

### Other Research Projects: send to Funding Agencies in 2016 (Total Cost Rs. 5 Cr. & 79 Lac )

S. No.	Title of the Project	Name of Deptt.	Name of PI / Co-PI	Amount (in Lac)	Funding Agency	Duration of the Project (in Months)
1	Mechanical & thermal characterization of laminated bio composites in modified polyacrylonitrile matrix	ME	Dr. Y.K.Tyagi,	14.43 L	DST	36 months
			Mr. Nitin Gupta			
2	Development and performance evaluation of a solar cooker with different phase change materials	ME	Dr. Manoj Kumar	12.34 L	DST	24months
3	Development of new eco-friendly multifunctional value- added additives for lubricants	Chemistry	Dr. Suheel Kumar Porwal	41.53 L	DST	36months
4	Design of Novel Hydrogels by Functionalization of Non-Conventional POYSACCHARIDES for use in Drug Delivery	Chemistry	Dr. D.N. Tripathi	18.898L	SERB	36 months
5	Design & develop machine learning techniques for prediction of cancer through big data analysis	CSE	Dr. Arvind kumar Tiwari,	21.78 L	CSIR	36months
			Dr. Suresh Dara			
6	Genetic Alogrithm Optimized Decision with SVM based System for Meningitis Identification	CSE	Dr. Srabanti Maji	18.645 L	SERB	36 months
7	Smart Campus Cloud Project at DIT University	CSE	Dr. Radha Guha	29.87 L	SERB	24 months
8	GSM/3G/HSPA A Drive test and optimization for disaster prone hilly terrain of Badrinath and kedarnath Dham of Uttarakhand, India	ECE & EED	Dr. Sonika Singh,	27.38 L	DST	36months
			Dr. Gagan Singh			
9	Development of Analysis of 1x4, 4x4 to 8x8 phase adopting conformal array antenna for satellite communication	ECE & Mathematics	Ms. Brajlata Chauhan,	29.88	ISRO	36 months
			Dr. Pooja Saxena			
10	Nano Particles doped liquid crystalline materials for capacitive applications	Physics	Mr. Ravi Kumar Shukla,	16.90 L	UCOST	36months

			Dr. K.K. Raina			
11	Synthesis and characterization of thin films of electro- caloric materials for solid state cooling applications	Physics	Dr. Praveen kumar, Mr. Ravi Kumar Shukla	22.65 L	DRDO	36months
12	Development of 2-2 Type Lead Free Magneto- electric Composites for Electronic Devices	Physics	Dr Praveen Kumar	26.00L	DST	36months
13	Lyotropic liquid crystalline materials for capacitive devices and as a water free soft templates to develop nanostructures	Physics	Mr. Ravi Kumar Shukla	42.87 L	DST	36 months
14	Bio Nano Antidressant formulation for brain specificity through EAM-[18543]	Pharmacy	Prof.(Dr.) N.V. Satheesh Madhav, Mr. KetousetuoKuotsu	100.854 L	DBT	36months
15	An Innovative smart scale-up growing technique for Vigna radiate seeds and medicinal herbs using novel bio- bed approach	Pharmacy	Prof.(Dr.) N.V. Satheesh Madhav, Mr. Samir Bhargava	34.02 L	UCOST	24months
16	Nanoformulations development of non-cholinergic inhibitors for treatment of Alzheimer's associated with Diabetes via Retina-To- Brain delivery	Pharmacy	Dr. Bhavna	51.40 L	SERB (EMR) DST	36months
17	Evaluation of Anticancer & Radioprotective Potential of Some Uttarakhand Plants	Pharmacy	Dr. Manmohan Singhal	30 L	ICMR	36months
18	Investigation of Quality parameters in various Water resources of Dehradun and Mussoorie, Uttarakhand	Civil	Dr. Tarumay Ghoshal	26.0 L	MOES	24 months
19	Implication of data assimilation for identifying short scale variations in various biogeochemical characteristics in the Bay of Bengal through Regional Ocean Model Simulations.	Civil	Dr Tarumay Ghoshal	14.00L	DST	uploaded