

S.No	Project Title	PI	Agency	Budget
1.	Multi Layered Thin Film Sensor for Gas Turbine Engine Health Monitoring	Dr. M. Krishna (Mechanical),	DRDO - ERIPR	58Lakhs
2.	Development of Multilayer coatings for enhanced solar thermal absorption at high temperature	Prof. M.S. Krupashankara (Mechanical), Dr. Mohanachandra (HVV)- Joint Research	DST-SERI	481.8 Lakhs
3.	Development of Nano Material and Optically Enabled, Front Surface and Back Contact Tailored, Enhanced Efficiency Amorphous Silicon Solar Cells	Dr. R. Suresh (Chemical), Dr. M. Krishna (Mechanical) (Joint Proposal - RVCE, HHV, MIT-Manipal - CoPIs)	DST - SERI	488.67Lakhs
4.	Investigation of Buckling Performance of Stiffened Polymer Composite Shells for Underwater Vehicle Applications	Dr. H.N. Narasimhamurthy (PI) - Dr. M. Krishna - CoPI (ME)	NRB	31.32Lakhs
5.	Enabling investigations for high-efficiency nanocrystalline α -Si:H HIT Solar Cells	Dr. T K Subramanyam	DST	70 Lakhs
6.	Growth and characterization of noval room temperature grown Nano cluster carbon-based thin film transistor	Dr,K Sreelkakshmi (TC)	UGC	8.32 lakhs
7.	Exploitation of Commercial Silk Waste as Potential Nano Biomaterials	Dr. Pushpa Agrawal (Biotech), Mr. Vijay Kumar (Biotech), Dr. Trilokchandran (Biotech)	DBT	28.02Lakhs
8.	Polymer nano composites laser machining thin film sensors development of coating for solar application	Prof. A Bharatish	VGST	5 Lakhs
9.	Design, Development and Implementation of an adaptable ground vehicle classification system for battlefield surveillance	Dr. M. Uttarakumari (EC)	ARB-DRD O	12.95 Lakhs
10.	Characterization of Electric Double Layer Super Capacitor with CNT Conducting Polymers / Metal Oxide Composites and Nano Dielectrics	Dr. Rudranna Nandihalli (EE)	CPRI (RSOP)	16 Lakhs

11.	Development of Room Temperature Storage Prepare Resin for Composites for Aircraft Applications (CISEE Award)	Dr. K. Natarajan, Chemistry	K-VGST	30 Lakhs
12.	Analysis of Deformation Behaviour of Laminated Polymer-based Composites with Different Notches under Bi-Axial Loading	Prof. Jagannatha Guptha VL (ME)	AR&DB (DRDO)	5.55 Lakhs
13.	Development of carbon nano tube based vacuum Nano electronic X-ray sources for making compact, low power, hand held X-ray systems	Prof.S. Jaganathan (EC)	VTU Research Grants	13.47Lakhs
14.	Spatial distribution of Uranium and associated water quality parameters in Bangalore, Bangalore Rural, Ramanagara, Chikkabellapura and Kolar districts in Karnataka	Dr. Vijayalakshmi (Chemical) Dr. Sham Aan MP (Chemistry) Dr. R. Suresh (Chemical)	BARC-DA E	25.96 Lakhs
15.	Development of geopolymer composites for enhanced mechanical properties and to subside air pollution by the addition of nanoparticles with emphasis on achieving content uniformity	Dr. RadhaKrishna, (CV) Dr. Ujwal Shreenag Meda- Co-PI (Chemical)	DST-Nano Mission	70.04 Lakhs
16.	Development of Multifunctional Electrospun Nanofibrous Composites for Protective Clothing	Dr. H.N. Narasimhamurthy (ME) Dr. Sham Aan MP (Chemistry) Dr. Mamtha V (ME)	AICTE	3.5 Lakhs
17.	"Design and fabrication of flexible artificial basilar epithelium"	Dr. M. Uttarakumari (EC) Dr. Shirisha M (Physics)	DST-SERB	29.97 Lakhs
18.	Development of a novel ultrasonic dental scaler tip using duplex treatment of laser surface texturing and titanium based ceramic coatings for efficient tartar removal	Dr. Bharatish A (ME)	BIRAC	18.34 Lakhs