

Sponsored Research Projects (Completed)

S. No.	PI	Co-PI	Title	Funding Agency	Duration	Financial Outlay (in Lakhs)	Status
1.	Prof. Aparajita Ojha	Prof. Tanuja Sheorey	Constrained Curve Drawing Algorithm for Robot Motion Planning	DST (Govt. of India)	2010-14	9.24	Completed
2.	Prof. Puneet Tandon	Dr. Pritee Khanna	Geometric Modeling, Analysis and Design for Generic Definitions of Custom-Engineered Cutting Tools	DST (Govt. of India)	2008-12	25.26	Completed
3.	Prof. Puneet Tandon	-	Design of Stove / Chulha for Rural Masses of India	Design Clinic Scheme for MSMEs, Student Design Project	2014-15	1.50	Completed
4.	Dr. Prabin Kumar Padhy	Prof. V.K. Gupta	Brain Controller Mobile Robot	Department of Science and Technology (DST), Govt of India	2012-14	18.50	Completed
5.	Dr. Prabin Kumar Padhy		Improved controlled design for AQM routers supporting TCP flows	Department of Science and Technology (DST), Govt of India	2008-11	3.00	Completed
6.	Prof. Tanuja Sheorey	Prof. Vijay K. Gupta	Implementation of Smart Street Lights along the road network of the campus, under Design innovation Centre at IIITDM Jabalpur	DIC, PDPM IIITDM Jabalpur	2016-17		Completed
7.	Dr. Pavan Kumar Kankar		Damage Detection on a Mechanical Structure (Timoshenko	Centre for Science & Technology of the Non-	2015	2.70	Completed

			Beam, Machine) using Vibration Signature	Aligned and Other Developing Countries			
8.	Dr. M. Amarnath	Dr. Ir. Sivarao Subramonian Associate Professor Manufacturing Engineering, Universiti Teknikal Malaysia	An Alternative Approach in Synthesizing of Micro Laser Lathing for 3D Circular Stock	Ministry of Higher Education (MOHE), Malaysia	2010-12	0.48	Completed
9.	Prof. Puneet Tandon	Prof. V.K. Gupta and Prof. Tanuja Sheorey	Development of a micro pump with NEMS sensing function for an automatic blood collecting and measurement system	DST-JSPS	2010-12	4.38	Completed
10.	Prof. Puneet Tandon		Tracking and Analysis of Metro Bus Service of Jabalpur City Transport Services Ltd. (JCTSL)	District Administration, Jabalpur City	2008-09	1.50	Completed
11.	Dr. N.R. Jena		Understanding of DNA Damage and Repair by Enzyme Residues	DST	2009-11	13.74	Completed
12.	Dr. Amaresh Chandra Mishra		Electrodeposition of magnetic film in the presence of external magnetic field	DST	2015-18	Rs. 27.43 Lakhs	Completed
13.	Dr. Prashant K. Jain	Prof. Puneet Tandon and Dr. P. M. Pandey	Development of Additive-Subtractive Integrated RP System for Improved Part Quality	DST	2014-17	Rs. 19.50 Lakhs	Completed
14.	Dr. Sachin Kumar Jain		Time-Varying Harmonics and Interharmonics Estimation In Real Time for Online	SERB	2013-16	Rs. 19.75 Lakh	Completed

			Applications				
15.	Dr. Neeraj Kumar Jaiswal		Electronics and Spintronics properties of Halogen Functionalized Graphene Nanoribbons	SERB	2015-18	Rs. 19.93 Lakh	Completed
16.	Prof. Puneet Tandon	Dr. P.K. Jain	Process Development for the Fabrication of Free Form Component Through Incremental Sheet forming	BRNS	2012-15 (Extended till December 31, 2017)	Rs. 96.96 Lakh	Completed
17.	Prof. Puneet Tandon	Dr. P.K. Kankar and Dr. P.K. Jain	In-process monitoring of Stamping Process of thin plate	DST-JSPS (India-Japan)	2017-19	Rs. 8.76 Lakhs	Completed