



NIRF Details for Sponsored Project year 2016

Institute Name		Indian Institute of Technology,Jodhpur			And Details for Sponsored Project year 2016				
India Rankings 2017 ID		IR17-ENGG-1-18631							
Discipline		Engineering							
Parameter									
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	Amit Mishra	Board of Research in Nuclear Sciences, Dept. of Atomic Energy	How AMFR gene regulates cell division and cancer after stress exposure?	No.2013/37B/15/BRNS/0370	13.05.2013	0	Nil
			Subhashish Banerjee	Joint Govt & Private funding agency	International Meet on Quantum Correlations and Logic, Language and Set Theory 2013	SB/SS/1037/13-14, 2013/17/37/80/29/-BRNS/1417	06.11.2013, 24.08.2013	0	Nil
			Mahesh Kumar	MHRD	Development of Metal doped Tio2 Low- Dimension Structures by Suputtering for gas sensing application	34/14/16/2014-BRNS/0291	15.05.2014	530875	Five lakh Thirty Thousand Eight Hundred Seventy Five Rupees
			Karunakar Kar	BRNS/DAE	Self – assembly of collagen peptides as foundational knowledge for cardiovascular disease	37(1)/14/38/2014-BRNS/1357	14.08.2014	0	Nil
			Ashutosh K. Alok	CSIR(Council of Scienfific & Industrial Research	Hunting of New Physics Through b-> S Transitions (20120018)	03 (1255)/12/EMR-II	06.11.2012	0	Nil
			Rakesh Kumar Sharma	DBT	Catalytic Upgrading of Bio-Oil to Transport Fuel	BT/EB/PANIIT/2012	09.12.2014	527807	Five lakh Twenty Seven Thousand Eight Hundred Seven Rupees
			Amit Mishra	DBT(Department of Biotechnology)	Identification, assessment and characterization of E3 ubiquitin ligases implicated in the neurodegenerative diseases	No.BT/RLF/Re-Entry/11/2010	10.08.2011	0	Nil

Amit Mishra	DBT(Department of Biotechnology)	Understanding the Molecular Function of MGRNI in Chaperone Mediated Autophagy	No. BT/06/IYBA/2012	08.05.2013	766000	Seven lakh Sixty Six Thousand Rupees
Meenu Chabbra	DBT(Department of Biotechnology)	Development of low cost Microbial Carbon capture (MCC) cells for algae cultivation and powers generation	BT/EB/PANIIT/2012	09.12.2014	315193	Three lakh Fifteen Thousand One Hundred Ninety Three Rupees
Ambesh Dixit	Defense Research and Development Organization(DRDO)	Development of Ferroelectric and their composite with hex ferrites for microwave absorption applications.	No.DLJ/TC/1025/I/29	13.08.2013	0	Nil
Rakesh Kumar Sharma	Department Science & Technology (DST)	Generation, Storage and Distribution of Solar Hydrogen	DST/TSG/SH/2011/106-G	20.03.2012	0	Nil
Rakesh Sharma	department science & Technology (DST)	Molecular Sensors: Synthesis and Anion Recognition Studies (20120005)	No.SR/FT/CS-144/2011	12.07.2012	500000	Five lakh Rupees
Satyajit Sahu	Department Science & Technology (DST)	Synchrony Based Evolution of Various Biological and Artificial Systems to Understand Complex Computational Aspects (20120026)	DST/INSPIRE FACULTY AWARD/2012	12.03.2013	0	Nil
Pragati R.Sharma	Department Science & Technology (DST)	FUNCTIONALIZED CALIXARENE APPENDED RESING SYNTHESIS AND APPLECAATION IN WATER TREATMENT	SR/WOS-A/CS-91/2013	09.04.2014	0	Nil
Gaurav Bhatnagar	serb,Department Science & Technology (DST)	Multimedia security based on biometrics for copyright protection and authentication	SB/FTP/MS-037/2013	29.08.2014	0	Nil
Ambesh Dixit	Department Science & Technology (DST)	Development of Plasmonic metal hybrid electro system for II-VI quantum dot sensitized solar cells (QDSSCs) realization of correct multiputation for better efficiency	DST/INT/ISR/P-12/2014	22.12.2014	0	Nil

