

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
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 Lacs

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