

Projects under 'Research Initiation Fund Scheme

Sr. No	Project Title	Principal Investigator (Faculty)	Co-Principal Investigator (Faculty)	Start date	Amount sanctioned /Spent	Status
1.	Multi-modal (non-perfused and perfused) portable incubator for culturing cells	Prof. Pratima Kulkarni	Dr. Dhananjay Bodas	1/1/2022	2,00,000/-	Completed
2.	Crack detection for Canal Inspection Using Autonomous Underwater Vehicle (AUV)	Dr. Swati Madhe	Dr. Vaishali Upadhye	1/1/2022	40,661/-	Completed
3.	Multimodal (non-perfused and perfused) Portable Incubator for Culturing Cells	Prof. Pratima Kulkarni	Dr. Dhananjay Bodas	2/1/2024	2,00,000/-	Ongoing
4.	Real-time Machine-vision System for Onion Classification and Sorting using Artificial Intelligence	Prof. Tejashree Pawar	Dr. Ashwini Deshpande	12/03/2024	2,00,000/-	Ongoing
5.	IndiSignEdu: An AI-enabled ISL e-learning system development to aid deaf students	Prof. Prachi Waghmare	Dr. Ashwini Deshpande	12/03/2024	2,00,000/-	Ongoing
6.	Use of Mixed Reality for Historical Places	Dr. Anagha Kulkarni	-	1/09/ 2024	2,00,000/-	Ongoing
7.	Design and Development of a Test Rig for Enhancing Energy Efficiency of Solar Air Conditioning System using Integration of Desiccant Wheel for Hot Climate	Dr. Parag Chaware	-	1/09/ 2024	2,00,000/-	Ongoing
8.	IoT Enabled Long Range Communication System for Emergency	Dr. Dipali Ramdasi	Dr. Swati Madhe	1/09/ 2024	2,00,000/-	Ongoing
9.	Analysis of human cognition using EEG Signals	Prof. Prajakta Deshpande	Dr. Makarand Velankar Dr. Sneha Thombre	1/09/ 2024	2,00,000/-	Ongoing
10.	Comfortable Advanced Smart (CAS) - Sheet for Patient and infant monitoring	Dr. Chhaya Gosavi	Dr. Shilpa Pant Dr. Ashwini Rajurkar	3/03/2025	1,60,000/-	Ongoing

11.	Development of Marathi WordNet: A Lexical Database for Enhanced Marathi Language Understanding.	Prof. Pranjali Deshpande	Dr. Sunita Jahirabadkar	24/02/2025	2,00,000/-	Ongoing
12.	Smart Health analysis of pregnant women using wearable computing	Prof. Meenal Kamlakar	Dr. Dipti Patil	3/03/2025	1,75,000/-	Ongoing
13.	A Green Approach in Determination of Water Alkalinity using natural Indicator (s)	Dr. Malini Bapat	-	24/02/2025	1,72,000/-	Ongoing
14.	Experimental Investigation for developing cost effective instrument to quantify Paneer Quality by Analyzing Adulteration	Dr. Anand Bewoor	Dr. Atul Joshi	24/02/2025	2,00,000/-	Ongoing