

Major International Sponsored Research Projects Undertaken During the Financial Year 2016-17

S. No.	Project No.	Project Title	Sponsoring Agency	Sanctioned Funds (Rs. Lacs)	Name of the Principal Investigator / Department
1.	RP03279	Multiscale Modeling, Simulation and Optimization for Energy, Advanced Materials and Manufacturing under Indo-German Partnership in Higher Education (IGP)	University of Erlangen-Nuremberg, Germany (Through UGC under Indo-German Partnership in Higher Education)	280.00	VIVEK VITTHAL BUWA Dept. of Chemical Engineering
2.	RP03321	Security in the Internet of Things Space (Centre of Excellence in Cyber Systems and Information Assurance)	Kyushu University, Japan (through DST)	144.83	RANJAN BOSE Dept. of Electrical Engineering
3.	RP03197	From Waste Water to Bioenergy: A Microalgae Biorefinery Approach in Indian and Brazilian Scenario	Federal University of Vicosa, Federal University of Sao Carlos, Brazil (Through DBT)	104.16	ANUSHREE MALIK Centre for Rural Development Technology (CRDT)
4.	RP03268	Interplay between MgO Oxygen Vacancies and Tunneling Spin Transfer Torque	CNRS, France (through IFCPAR (CEFIPRA))	69.89	PRANABA KISHOR MUDULI Dept. of Physics
5.	RP03267	Coarse Grain Reconfigurable Embedded Systems Technology (CREST) II Applications	KTH, Sweden (Through DST under Indo-Swedish Joint Research Project programme)	49.98	ANSHUL KUMAR Dept of Computer Science & Engg.
6.	RP03276	Rapid Pre-concentration & Detection of Pathogens in Large Volumes via Dual-Nanoparticle Targeting	Asian Office of Aerospace Research & Development (AOARD), USA	43.21	SHALINI GUPTA Dept. of Chemical Engineering
7.	RP03302	Thio-click Approach for the Synthesis of Stable Glycomimetics and Chiral Oxathiacrown Ethers	University of Debrecen, Hungary (Through DST)	36.82	NIDHI JAIN Dept. of Chemistry
8.	RP03288	Hybrid DistMult-Matrix Factorization Models for Open IE Inference	Google Inc. USA	33.90	MAUSAM Dept. of Computer Science & Engg.
9.	RP03258	Magnetic, Transport and Galvano-Magnetic Properties of Thin Films and Ribbons of Novel Heusler Alloys for Magnetic Applications	National University of Science and Technology Moscow, Russia (through DST)	26.60	RATANAMALA CHATTERJEE Dept. of Physics
10.	RP03259	Zero Valent Iron Nano-structured Materials and Nanorust: Applications in (i) Removal of Arsenic from Drinking Water, (ii) Preparing Electromagnetic Wave Absorbers in 2-18 GHz Range	Bay Zoltan Nonprofit Ltd. Applied for Research Hungary (Through DST under Indo-Hungarian Inter-Governmental Science & Technology Co-operation Programme)	19.55	RATANAMALA CHATTERJEE Dept. of Physics
11.	RP03296	Assessing the Value of ICT Based Agromet Advisories Service to Farmers in Haryana	Swiss Federal Institute of Technology Zurich Switzerland	17.00	UPASNA SHARMA Dept. of Humanities & Social Sciences
12.	RP03331	Accelerated discovery: Microbe Test Case	ExxonMobil Global Services Company, USA	13.46	MAYA RAMANATH Dept. of Computer Science & Engg.
13.	RP03234	Development of kinetic for the methanol to formaldehyde reaction including by-product formation	Haldor Topsøe A/S, Denmark	12.60	KAMAL KISHORE PANT Dept. of Chemical Engineering

Major International Consultancy Jobs Undertaken (Through IRD Unit) During the Financial Year 2016-17

S. No.	Project No.	Project Title	Sponsoring Agency	Sanctioned Funds (Rs. Lacs)	Consultant Incharge / Department
1.	CW13790	Visit and Interaction between Electrical and Computer Engineering Students and Faculty at Addis Ababa University	Addis Ababa University, Ethiopia	27.23	BASABI BHAUMIK Dept. of Electrical Engineering
2.	CW13881	General Design Guidelines for FTTx Networks	FTTH Council Asia-Pacific, Singapore	6.00	ABHISHEK DIXIT Dept. of Electrical Engineering
3.	CW13818	Physico-Mechanical Properties of Rock Cores Before and After Grouting from Surge Shaft, UGPH Complex, Mangdechhu H.P., Bhutan	Mangdechhu Hydroelectric Project Authority, Bhutan	5.25	K.S. RAO Dept. of Civil Engineering
4.	CW13820	Study on Inter-State Wage Differential and Internal Migration	International Labour Organization, USA	4.08	JAYAN JOSE THOMAS Dept. of Humanities & Social Sciences
5.	CW13965	Editorial Work at JAMAR Phase - VIII of CW10947	Emerald Group Publishing Limited, United Kingdom	2.51	SURENDRA SINGH YADAV Dept. of Management Studies
6.	CW14024	Professional Advice and Approval of Structure Design of Overhead Corridor in Hospital at Muscat	ARCOP and Partners (Middle East), Oman	1.00	ASHOK GUPTA Dept. of Civil Engineering