Sandeep Kumar Yadav	IBM	Transforming Healthcare Through Touch -dinator	Award Money	29.10.2014	0	Nil
Ambesh Dixit	Indian Space Research Orgnaization(ISRO)	Development of III-Nitrides thin film(s) for high frequency saw device applications	ISRO/RES/3/640/2012-13	19.03.2013	0	Nil
Rakesh Kumar Sharma	Indo-Portuguese Research Cooperation in Science & Technology	Solid State High Energy Density Lithium Ion Recharge	INT/PORTUGAL-P02/2013	23.04.2014	0	Nil
Jodhpur Dental College	Vyas Dental College	Lab Development Project (Testing)			0	Nil
vidya Sarveshwaran	M.R.A.R.(Educational foundation)	Where the Bougainvillea Blooms: Stories of Place from a Resilient Landscape	Note sheet Approval of MRAR educational society	04.09.2014	0	Nil
Anil Kumar Tiwari	Media Lab Asia	Visvesvarya Ph.D Scheme for Electronics and IT	PHD-MLA/4(07)/2014,PHD-MLA/4(07)/2015-16	22.10.2014,03.09.2015	3285950	Thirty Two lakh Eighty Five Thousand Nine Hundred Fifty Rupees
Sandeep Kumar Yadav	MHRD(Ministry of Human Resource Development)	Low Cost Access-cum-Computing Devices	F.16-103/2010-DL	29.10.2010	0	Nil
Laltu chandra	Minstry Of Renewable Energy(MNRE)	Establishment of the Centre of Excellence in Solar Thermal Research and Education	No.15/40/2010-11/ST	19.09.2011	0	Nil
Sushmita Jha	SERB(Science & Engineering Research Board)	Role Of inflemmasome associated Proteins in Glioma	SB/YS/LS-282/2013	16.05.2014	350000	Three lakh Fifty Thousand Rupees
Barun Prathihar	SERB(Science & Engineering Research Board)	Bifuraction and stability assessment of a highly lightweight rator-bearing system with moving platfrom	SB/FTP/ETA-0243/2013	04.06.2014	0	Nil
Manikandan Paranjothy	SERB(Science & Engineering Research Board)	Chemical Dynamics Simulations of Computer Organics Reactions	SB/FT/CS-053/2013	30.06.2014	300000	Three lakh Rupees
Ananya Debnath	SERB(Science & Engineering Research Board)	Dual scale simulations of surfactant co-surfactant water system	SB/FT/CS-134/2013	30.06.2014	400000	Four lakh Rupees
Sandeep Kumar Yadav	UNICEF, Jaipur Branch	Reproductive Child Health (20120004)	INDJ/YH826/2012/IIT/290	22.05.2012	0	Nil

