

Sr No	Academic year (June to May)	Name	project title	Funding agency	Amount in lakhs	Duration
1	2020-21	Dr. Bhattu A P	Development of Vibration and Accoustic Laboratory	Fluid Controls Pvt. Ltd. Pune	7.5	1 Year
2	2020-21	Dr. Chougule N K	Creo 6.0	TEQIP-III	1.81	1 Years
3	2020-21	Dr. Chougule N K	Customised 3D Food Printer Development	COEP Interdisciplinary Minor Research Project	5	2 Years
4	2020-21	Dr. Khond M P	Moderation of Industrial Fluid Power	AICTE-MODROB	10.5	2 Year
5	2020-21	Dr. Khond M P	Moderation of Industrial Fluid Power	AICTE-MODROB	10.5	2 Years
6	2020-21	Dr. Nandgaonkar M R	Design and Development of Battery Thermal Management System for Electric Vehicles	AICTE-RPS-NDF	24	2 Year
7	2020-21	Dr. Nandgaonkar M R	Piezoelectric pressure Sensor with combustion chamber	TEQIP-III	3.54	1 Years
8	2020-21	Dr. Nandgaonkar M R	Battery Tester	TEQIP-III	1.89	1 Years
9	2020-21	Dr. Ohol S	Automated Bone Alignment Post-surgery Orthopedicpatients Straight Bone Fractures	TEQIP-III	4.86	1 Years
10	2020-21	Dr. Ohol S	Develop the Techno Economical Calibration Methodology Commonly industrial Robot Arm	TEQIP-III	4.68	1 Years
11	2020-21	Dr. Ohol S	Software Based Calibration	TEQIP-III	4.68	1 Years
12	2020-21	Dr. Sapali S N	Air conditioning Experimental Equipment with NI software DAQ	AICTE-MODROB	11	2 Year
13	2020-21	Mr. Kadam S M	Dyno Controller	TEQIP-III	2.34	1 Years

14	2020-21	Mr. Shinde H P	Silicone oil Pump	TEQIP-III	1.61	1 Years
15	2021-22	Dr. Bhalla V	Thermal ablation of breast tumor using biocompatible nanoparticles	College of Engineering Pune	5	2 Years
16	2021-22	Dr. Chougule N K	Comparative Study of Various Configurations of LEM and Design, Analysis of LPMSM	R&D (E), DRDO Kalas, Dighi Road, Pune	10	2 Years
17	2021-22	Dr. Chougule N K	Performance improvement of rotary rake machine for sugarcane trash collection	College of Engineering Pune	4.9	2 Years
18	2021-22	Dr. Chougule N K	Comparative study of various configurations of linear Electrical Machines and design and analysis of linear permanent magnet synchronous motor for Electromagnetic Launch Systems	R&D (E), DRDO Kalas, Dighi Road, Pune	10	1 Years
19	2021-22	Dr. Dhamangaonkar P R	Development Of Bulging Rate of tube testing system & Predicting remaining life Of tube placed in high temperature Zone	College of Engineering Pune	5	2 Years
20	2021-22	Dr. Lahane S V	Development of Plug-in hybrid electric engine (PHEE) by extending the existing facility of computerized CRDI Diesel Engine for power generation	College of Engineering Pune	5	2 Years
21	2021-22	Dr. Nandgaonkar M R	Enhancement of heat tranferefficiency of lithium-ion battery packs using design of wavy fins	College of Engineering Pune	4.5	2 Years
22	2021-22	Dr. Shikalgar N D	Developement and manufacturing of tarpaulin (tarps) material & Developmenmt of adequate ventilation system to preserv onions	College of Engineering Pune	4.9	2 Years

23	2022-23	Dr. Chougule N K	Performance of Rotary Rake Machine For sugarcane Trash Collection	COEP Interdisciplinary Minor Research Project	4.9	2 Years
24	2023-24	Dr. Mohite S S	IOT Based prognostics and health monitoring of a machining centre incorporating digital-twin technology	DST's SERB	30	3 Years
25	2023-24	Dr. 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. LTD.	12.85	1 Year
26	2023-24	Dr. Nandgaonkar M R	Investigation of combustion performance & emission characteristics of an alcohol fueled (Ethanol)CRDI diesel engine	ATA freight line india private limited	10.83	1 year
27	2023-24	Dr. Ohol S	Feasibility analysis and experimental study of turret gun control system	ARDE, Pashan	99.6	3 Years
28	2023-24	Dr. Pardeshi S S	Agricultural revitalization in higher education institutions of Asian countries (AGRHI) proposal number - 101128059	Erasmus Project	63.42919 Euro	3 Years
29	2023-24	Dr. Pardeshi S S	Development of AR & VR Laboratory	Alumni Association	105	3 Years
30	2023-24	Dr. Sapali S N	Air conditioning Experimental Equipment with NI software DAQ	AICTE-MODROB	11	,
31	2023-24	Dr. Shinde P S	Fatigue growth characterization at cold and elevated temperatures of cracked thin aluminium-alloy panels repaired with polymer composite patch	Structures panel, Aeronautic Research & Development Board, DRDO, New Delhi	16.22	

32	2023-24	Dr. Shinde P S	Optimum design of composite patches to arrest a crack in thin plates	Structures panel, Aeronautic Research & Development Board, DRDO	16.75	
33	2024-25	Dr. Mohite S S	Studies on integrated thermal management systems for EV	Saleri Italo S.P.A.(Industry)	14.49	1 Years
34		Dr. Bhattu A P	Development of Vibration and Accoustic Laboratory	Fluid Controls Pvt. Ltd. Pune	7.5	1 Years
35		Dr. Nandgaonkar M R	Ethenol and Hydrogen duel fuel in diesel engine	VSI Pune	20	
36	2023-24	Dr. Pardeshi S S	AR/VR laboratory set up	Mr. Jalesh Daulat, Alumnai COEP	100	1