

BHARATI VIDYAPEETH
(DEEMED to be UNIVERSITY)
COLLEGE OF ENGINEERING, PUNE

Department of Electronics & Communication Engineering

Summary of Research Projects/Grants

Sr. No	Academic Year	Name of Principal investigator	Title of the project	Sponsoring Agency	Total outlay of the project
1.	2019-20	Dr. S. P. Gaikwad Mr. S.R. Madkar	Grants for Short Term Training Program (STTP) under AQIS	AICTE	Rs. 3,00,000
2.	2019-20	Dr. A. A. Shinde	Modernize and remove obsolescence in the laboratories (MODROB)	AICTE	Rs. 12,00,000
3.	2022-23	Prof. Harshada Mhetre	Synthesis and characterization of electro spun nanofiber to improve the efficiency of solar cell	Bharti Vidyapeeth (Deemed to be University)	Rs. 50,000.00
4.	2023-24	Dr. Dhiraj M. Dhane	Pilot study of wound analyzer for accurate prediction of healing rate	Bharti Vidyapeeth (Deemed to be University)	Rs. 1,50,000
5.	2023-24	Dr. Tanuja S. Dhope	Inappropriate body posture detection and prediction of spine related issues arising thereof	Bharti Vidyapeeth (Deemed to be University)	Rs. 85,000.00
6.	2023-24	Prof. Harshada Mhetre	Optimizing photoanode film for electro spun nanofiber to improve the efficiency of solar cell using hot pressed method controlled calcination.	Bharti Vidyapeeth (Deemed to be University)	Rs. 35,000.00
7.	2024-25	Dr. Dhiraj M. Dhane	Ischemic stroke volume estimation with clinical features with artificial intelligence.	Bharti Vidyapeeth (Deemed to be University)	Rs. 1,50,000
8.	2025-26	1. Dr. Tanuja Satish Dhope (PI) 2. Dr. Dhiraj M. Dhane (Co-PI)	GauRaksha: Preventive Cattle Healthcare for Sustainable Dairy Farming in Saswad, District Pune, India	IEEE EPICS	USD: 5,910.00
9.	2025-26	Dr. Tanuja S. Dhope	Multi-modal Biomechanics Acquisition: Integrated Force, Kinematics and Biosignals Platform for Rehabilitation	Bharti Vidyapeeth (Deemed to be University)	Rs. 3,00,000
10.	2025-26	Dr. Shankar R. Madkar	Design and implementation of drone in Healthcare for Hilly areas.	Bharti Vidyapeeth (Deemed to be University)	Rs. 1,00,000
11.	2025-26	Dr. Sharda P. Tondare	Development of the low-cost portable microplastic detection system using NileRed Fluorescence imaging and YOLOv8 based Deep Learning	Bharti Vidyapeeth (Deemed to be University)	Rs. 50,000
12.	2025-26	Dr. Prajakta R. Naregalkar	Real-time Remote Health Monitoring & Anomaly Detection System	Bharti Vidyapeeth (Deemed to be University)	Rs. 1,00,000