Sushmita Jha	BRNS/DAE	Deposition of Particulate Matter in Lungs	2013/36/72-BRNS/2415	29.11.2013	637896	Six lakh Thirty Seven Thousand Eight Hundred Ninety Six Rupees
Ankita Sharma	DST	Wisdom as Cognitive and motivational-emotional heuristics in ecologically rational decision making	SR/CSIR/67/2013 (G)	13.04.2015	773400	Seven lakh Seventy Three Thousand Four Hundred Rupees
SURIL SHAH	DST	Hybrid reactionless manipulation and visual serving of a satellite mounted robot for autonomus on orbit services	DST/INSPIRE FACULTY AWARD/2013(IFA-13-ENG 52)	01.08.2013	438524	Four lakh Thirty Eight Thousand Five Hundred Twenty Four Rupees
SURIL SHAH	DST	Singularity free reactionless manipulation of a satellite mounted dual-arm robot for capture of tumbling orbiting object	SB/FTP/ETA-132/2013	14.10.2013	446077	Four lakh Forty Six Thousand Seventy Seven Rupees
Anil Kumar Tiwari	Media lab Asia	Vishverya Ph.D Scholarship scheme for Electronics & IT	PHD-MLA/4(07)/2015-16	03.09.2015	1625000	Sixteen lakh Twenty Five Thousand Rupees
Shree Prakash Tiwari	DeitY	Special Manpower development Program for Chips to System Design (SMDP-C2SD)	9(1)/2014-MDD	15.05.2015	1043000	Ten lakh Forty Three Thousand Rupees
Ambesh Dixit	DRDO, Jodhpur	Development of high thermal conductivity PCM composites for thermal management	Chess/cars/st/004	22.12.2014	685956	Six lakh Eighty Five Thousand Nine Hundred Fifty Six Rupees
Prodyut Ranjan Chakraborty	DRDO, Jodhpur	Thermal Design of PCM Cool and Warm Vest	DLJ/TC/1025/I/36	11.09.2015	624000	Six lakh Twenty Four Thousand Rupees
Sandeep Kumar Yadav	DRDO, Jodhpur	Algorithms for Blind Signal Detection and Demodulation	ERIP/ER/1400475/M/01/1576	24.06.2015	3912240	Thirty Nine lakh Twelve Thousand Two Hundred Forty Rupees
Shree Prakash Tiwari	DRDO, Jodhpur	Encapsulation of Organic devices by atomic layer deposition(DRDO CAR Proposal)	DLJ/TC/1025/I/37	11.09.2015	600000	Six lakh Rupees

		Ambesh Dixit	DST-International Division	Design and development of high capacity and low cost Li ₂ TMSio ₄ (TM=transition metals) silicate materials for future rechargeable lithium ion battery.	INT/RUS/RFBR/P-190	22.07.2015	1194107	Eleven lakh Ninety Four Thousand One Hundred Seven Rupees
		Mahesh Kumar	INSA	Development of Tunable RF Filter Based on Ferroelectric Thin Film by Sputtering	SP/YP/114/2015/1093	03.12.2015	500000	Five lakh Rupees
		Ambesh Dixit	DST	Probing Magnetic Structures and Spin Flop transition in bulk and nanostructured FeV ₄ Multiferroic System	UDCSR/MUM/AO/CRS-M-221/2016/805	09.02.2016	45000	Forty Five Thousand Rupees
		venkta ramanna	IUSSTF (DST)	Energy Efficient Technologies for Smart Building	IUSSTF/JCERDC-EEB/2016	23.02.2016	4700000	Forty Seven lakh Rupees
		Mahesh Kumar	DST-International Division	Ion-beam Synthesis and Characterization of Gallium Nitride Based Nanocrystal Embedded in Si Matrices for New Generation Photodetector and Light Emitter Applications.	INT/RUS/RMES/P-04/2014	20.04.2015	1807400	Eighteen lakh Seven Thousand Four Hundred Rupees
		Arun Kumar Singh	SERB	Computationally efficient fixed complexity sphere decodes for multiuser MIMO communications	YSS/2014/000972-serb	21.12.2015	1905333	Nineteen lakh Five Thousand Three Hundred Thirty Three Rupees
		Mahesh Kumar	SERB	Development of mems based gas sensors using RF sputtered transition metal doped ZnO nanostructures	SERB/F/2236/2015-16	16.07.2015	1917000	Nineteen lakh Seventeen Thousand Rupees
	2014-15	Amit Mishra	Board of Research in Nuclear Sciences, Dept. of Atomic Energy	How AMFR gene regulates cell division and cancer after stress exposure?	No.2013/37B/15/BRNS/0370	13.05.2013	669327	Six lakh Sixty Nine Thousand Three Hundred Twenty Seven Rupees
		Subhashish Banerjee	Joint Govt & Private funding agency	International Meet on Quantum Correlations and Logic, Language and Set Theory 2013	SB/SS/1037/13-14, 2013/17/37/80/29/-BRNS/1417	06.11.2013, 24.08.2013	51000	Fifty One Thousand Rupees

