

SHIV NADAR UNIVERSITY

Sponsored Research

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)
Gopal Das Singhal - Civil Engineering	DST SERB	Experimental Investigation and optimization of Jack Jetty and Porcupine Systems for River Restoration	SR/FTP/ETA-15/2012	12/21/2012	1,590,000	Fifteen Lakh Ninety Thousand Rupees
Debopam Acharya - Computer Science & Engineering	Information Technology Research Academy, Media Lab Asia (DIT)	Human Sense: Toward context aware sensing, inference & actuation for applications in Energy & Healthcare	ITRA/15(57)/Mobile/ Human Sense/01	9/19/2013	2,66,50,000 (SNU share: 51,17,000 excluding travel)	Two Crores Sixty Six Lakhs Fifty Thousand Rupees (SNU Share: Fifty One Lakh Seventeen Thousand Rupees)
Sonal Singhal - Electrical Engineering	DST SERB	Efficiency enhancement of RF-sputtered CdTe thin film solar cells by improving the junction interface properties	SR/FTP/ETA-01/2012	2/1/2014	660,000	Six Lakh Sixty Thousand Rupees
Shailja Singh - Life Sciences	DBT Innovative Young Biotechnologist Award (IYBA) grant.	Role of calcium signaling in egress of P. falciparum merozoites from host erythrocytes	BT/01/IYBA/2009	2/7/2014	9,900,000	Ninety-Nine Lakh Rupees
Shiv Nadar University	European Union - British Council	Enhancing quality, access and governance of undergraduate education in India	DCI-ASIE/2012/133-285/L/ACT/IN	3/15/2014	8,72,87,609(SNU Share: 1,17,58,071)	Eight Crore Seventy Two Lakh Eighty Seven Thousand Six Hundred and Nine Rupees (SNU Share: One Crore Seventeen Lakh Fifty Eight Thousand and Seventy One Rupees)
Seema Sehrawat - Life Sciences	DBT Bio-CARe for Women Scientists	Functional dissection of cAMP regulated AKAP9 in Vascular dysfunction: Strategy for treatment of Breast Cancer	BT/AB/08/01/2008(III)	4/24/2014	5,000,000	Fifty Lakh Rupees
Anindita Chakrabarty - Life Sciences	DBT Ramalingaswami Re-entry fellowship	Understanding the effect of oncogenic Phosphatidylinositol 3-kinase (PI3K) mutations in stem cell component of the HER2 oncogene enriched breast cancers	BT/HRD/35/02/2006	5/8/2014	3,250,000	Thirty Two Lakh Fifty Thousand Rupees
Shailja Singh - Life Sciences	SERB Start-Up Research Grant-Young Scientist Scheme	Role of perforin like protein in egress of plasmodium falciparum merozoites	SB/YS/LS-340/2013	5/8/2014	2,200,000	Twenty Two Lakh Rupees
Ashish Gupta - Life Sciences	DST Start Up Research Grant for Young Scientist	Characterization of novel molecular targets of malaria parasite.	SB/YS/LS-297/2013	6/2/2014	2,000,000	Twenty Lakh Rupees
Nitin Banker - Mechanical Engineering	DST SERB Fast Track Young Scientist-Engineering Scheme	Design and development of Refrigerator using a phase change material based heat exchanger	SB/FTP/ETA-0311/2013	6/5/2014	1,387,000	Thirteen Lakh Eighty Seven Thousand Rupees
Bimlesh Lochab - Chemistry	DST SERB, Engineering Division, Young Scientist Scheme	Halogen free flame retardant (FR) Polybenzoxazine (PBz) resins based on agricultural biomass	SB/FTP/ETA-0069/2014	7/17/2014	2,864,000	Twenty Eight Lakh Sixty Four Thousand Rupees
Gouriprasanna Roy - Chemistry	DST SERB	Detoxification of Organomercury Compounds Enzyme Mimetic Studies to Understand the C-Hg Bond Activation by Organomercurial Lyase	SB/S1/1C-44/2013	7/18/2014	5,100,000	Fifty One Lakh Rupees
Gyan Vikash - Civil Engineering	DST SERB, Young Scientist Scheme	Experimental Verification of Diffusion Process During CRS Consolidation under Monotonic Loading and Unloading-reloading Stages	SB/FTP/ETA-0041/2014	7/27/2014	1,422,000	Fourteen Lakh Twenty Two Thousand Rupees
Bimlesh Lochab - Chemistry	SERB	Biobased Polybenzoxazine Resins synthesized from agricultural biomass for Composite application	SB/S5/GC-05/2014	8/25/2014	1,800,000	Eighteen Lakh Rupees
Bimlesh Lochab - Chemistry	DRDO	Benzoxazine monomers and pre-polymers as self healing agents for Epoxy Resins	CFEES/TCP/EnSG/CARS/18/2014	10/7/2014	990,000	Nine Lakh Ninety Thousand Rupees

