

SPONSORED RESEARCH PROJECTS

Sr. No.	Financial Year	Name of Faculty Investigator	Funding Agency	Title of Project	Sanctioned order No.	Sanctioned Date	Amount In Rs.
1	2017-2020	Dr. Vinay Kumar	SERB, DST, Govt. of India	Design and Development of Underwater Sensor Networks using Magnetic Induction based Communications	ECR/2016/001351	March 2017	2500000
2	2018-2021	Dr. Vinay Kumar	MEITY, Govt. of India	To develop a testbed based on Magnetic Induction (MI) communications for agricultural soil condition monitoring (water concentration, minerals, and toxic chemicals)	12(1)/2015-CC&BT	1/3/2017	4,068,000 (Not yet received)
3	2017-2022	Dr. Prabhat Sharma	Ministry of Electronics & Information Technology	Development and Analysis of Spectrally Efficient Communication System for Future Generation IoT Applications	NA	NA	Not yet received

4	-	Dr.Prabhat Sharma	Ministry of Electronics & Information Technology	Implementation and Analysis of Bi-directional Visible Light Communication Systems with Associated Back-End Technologies			Not yet received
5	2017	V. Satpute	MeitY	Automated video surveillance			37.00 Lacs
6	2017	S.Sinha	Ministry of Electronics & IT, Govt. of India	Application of Deep Learning on dual mode Photoacoustic and Ultrasound images for weakly supervised computer aided cancer diagnosis.			Rs. 37,00,000/- (Thirty Seven lakhs)
7	2017	S.Sinha	SERB, DST, Govt. of India	Development of a customized dual mode in vivo Photoacoustic and Ultrasound Imaging system for early detection of breast cancer			

8	2016-2017	D r. K. M. Bhurchandi	Department of Science and Technology	Development of Digital Dental restoration system	IDP/MED/15/2015	30/3/2016	42,000,00/-
9	2016-2019	Dr.Prabhat Sharma	Science And Engineering Research Board	Full Duplex Wireless Communications: Performance Analysis and Implementation Issues	ECR/2016/000196	20-Sep-16	INR 12,51,790/-
10	2013-2017	Dr Ashwin Kothari	NPIU	Hybridization of Communication and Embedded systems under TEQIP 1.2.1	AC/TEQIP-II/CoE/13/886	7/12/2013	50,000,000/-
11	2014-2017	Dr Ashwin Kothari	Seed grant CoE 4- e ,CoE VNIT	Acoustic Enhancement/ optimizations of A typical Lecture Hall Architectural interventions and signal processing in hot & dry climate Architectural interventions and signal processing in hot & dry climate Through		7/22/2014	9,87,000/-
12	2014-2017	Dr Ashwin Kothari	Seed grant CoE 4- e ,CoE VNIT	Smart structures with failure alarm & adaptive control system	NA	7/22/2014	1,501,000/-

13	2014-2017	Dr Ashwin Kothari	Seed grant CoE 4- e ,CoE VNIT	Design, Development & Fabrication of humanoid robot with adaptive gripping capabilities	NA	7/22/2014	1,008,000/-
14	20 June 2014 – 30 June 2017	Dr. A.Kothari	Seed grant CoE 4- e , CoE VNIT	Interference mitigation in (BAN) Body Area Network through spectrum sensing			6.3 lakh
15	2014-2017	Dr Ashwin Kothari	Seed grant CoE 4- e ,CoE VNIT	Development of camera based sensor for motion detection and its application for energy saving	NA	7/22/2014	1,225,000/-
16	2013---	Dr.A.G.Keskar	MHRD	Centre of Excellence		-	5.00 Crores
17	2012-2016	D r. K. M. Bhurchandi	Board of Research in Nuclear science	Scale and Illumination invariant recognition of human faces using gray level still images	2012/36/09-BRNS	25/7/2012	21,95,000/-
18	2012 (completed)	V. Satpute	BRNS	Scale Invariant Human Face Detection and Recognition System for Gray Level Still Images			21.95 Lakhs

19	2005-2008	Dr.A.G.Keskar	MHRD	Fuzzy Embedded Platform			7.00 Lakh
20	1995-1999	Dr.A.G.Keskar	AICTE	Modernization of Electronics Labs			5.00 Lakh
21	1992-1994	Dr.A.G.Keskar	AICTE	Microprocessor Laboratory			7.50 Lakh
22	2014	Dr. A. S. Gandhi, Dr. S.S. Bhat	Police Dept., Govt. of	Design of Wireless CCTV system for Kamptee town			1.2 lakh
23	2013	Dr. A. S. Gandhi, DR. S.S. Bhat	Police Dept., Govt. of	Design of Wireless CCTV System for Gondia city			2.25 lakh
24	2006-2009	Dr. A. S. Gandhi, Dr. P. M.	MHRD	Protocol Validation System for Network on Chip			10 lakh
25	2002	Dr. A. S. Gandhi	M/s Concretio India Pvt.	Development of Menu Display System for IVRS			40,000