Mahesh Kumar	BRNS	Development of Metal doped Tio2 Low- Dimension Structures by Suputtering for gas sensing application	34/14/16/2014- BRNS/0291	15.05.2014	898275	Eight lakh Ninety Eight Thousand Two Hundred Seventy Five Rupees
Karunakar Kar	BRNS/DAE	Self - assembly of collagen peptides as foundational knowledge for cardiovascular disease	37(1)/14/38/2014- BRNS/1357	14.08.2014	1005025	Ten lakh Five Thousand Twenty Five Rupees
Ashutosh K. Alok	CSIR(Council of Scientific & Industrial Research	Hunting of New Physics Through b-> S Transitions (20120018)	03 (1255)/12/EMR-II	06.11.2012	73333	Seventy Three Thousand Three Hundred Thirty Three Rupees
Rakesh Kumar Sharma	DBT	Catalytic Upgrading of Bio-Oil to Transport Fuel	BT/EB/PANIIT/2012	09.12.2014	4729007	Forty Seven Lakh and Twenty Nine thousand seven Rupees
Amit Mishra	DBT(Department of Biotechnology)	Identification, assessment and characterization of E3 ubiquitin ligases implicated in the neurodegenerative diseases	No.BT/RLF/Re-Entry/11/2010	10.08.2011	0	
Amit Mishra	DBT(Department of Biotechnology)	Understanding the Molecular Function of MGRNI in Chaperone Mediated Autophagy	No. BT/06/IYBA/2012	08.05.2013	706000	Seven lakh Six Thousand Rupees
Meenu Chabbra	DBT(Department of Biotechnology)	Development of low cost Microbial Carbon capture (MCC) cells for algae cultivation and powers generation	BT/EB/PANIIT/2012	09.12.2014	4815193	Forty Eight lakh Fifteen Thousand One Hundred Ninety Three Rupees
Ambesh Dixit	Defense Research and Development Organization(DRDO)	Development of Ferroelectric and their composite with hex ferrites for microwave absorption applications.	No.DLJ/TC/1025/I/29	13.08.2013	455000	Four lakh Fifty Five Thousand Rupees
Rakesh Kumar Sharma	Department Science & Technology (DST)	Generation, Storage and Distribution of Solar Hydrogen	DST/TSG/SH/2011/106-G	20.03.2012	600000	Six lakh Rupees
Rakesh Sharma	department science & Technology (DST)	Molecular Sensors: Synthesis and Anion Recognition Studies (20120005)	No.SR/FT/CS-144/2011	12.07.2012	400000	Four lakh Rupees

