2015/051: Development Characterization of Functionally Graded Material with Self Lubrication Property for <u>Cutting Tool Applications.</u>	No..../CCOST/MRP/2015	Dec. 2015	350000	Three Lakh Fifty Thousand	
	Dr. Sudhakar Pandey	CCOST	NITRR/ RP/IT/2015/052: "Development of Framework for web Based Intelligent Dictionary for Learning Chhattisgarhi Language"	No..../CCOST/MRP/2015	Sep. 2015	400000	Four Lakh	
	Dr. Shyam Sundar	SERB	NITRR/ RP/MCA/2015/053 : Metaheuristic Techniques for NP-Hard Spanning Tree Problems	File No. YSS/2015/000276	Dec.2015	156000	Fifteen Lakh SixThousand	
	Dr. Kesari verma	CCOST	NITRR/ RP/MCA/2015/054: Computer Added Technique for Diseases Diagnosis: A Non Invasive approach of Disease detection using Iris Image.	No.160/CCOST/MRP/2016	Aug.-2015	287000	Two Lakh Eighty Seven Thousand	
	Dr. Akalabya Bissoyi (YOUNG SCIENTIST)	SERB	NITRR/ Young Scientist/2016/001: SMechanotranduction Behavior of Osteoblast in Scaffold Construct Before and after Cryopreservation	File No.YSS/2015/000618	Dec.2015	3180000	Thirty one Lakh Eighty Thousand	
2	2014-15	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)
		Dr. R. Manivannan	SERB	NITRR/ RP/Chem/2014/029 : Slurry Formulation for Ruthenium Chemical Mechanical Planarization	No.SB/FTP/ETA-0351/2013	17-Jul-14	2087000	Twenty Lakh Eighty Seven Thousand
		Mr.Dharam Pal	CCOST	NITRR/ RP/Chem/2014/028 : Organic acid from sugar cane industry's by - product	No..../CCOST/MRP/2014	Jun-14	500000	Five Lakh
		Dr.Pabhir Gosh	SERB	NITRR/ RP/Che./2015/042 : Practically- Viable Heterogeneous Fenton Catalyst and Reuse of Same Catalyst in Synthetic or Industrial Wastewater	File No. YSS/2014/000996	21-Dec-15	2589000	Twenty Five Lakh Eighty Nine Thousand
		Dr.S. Noyal Victoria	SERI	NITRR/ RP/Chem/2014/030 : Electrochemical Desposition of CZTS for Solar Cell Application	File No.DST/TM/SERI/2k12/57(G)	06-Jun-14	2744650	Twenty Seven Lakh Fourty Four Thousand Six Hundred Fifty
		Dr.S. Noyal Victoria	SERB	NITRR/ RP/Chem./2015/040 : One step CZTS Nano ink Sythesis by Sonochemical Route for Bifacial Solar Cell Application.	No.SB/FTP/ETA-0412/2013	17-Jul-14	2346000	Twenty Three Lakh Fourtysix Thousand
		Dr. Subhojit Ghosh	CCOST	NITRR/ RP/Ele./2014/034 : Microcontroler based implementation of mathematical model of insulin section for automated glucose regulation	No.600/CCOST/MRP/2014	Nov.2014	485000	Four Lakh Eighty Five Thousand
		Dr. R. P. Pathak	CCOST	NITRR/ RP/Maths/2014/035: A Complete Survey of approximation process by positive liner operators and their integral modification in real and complex domain.	No.781/CCOST/MRP/2014	01-Jul-14	500000	Five Lakh
		Dr. (Miss.)S.L. Sinha	CCOST	NITRR/ RP/Mech./2014/036 :Determination of Operating Conditions for hydro-transport of mineral slurry based on wall shear stress and head loss measurement for mineral industries of Chhattisgarh State	No..../CCOST/MRP/2014	01-Apr-14	500000	Five Lakh
		Dr. Manoj Kumar Chopkar	SERB	NITRR/ RP/Metall./2014/037 : Study of high rate torsional behavior of Aluminum Zinc alloy (Al 7075) (No. SB/FTP/ETA-0122/2013)	No. SB/FTP/ETA 0122/2013	01-Jun-14	2327000	Twenty Three Lakh Twenty Seven Thousand
	Dr. Manoj Kumar Chopkar	The Institution of Engineers (India)	RP/NITRR/Metall/2012/026: Study of ageing behaviour of copper added austenitic grade stainless steel and modeling the ageing characteristics (UG2014039)	R.4/2/UG/13-14	01-May-14	50000	Fifty Thousand	
	2013-14	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)
		Dr. Pratima Gupta	CCOST	NITRR/ RP/BT/2013/013 : Enzymatic hydrolysis of rise husk and straw and its conversion into biohydrogen by fermentation	No....CCOST/2013	2013	4720000	Four Lakh Seventy two Thousand
		Mr.B. Majumdar	CCOST	NITRR/ RP/Chem/2014/027 : Self Life of Spices	No..../CCOST/MRP/2013	Mar-14	500000	Five Lakh
		Dr. M. K.Verma	Human Settlement Management Institute	NITRR/ RP/Civil/2013/015 :Environmental performance assessment of major city of Chhattisgrah based on green city index.	No.HSMI/R&D/DU/2013/1818	May-13	2349200	Twenty Three Lakh FourtyNine ThousandTwo Hundred

Dr. R.K. Tripathi	Human Settlement Management Institute, HUDCO, New Delhi	NITRR/ RP/Civil/2014/031 : Construction of Low Volume Roads on Soft Subgrade Soil Improved by Locally Available Marginal Materials	HSMI/R&D/DU/2013-14/2948	Feb-14	2500000	Twenty Five Lakh
Mr. Naresh Nagwani	CCOST	NITRR/ RP/CS/2013/016 : Predictive and Visual Analysis of the Price Distribution Information of Rice and Wheat across India	No.397/CCOST/MRP/2014	Dec.2013	450000	Four Lakh Fifty Thousand
Dr. Prdeep Singh	CCOST	NITRR/ RP/CS/2013/017 :Development of a Comprehensive Model for Software Fault Prediction	No.456/CCOST/MRP/2014	Dec.2013	500000	Five Lakh
Dr. Santosh Penta	CCOST	NITRR/ RP/Chy./2014/033 : Design and Synthesis of novel potent heterocyclic compound and their biological evaluation	No.16055/CCOST/2014	Mar-14	495000	Four Lakh Ninty Five Thousand
Dr. Tungabidya Maharana	SERB	NITRR/ RP/Chy./2013/018 : Synthesis and characterization of [O-N, N,O-] Based bulky schiff base metal complexes and their catalytic activity toward cyclic carbonate formation by fixation of co2	No.SB/FT/CS-174/2011	May-13	2454000	Twenty Four Lakh Fifty Four Thousand
Dr. Kafeel Ahmad Siddiqui	SERB	NITRR/ RP/Chy./2013/019 : Crystal engineering and supramolecular synthon approach for the assembly of hydrogen bonded metal coplexes	No.SB/FT/CS-020/2013	Dec.2013	1788000	Seventeen Lakh Eighty Eight Thousand
Dr. Narendra D. Londhe	CCOST	NITRR/ RP/Ele./2013/020 : Speech Recognition for Chhattisgarhi	No.../CCOST/2015	Jul-13	500000	
Dr. Anamika Yadav	CCOST	NITRR/ RP/Ele/2013/021 : A single ended directional relaying algorithm based on ANN for fault classification and zone identification of double infeed transmission line	No.../CCOST/MRP/2013	Dec.2013	440000	Four Lakh Fourty Thousand