



Annasaheb Dange College of Engineering and Technology, Ashta
(An Empowered Autonomous Institute affiliated to Shivaji University, Kolhapur)
(NAAC A++ Grade Accredited Institute, NBA Accredited Programs)
Office of Dean Research, Innovation and Startups



FUNDED RESEARCH PROJECTS 2024-25

Sr.No	Name of PI/Co-PI	Department	Project Title	Name of Funding Agency	Funded Amount(Rs.)
1.	Mr. G. M. Chendake	Mechanical	Development of a Refrigerant Charging and Evacuation Setup for HVAC&R	ASHRAE American Society for Heating, Refrigeration & Air-Conditioning Engineers	93,000/-
2.	Dr. A. R. Kadam Mr. G. M. Chendake	Mechanical	Energy efficient storage water cooler	ADCET, Ashta	20,000/-
3.	Mr. A. R. Pradnyavant	Computer Science	Stock Price Prediction using Explainable AI	ADCET, Ashta	20,000/-
4.	Mr. Rajendra B. Madake Mrs. Deepali. A. Suryawanshi	Electrical	Mitigation of power quality issues in power system using static synchronous compensator	ADCET, Ashta	20,000/-
5.	Dr. S. Yuvaraj	Aeronautical	Design, Fabrication, and Testing of a Hydrogen Storage System of Fuel Cell	ADCET, Ashta	20,000/-
6.	Dr. Manoj H. Mota	Civil	Unnat Bharat Abhiyaan	IIT Bombay	50,000/-
7.	Dr. Manoj H. Mota	Civil	Use of pulverized E waste and saw-dust as a replacement of wood based MDF	ADCET, Ashta	20,000/-
8.	Mr. Yashodip Pawar Mr. Ashish Patil	Food	Integrating Artificial Intelligence for sustainable food production and waste minimization	ADCET, Ashta	20,000/-
9.	Dr. Asma Shaikh Dr. Krishna Kumar	AIDS	AI-Powered Weed Detection and Precision Herbicide Spraying System for Sustainable Agriculture	ADCET, Ashta	20,000/-
10.	Dr. Madhav J. Salunkhe Mrs. Madhuri J. S	CS-IoT	SafeNet: AI-powered browser extension to detect fake news and misinformation on social media	ADCET, Ashta	20,000/-
11.	Mr. Laxman S. Sawant Dr. Santhosh S. Desai	Basic Science	Prototype Development of a Multifunctional Chalk Holder: Transforming Classroom Tools for Enhanced Learning	ADCET, Ashta	20,000/-
12.	Mr. Rahul B. Deshmukh Mrs. Surekha D. Mane	Basic Science	Fabrication of thin film of ZnO through spray pyrolysis method.	ADCET, Ashta	10,000/-