Satyajit Sahu	Department Science & Technology (DST)	Synchrony Based Evolution of Various Biological and Artificial Systems to Understand Complex Computational Aspects (20120026)	DST/INSPIRE FACULTY AWARD/2012	12.03.2013	700000	Seven lakh Rupees
Pragati R.Sharma	Department Science & Technology (DST)	FUNCTIONALIZED CALIXARENE APPENDED RESINING SYNTHESIS AND APPELICATION IN WATER TREATMENT	SR/WOS-A/CS-91/2013	09.04.2014	970000	Nine lakh Seventy Thousand Rupees
Gaurav Bhatnagar	serb,Department Science & Technology (DST)	Multimedia security based on biometrics for copyright protection and authentication	SB/FTP/MS-037/2013	29.08.2014	600000	Six lakh Rupees
Ambesh Dixit	Department Science & Technology (DST)	Development of Plasmonic metal hybrid electro system for II-VI quantum dot sensitized solar cells (QDSSCs) realization of correct multiputation for better efficiency	DST/INT/ISR/P-12/2014	22.12.2014	1000000	Ten lakh Rupees
Sandeep Kumar Yadav	IBM	Transforming Healthcare Through Touch -dinor	Award Money	29.10.2014	1396500	Thirteen lakh Ninety Six Thousand Five Hundred Rupees
Ambesh Dixit	Indian Space Research Orgnaization(ISRO)	Development of III-Nitrides thin film(s) for high frequency saw device applications	ISRO/RES/3/640/2012-13	19.03.2013	831000	Eight lakh Thirty One Thousand Rupees
Rakesh Kumar Sharma	Indo-Portuguese Research Cooperation in Science & Technology	Solid State High Energy Density Lithium Ion Recharge	INT/PORTUGAL-P02/2013	23.04.2014	195000	One lakh Ninety Five Thousand Rupees
Jodhpur Dental College	Vyas Dental College	Lab Development Project (Testing)			43000	Forty Three Thousand Rupees
vidya Sarveshwaran	M.R.A.R.(Educational foundation)	Where the Bougainvillea Blooms: Stories of Place from a Resilient Landscape	Note sheet Approval of MRAR educational society	04.09.2014	50000	Fifty Thousand Rupees
Anil Kumar Tiwari	Media Lab Asia	Visvesvarya Ph.D Scheme for Electronics and IT	PHD-MLA/4(07)/2014,PHD-MLA/4(07)/2015-16	22.10.2014,03.09.2015	1625000	Sixteen lakh Twenty Five Thousand Rupees
Sandeep Kumar Yadav	MHRD(Ministry of Human Resource Development)	Low Cost Access-cum-Computing Devices	F.16-103/2010-DL	29.10.2010	0	Nil

		Laltu chandra	Ministry Of Renewable Energy(MNRE)	Establishment of the Centre of Excellence in Solar Thermal Research and Education	No.15/40/2010-11/ST	19.09.2011	0	Nil
		Sushmita Jha	SERB(Science & Engineering Research Board)	Role Of inflammasome associated Proteins in Glioma	SB/YS/LS-282/2013	16.05.2014	1400000	Fourteen lakh Rupees
		Barun Prathihar	SERB(Science & Engineering Research Board)	Bifurcation and stability assessment of a highly lightweight rotor-bearing system with moving platform	SB/FTP/ETA-0243/2013	04.06.2014	1790000	Seventeen lakh Ninety Thousand Rupees
		Manikandan Paranjothy	SERB(Science & Engineering Research Board)	Chemical Dynamics Simulations of Computer Organics Reactions	SB/FT/CS-053/2013	30.06.2014	1190000	Eleven lakh Ninety Thousand Rupees
		Ananya Debnath	SERB(Science & Engineering Research Board)	Dual scale simulations of surfactant co-surfactant water system	SB/FT/CS-134/2013	30.06.2014	1400000	Fourteen lakh Rupees
		Sandeep Kumar Yadav	UNICEF, Jaipur Branch	Reproductive Child Health (20120004)	INDJ/YH826/2012/IIT/290	22.05.2012	1499070	Fourteen lakh Ninety Nine Thousand Seventy Rupees
3	2013-14	Laltu chandra	Ministry of New & Renewable Energy	Establishment of the Centre of Excellence in Solar Thermal Research and Education	No.15/40/2010-11/ST	19.09.2011	80000000	Eight Crore Rupees
		Dr. S Harinipriya	Shakti Sustainable Energy Foundation, New Delhi	Performance of Solar Power Plants in India-Data Collection, Analysis and Interpretation	1209-00499	18.12.2012	499328	Four lakh Ninety Nine Thousand Three Hundred Twenty Eight Rupees
		Laltu Chandra	Asian Development Bank, Manila	Workshop on Smart Grid Technologies for Renewable Energy Sources	TA 7808-IND	23.04.32012	6105572	Sixty One lakh Five Thousand Five Hundred Seventy Two Rupees
		Sandeep Kumar Yadav	UNICEF, Jaipur Branch	Reproductive Child Health	INDJ/YH826/2012/IIT/290	22.05.2012	2641388	Twenty Six lakh Forty One Thousand Three Hundred Eighty Eight Rupees
		Dr. S Harinipriya	Board of Research in Nuclear Sciences, Dept. of Atomic Energy	SiC Coatings on Graphite	2012/34/66/BRNS/2912	07.03.2013	1156825	Eleven lakh Fifty Six Thousand Eight Hundred Twenty Five Rupees
		Dr. Bibhas Adhikari	Board of Research in Nuclear Sciences, Dept. of Atomic Energy	Theory and Numerical Algorithms for Interval Linear System and Interval Eigen-Value Problem	2012/36/57-BRNS/2885	05.03.2013	1243800	Twelve lakh Forty Three Thousand Eight Hundred Rupees

