

List of Funded Research Projects (last three years)

Sr.No.	Academic year (July to May)	Name of faculty incharge	Project Title	Funding agency	Amount in lakhs	Duration
1	2025-26	Prof. Mohite S S	Design and Development of Cylinder Liner Cavitation Test Rig	Cummins Technologies India Pvt Ltd	50.00	1 Year (\$60k)
2	2025-26	Prof. Mohite S S	Mechanism for prevention, controlled retardation of the reverse rotation of vertical Pump using smart fluid breaking	Wilo Mather and Platt, Pune	15.34	2 Year
3	2024-25	Prof. Mohite S S	Studies on integrated thermal management systems for EV	Saleri Italo S.P.A.(Industry)	14.49	3 Years
4	2024-25	Dr. Chougule N K	Performance Enhancement of Rotary Rake Machine for Sugarcane trash collection	Vasandata Sugar Institute	4.90	2 Year
5	2024-25	Prof. Nandgaonkar M R	Ethenol and Hydrogen dual fuel in diesel engine	Vasandata Sugar Institute	17	1 Yaer
6	2024-25	Dr. Chougule N K	M.Tech Students Internship	Ansys Software Pvt. Ltd.	20.5	3 Year
7	2024-25	Dr. Chougule N K	Donation of 3D Printer for student use & Nx software for one year	Siemens Industry Software India Pvt	150.00	1 Year
8	2024-25	Dr. Chougule N K	CSR Fund to developed center of excellence in electric mobility	FIAT INDIA AUTOMOBILES Pvt.	150.00	1 Year
9	2023-24	Dr. Ohol S S	Feasibility analysis and experimental study of turret gun control system	DRDO	99.61	3 Years
10	2023-24	Dr. Pardeshi S S	Development of AR & VR Laboratory	Alumni Association	105.00	3 Years
11	2023-24	Dr. Pardeshi S S	Agricultural revitalization in higher education institutions of Asian countries (AGRHI) proposal number - 101128059	Erasmus Project	64.56	3 Years 70,835
12	2023-24	Prof. Mohite S S	IOT Based prognostics and health monitoring of a machining centre incorporating digital-twin technology	DST's SERB	29.99	3 Years
13	2023-24	Prof. Nandgaonkar M R	Effect of important parameters on the performance and emission characteristics of CRDI diesel engine using hydrogen as dual fuel	ATA Freightline India PVT.	12.85	1 Year
14	2023-24	Prof. Nandgaonkar M R	Investigation of combustion performance & emission characteristics of an alcohol fueled(Ethenol) CRDI diesel engine	Vasandata Sugar Institute	10.83	1 Year
15	2023-24	Dr. Chougule N K	Development of ring type biomass pellet making machine	Sai Industries, Nashik	2	