

Sponsored Research Projects (Ongoing)

S. No.	Title	Duration	PI & Co-PI(s)	Total Sanctioned Amount in Lakhs	Sponsoring Agency	Status
1	An Efficient Use of Discarded Heterogeneous Electronic Waste for Development of Cost Effective Microwave Absorber	2017-20	PI: Dr. Ravi Panwar	Rs. 43.94 Lakhs	DST	Ongoing
2	Mechanistic Model Development for Fission Product (FP) Retention for Computer Code PRABHIVINI	2017-18	PI: Dr. Goutam Dutta	Rs. 11.96 Lakhs	BARC	Ongoing
3	Development of Adaptive Double Sided Incremental Forming Process for Dieless Manufacturing	2017-20	PI: Prof. Puneet Tandon Co-PI(s): Dr. P.K. Jain and Dr. P.K. Kankar	Rs. 252.12 Lakhs	IMPRINT India	Ongoing
4	Exploration of 8/9 Nano-meter process variation immune doping- and junction-free devices and their circuits	2017-20	PI. Dr. Jawar Singh	Rs. 31.44 Lakhs	SERB-DST	Ongoing
5	Privacy Enhancing Revocable Biometric Identities (PERBI)	2017-20	PI: Dr. Pritee Khanna Co-PI(s): Dr. Manish Kumar Bajpai and Dr. Ayan Seal	Rs. 28.78 Lakhs	BRNS	Ongoing
6	Computational Design of Functional Nucleotides for Artificial Life	2017-20	PI: Dr. N. R. Jena	Rs. 50.00 Lakhs	DST	Ongoing
7	Development of Low-Cost Science	2016-17	PI. Dr. Mukesh Roy	Rs. 12.60 Lakhs	Vigyan	Ongoing

	experiments/demonstrations for strengthening the activity based science learning in tribal schools				Prasar	
8	Design and Analysis of Multiplierless Multirate Filterbank with Low Complexity	2016-19	PI: Dr. A. Kumar	Rs. 18.79 Lakhs	DST	Ongoing
9	Implementation of Sigma Delta Modulator Using Nanowire Electrically Doped Hetero Material Tunnel Field Effect Transistor (TFET) for Ultra Low Power Applications	2016-19	PI: Dr. Dheeraj Sharma	Rs. 43.48 Lakhs	DST	Ongoing
10	High Sensitive MEMS Piezoresistive Microcantilever	2016-19	PI: Dr. Mohd. Zahid Ansari	Rs. 30.00 Lakhs	DST	Ongoing
11	Fractal based Dielectric Resonator Antennas for Compact, Wideband and High Gain Applications	2016-19	PI: Dr. Biswajeet Mukherjee	Rs. 30.76 Lakhs	DST	Ongoing
12	Investigation of Compact and Miniaturized Dielectric Resonator Antenna loaded with Metamaterial based structures for wireless applications	2016-18	PI: Dr. Biswajeet Mukherjee	Rs. 7.00 Lakhs	Madhya Pradesh Council of Science & Technology , Govt. of MP	Ongoing
13	Design and Development of RF Energy Harvesting Circuits for Low-power Electronic Devices	2015-18	PI: Dr. Jawar Singh	Rs. 54.52 Lakhs	DST	Ongoing
14	Electronic and spintronic properties of halogen functionalized graphene	2015-18	PI: Dr. Neeraj K. Jaiswal	Rs. 19.93 Lakhs	DST	Ongoing

	nanoribbons					
15	Process Development for the Fabrication of Free Form Components through Incremental Sheet Forming	2012-17	PI: Prof. Puneet Tandon Co-PI(s): Dr. P. K. Jain	Rs. 87.83 Lakhs	BRNS, DAE	Ongoing
16	Development of Virtual Laboratory on Automated systems (Mechatronics) supported by National Mission for Education through ICT (NMEICT)	2010-17	PI: Prof. Tanuja Sheorey Co-PI(s): Prof. Puneet Tandon and Prof. V.K. Gupta	Rs. 41.00 Lakhs	Ministry of Human Resource Development (MHRD)	Ongoing
17	Development of Virtual Laboratory on Manufacturing Process supported by National Mission for Education through ICT (NMEICT)	2010-17	PI: Prof. V.K. Gupta Co-PI(s): Prof. Puneet Tandon and Prof. Tanuja Sheorey	Rs. 40.00 Lakhs	Ministry of Human Resource Development (MHRD)	Ongoing
18	Technology Intervention in Product design for the Elderly - Case Studies on Umbrella and Stick Designs	2017-19	PI : Dr. Biswajeet Mukherjee	Rs. 15.68 Lakhs	SEED-DST	Ongoing
19	Radiation effects in gallium oxide	2017	PI : Dr. Yashpal Singh Katharria Co-PI : Dr. Asish Kumar Kundu	Rs. 6.00 Lakhs	Inter-University Accelerator Centre, New Delhi	Ongoing
20	Design, simulation and development of conformal phased array antenna for airborne applications	2018-21	PI : Dr. Dinesh Kumar V. Co-PI : Dr. Manoj S. Parihar	Rs. 54.6 Lakhs	DRDO	Ongoing