Meenu Chhabra	Board of Research in Nuclear Sciences, Dept. of Atomic Energy	Bioremediation of low level wastes including denitrification using microbial fuel cells	No.2012/36/67-BRNS/2948	12.03.2013	1214574	Twelve lakh Fourteen Thousand Five Hundred Seventy Four Rupees
Shubhashish Benarjee	Council of Scientific and Industrial Research, New Delhi	Graph Theoretical Aspects in Quantum Information processing	25(0210)/13/EMR-II	14.03.2013	364000	Three lakh Sixty Four Thousand Rupees
Amit Mishra	Council of Scientific and Industrial Research, New Delhi	Identification, assessment and characterization of E3 ubiquitin ligases implicated in the neurodegenerative diseases	No.BT/RLF/Re-Entry/11/2010	10.08.2011	389000	Three lakh Eighty Nine Thousand Rupees
Amit Mishra	Dept. of Biotechnology	Understanding the Molecular Function of MGRNI in Chaperone Mediated Autophagy	No. BT/06/IYBA/2012	08.05.2013	2030000	Twenty lakh Thirty Thousand Rupees
Ambesh Dixit	DRDO, Jodhpur	Development of Ferroelectric and their composite with hex ferrites for microwave absorption applications.	No.DLJ/TC/1025/I/29	13.08.2013	500000	Five lakh Rupees
Amit Mishra	Board of Research in Nuclear Sciences, Dept. of Atomic Energy	How AMFR gene regulates cell division and cancer after stress exposure?	No.2013/37B/15/BRNS/0370	13.05.2013	997500	Nine lakh Ninety Seven Thousand Five Hundred Rupees
Anil Kumar Tiwari	Department Science & Technology (DST)	Enabling Technologies for Intelligent Wireless Sensor Network for Health and Environment Monitoring	GITA/DST/CDN/ON/IC FTARD11-004/2013	30.09.2013	2000000	Twenty lakh Rupees
Dr. S Harinipriya	DST(SERB)	Ultrafast charging cathode and anode nanomaterials for aqueous flexible lithium ion batteries	SB/WEA-004/2013	20.09.2013	600000	Six lakh Rupees
Ambesh Dixit	BRNS,Mumbai	Investigation of magnetoelectric coupling in Cil-xTMxOMultiferroic System	2013/37P/72/BRNS/2933	30.01.2014	1375150	Thirteen lakh Seventy Five Thousand One Hundred Fifty Rupees
Sushmita Jha	BRNS/DAE	Deposition of Particulate Matter in Lungs	2013/36/72-BRNS/2415	29.11.2013	1825900	Eighteen lakh Twenty Five Thousand Nine Hundred Rupees

		Gaurav Harit	serb,Department Space,CSIR	NCVPRIG	DOS/PAO/GIA/2013- 2014/64/97,SB/SS/661/13- 14, SYM/8136/13-HRD	07.11.2013, 11.09.2013,19.0 7.2013	315000	Three lakh Fifteen Thousand Rupees
		Subhashish Banerjee	Joint Govt & Private funding agency	International Meet on Quantum Correlations and Logic, Language and Set Theory 2013	SB/SS/1037/13-14, 2013/17/37/80/29/- BRNS/1417	06.11.2013, 24.08.2013	595116	Five lakh Ninety Five Thousand One Hundred Sixteen Rupees