Swati Garg - Life Sciences	DST-INSPIRE	DST Inspire Faculty Award	IFA14-LSBM-99	11/10/2014	8,300,000	Eighty Three Lakh Rupees
Priya Johari - Physics	DST Fast Track Scheme for Young Scientists	Atomistic stimulations of Hybrid films of two dimensional materials using ab-initio methods	SR/FTP/PS-052/2012	12/18/2014	900,000	Nine Lakh Rupees
Naga Suresh Veerapu - Life Sciences	Department of Biotechnology, Ministry of Science and Technology, Government of India	Developing Novel, Robust Genotype-3 Hepatitis C virus In Vitro Culture System through Bioselection	BT/PR10906/MED/29/860/2014	12/22/2014	6,174,200	Sixty One Lakh Seventy Four Thousand Two Hundred Rupees
Rupamanjari Ghosh - Director's Office	Indo-French Centre for the Promotion of Advanced Research	Monomode and multimode phase sensitive amplification and light storage	IFC/5204-1/2014/2144	12/29/2014	3,990,391	Thirty Nine Lakh Ninety Thousand Three Hundred and Ninety One Rupees
Ashish Gupta - Life Sciences	DBT-IYBA	Application of CRISPR based system for genomic editing of RVB genes of human malaria parasite Plasmodium Falciparum to investigate their role in active histone coding and transcriptional regulation.	BT/08/IYBA/2014-4	2/12/2015	4,467,000	Forty Four Lakh Sixty Seven Thousand
Goutam Chowdhury - Chemistry	DBT (Ramalingaswami Fellowship)	Role of 8-nitroguanosine and its analogs in chronic inflammation associated cancers.	BT/RLF/Re-entry/18/2013	3/18/2015	3,250,000	Thirty Two Lakh Fifty Thousand Rupees
Parthapratim Munshi - Chemistry	Science and Engineering Research Board (SERB)	Quantitative Studies of Hydrogen Bonding and Electrostatic Interaction Energies in Proteins-Insights from Advanced Charge Density Analysis	EMR/2014/000491	6/13/2015	5,300,000	Fifty Three Lakh Rupees
Shailja Singh - Life Sciences; Subhabrata Sen - Chemistry	DBT Pilot Project Grant for Young Investigators in Cancer Biology	Diversity oriented synthesis and biological evaluation of spiroindolines, spiroindolones and spiroquinolines as novel molecules for breast cancer treatment	BT/2/2015-IFD	7/14/2015	2,522,000	Twenty Five Lakh twenty Two Thousand Rupees
Priyanka Grover - Mathematics	Department of Science and Technology	DST-INSPIRE FACULTY AWARD	DST/INSPIRE/04/2014/002705	8/25/2015	3,500,000	Thirty Five Lakh Rupees
Debdas Ray - Chemistry	Department of Science and Technology-SERB	Dihedral Angle Controlled Functionalized Luminescent Materials for Optoelectronic Applications	YSS/2014/000923	9/18/2015	4,953,960	Forty Nine Lakh Fifty Three Thousand Nine Hundred and Sixty Rupees
Debdas Ray - Chemistry	DST-SERB (Science and Engineering Research Board)	Solid-state Luminescence Active Ultra-rigid Neutral Coordination Complex of Zinc (II) and Aluminium (III)	YSS/2014/000923	9/18/2015	2,506,000	Twenty Five Lakh Six Thousand Rupees
Bikash Parida - Civil Engineering	DST-SERB	Quantifying Climatic and Non-climatic Drivers of Large-scale Ecosystem change during 1982-2015 over India.	YSS/2015/000801	10/14/2015	1,656,000	Sixteen Lakh Fifty Six Thousand Rupees
Naga Suresh Veerapu - Life Sciences	Department of Science and Technology-SERB (Young Scientist Scheme)	Exploring Robust In Vitro Hepatitis E Genotype-1 Replication System.	YSS/2014/000107	10/20/2015	2,285,000	Twenty Two Lakh Eighty Five Thousand Rupees
Richa Priyadarshini - Life Sciences	Science and Engineering Research Board (SERB)	Investigating the Role of Lactobacilli in Inhibiting the development of Periodontal Biofilms.	SB/YS/LS-90/2014	11/3/2015	1,754,000	Seventeen Lakh Fifty Four Thousand Rupees
Koyeli Mapa - Life Sciences	Department of Science and Technology-SERB	Delineation of Conformational Allostery of Hsp110 Molecular Chaperones.	YSS/2015/000532	11/24/2015	2,936,000	Twenty Nine Lakh Thirty Six Thousand Rupees
Ram Sagar Misra - Chemistry	Department of Science and Technology-SERB (Extra Mural Research Funding-Individual Centric)	Towards Chemical Synthesis of Linear Poly(ADP-ribose) for Bio- Application	EMR/2014/000320	12/21/2015	4,351,200	Forty Three Lakh Fifty One Thousand Two Hundred Rupees
Harpreet Singh Arora - Mechanical Engineering	Department of Science and Technology-SERB	Tailoring the Surface Properties of Crystalline and Amorphous Metals for Advanced Bio-Implants	YSS/2015/000678	1/1/2016	2,519,200	Twenty Five Lakh Nineteen Thousand Two Hundred Rupees
Arvind Kumar Rajput - Mechanical Engineering	Department of Science and Technology	Design and Development of S shaped Coriolis Mass Flowmeter	YSS/2015/001034-SERB	1/1/2016	2,566,000	Twenty Five Lakh Sixty Six Thousand Rupees
Sanjeev Yadav - Chemical Engineering	Department of Science and Technology-SERB (Startup Research Grant-Young Scientist)	Studies and of Air Bubbling Fluidized Bed Gasification with Torrefaction as Pretreatment of Sludge from Pulp & Paper Mill.	YSS/2014/000914	1/4/2016	3,158,000	Thirty One Lakh Fifty Eight Thousand Rupees
Bani Kant Sarma - Chemistry	Department of Science and Technology	Towards Understanding various aspects of noncovalent interaction	ECR/2015/000337	3/10/2016	2,244,000	Twenty Two Lakh Forty Four Thousand Rupees
Dhiraj Kumar Garg - Chemical Engineering	Department of Science and Technology - YSS	Numerical Study and Analysis of Chaotic Advection During Free Radical Polymerization Reactions in Coiled Flow Inverter Microreactor	YSS/2015/002088	3/14/2016	1,760,000	Seventeen Lakh Sixty Thousand Rupees

