

List of Sanctioned research Project in Financial Year 2021-22					
APPLIED MECHANICS DEPARTMENT					
Sl	Title of the Projects	Name of the Funding Agency	Name of Principal Investigator	Sanction Date	Sanction Date
1	The effect of axial tension and temperature on stress distribution in SiC fibers at different stage of pyrolysis	DRDO, New Delhi	Dr. V. Murari	16.06.2021	629,625
BIOTECHNOLOGY DEPARTMENT					
1	Generation fo comprehensive methylome towards developing a qPCR based epigenetic biomarker panel for early detection of buccogingival and tongue carcinoma	ICMR, New Delhi	Dr. Manisha Sachan	06.07.2021	3,553,747
2	Phenotypic Characterization and gene mapping of novel early rice flowering mutants during the floral transition and	SERB, New Delhi	Dr. Nand Kumar Singh	27.12.2021	3,036,264
3	Development of a co-culture strategy for enhanced production of streptomycin using a hollow fiber membrane	SERB, New Delhi	Dr. Rupika Sinha	04.01.2022	3,093,608
4	Understanding the human endogenous retrovirus-mediated regulation of CD5 isoform expression and its functional characterization	SERB, New Delhi	Dr. Ambak Kumar Rai Dr. Sameer Srivastava	12.01.2022	4,163,324
5	Engineering adhesive CeO2-Pd nanozyme as effective antibiotics towards bacteria killing	SERB, New Delhi	Dr. Seema Nara	03.02.2022	4,422,240
6	Mentoring and Monitoring of Government School of Uttar Pradesh under Rastriya Aaviskar Abhiyan	Basic Education Dept Govt UP	Dr. Shivesh Sharma	09.12.2021	1,125,000
CHEMICAL ENGINEERING DEPARTMENT					
1	Kinetic and Thermodynamic Analyses of Pyrolysis of Sugarcane Leaves Through Thermogravimetric Analysis	Indian Institute of Chemical Engineering,	Dr. A. N. Sawarkar	03.02.2022	10,000
COMPUTER SCIENCE & ENGINEERING DEPARTMENT					
1	Development of an Integrated intelligent surveillance system for suspicious behaviour analysis	SERB, New Delhi	Dr. Dushyant Kumar Singh	14.09.2021	2,556,400
ELCETRICAL ENGINEERING DEPARTMENT					
1	Design of two-dimensional digital filters using finite-frequency reduced-order modelling	SERB, New Delhi	Dr. Deepak Kumar	14.01.2022	660,000
2	Development of Unintentional Islanding Protection Scheme with Low Voltage & Frequency Ride Through	SERB, New Delhi	Dr. Suman M	16.03.2022	3,323,144
3	Sutainable Energy System for Achieving Novel Carbon Neutarl Energy Communities (SUSTENANCE)	DST, New Delhi	Prof. Nand Kishor / Dr. Manohar Yadav	30.06.2021	6,435,220
ELCETRONICS & COMMUNICATION ENGINEERING DEPARTMENT					
1	Development of Non-Invasive Saliva based Glucometer for Diabetes Management	SERB, New Delhi	Dr. Shweta Tripathi	21.01.2022	2,348,764
MECHANICAL ENGINEERING DEPARTMENT					
1	DHR-GIA Proposal: USHA: Urine Sense towards Health Analysis of kidney	ICMR, New Delhi	Co-PI- Dr. Pranab Kumar Kundu	14.09.2021	996,800