Himanshu Pathak - Mechanical Engineering	DST-SERB	Fracture Analysis of Functionally Graded Materials (FGMs) by coupled FE-Meshfree Method	YSS/2015/001385	3/14/2016	1,678,000	Sixteen Lakh Seventy Eight Thousand Rupees
Anindita Chakrabarty - Life Sciences	DST- SERB	Identification of Predictive Biomarkers for Sepantronium (YM155) Treatment of Triple Negative Breast Cancers	ECR/2015/000198	5/8/2016	3,586,000	Thirty Five Lakh Eighty Six Thousand Rupees
Aloke Kanjilal - Physics	Department of Science and Technology-SERB	The Impact of Oxygen-Induced Defects in TiO ₂ -based Resistive Switching Devices	EMR/2014/000971	6/7/2016	5,329,800	Fifty Three Lakh Twenty Nine Thousand Eight Hundred Rupees
Goutam Chowdhury - Chemistry	DST-SERB	Elucidating the mechanism of teratogenicity and anti-tumor property of thalidomide.	ECR/2015/000197	8/3/2016	2,244,000	Twenty Two Lakh Forty Four Thousand Rupees
Deepak Sehgal - Life Sciences	Department of Science and Technology-SERB	Development of an in vitro System for HEV Propagation to Study Polyprotein Processing and Experimental Infection in Murine Model	EMR/2015/001072	9/20/2016	55,97,200	Fifty Five Lakh Ninety Seven Thousand Two Hundred Rupees
Ganeshthangaraj Ponniah - Mechanical Engineering	Department of Science and Technology-SERB	Development of pneumatically actuated walking bipedal robot	ECR/2015/000605	10/25/2016	30,37,220	Thirty Lakh Thirty Seven Thousand Two Hundred and Twenty Rupees
Sanjeev Yadav - Chemical Engineering	UP-CST (Council of Science and Technology-UP)	Decolorization of Old Corrugated Cardboard (OCC) based Recycled Paper Mill Effluent Using Electrochemical Oxidation with Metal Plate.	CST/YSS/D-2900	11/2/2016	1,044,000	Ten Lakh Forty Four Thousand Rupees
Dipak Maity- Mechanical Engineering	Department of Science and Technology-Nanomission	Multi-functional magnetic nanoparticles for cancer theranostic applications	SR/NM//NS-1141/2015	13/7/2016	4,522,448	Forty Five Lakh Twenty Two Thousand Four Hundred and Forty Eight Rupees
Ashish Gupta - Life Sciences	Council of Science and Technology (CST), U.P - Young Scientist Scheme	Role of PfrVB proteins in immune evasion of human malaria parasite Plasmodium falciparum.	CST/225	18/04/2016	975,000	Nine Lakh Seventy Five Thousand Rupees
Harpreet Singh Grewal - Mechanical Engineering	Department of Science and Technology-SERB	Microwave Derived Bi-modular Composite Coating for Encountering Erosion- Related Problem	ECR/2015/000106	23/06/2016	3,201,551	Thirty Two Lakh One Thousand Five Hundred and Fifty One Rupees