

Details of Design and Fabrication Projects for 2023–2024

S.No	Project title	In-House/ Industrial Project	Members	Guide	Project Classification	Factors Considered	Mapping with POs and PSOs
1.	Design and Fabrication of Two Wheeler stand cum bumper with safety device.	In-House	Kesavan P P	Dr.M.R.THANSEKHAR Prof./Mech.Engg.	Product	Cost and Safety	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO11,PO12,PSO1 PSO2,PSO3
2.			Suseendhar V				
3.			Gunal M				
4.	Design and Fabrication of door based power generation.	In-House	Dhamodharan S	Dr.P.SABARINATH ASP/Mech.Engg	Application	Cost	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO11,PO12,PSO1 PSO2,PSO3
5.			Harish Kumar S A				
6.			Bhuvaneshwaran M				
7.	Design and Fabrication of Foot step power generation.	In-House	Prasanna B P	Dr.P.SABARINATH ASP/Mech.Engg.	Application	Cost	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO11,PO12,PSO1 PSO2,PSO3
8.			Prasanth S				
9.			Bazil Ganth P				
10.	Design and Fabrication of Eco Friendly Road Cleaner.	In-House	Jebin Benny Richard A	Dr.P.SABARINATH ASP/Mech.Engg.	Product	Cost and Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO11,PO12,PSO1 PSO2,PSO3
11.			Rajesh V				
12.			Vignesh Kumar A				
13.	Design and fabrication of active sun tracking solar panel system.	In-House	Richard Britto Roy S	Dr.D.SATHEESH PANDIAN ASP/Mech.Engg.	Application	Cost and Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO11,PO12,PSO1 PSO2,PSO3
14.			Vijaykumar N R				
15.			Kumaraguru T				
16.	Design and fabrication of combined water and air cooler system.	In-House	Shanmugaraj Ashok Kumar M	DR.V.SIVARAMKUMAR ASP/Mech.Engg.	Product	Cost and Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO12,PSO1,PSO2, PSO3
17.			Manikandan P				

18.	Design and Fabrication of Automated triple coconut scraper	In-House	Veeramanikandan M	Dr.C.ANBUMEENAKSHI ASP/Mech.Engg.	Product	Cost and Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO12,PSO1,PSO2, PSO3
19.			Jai Sarvesh S K				
20.			Harivarman M				
21.	Design and Fabrication of Multipurpose Wheel Chair	In-House	Sanjai D	Dr.C.ANBUMEENAKSHI ASP/Mech.Engg.	Product	Cost and Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO12,PSO1,PSO2, PSO3
22.			Santhosh Pandi J				
23.			Harivignesh M				
24.	Design and Fabrication of Multi-purpose Weight Lifting Machine.	In-House	Sakthi Abishek T	Mr. RAJKUMAR N ASP/Mech.Engg.	Product	Cost and Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO12,PSO1,PSO2, PSO3
25.			Viswanath S				
26.			Marieswaran K				
27.	Design and Fabrication of Multipurpose Machine	In-House	Yoogarajan R G	Mr. RAJKUMAR N ASP/Mech.Engg.	Application	Cost	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO1 0,PO11,PO12,PSO1 PSO2,PSO3
28.			Anjankumar J G				
29.			Naveen M				
30.	Design and Fabrication of Smart Helmet with enhanced protection and thermal comfort.	In-House	Sinduja A	Dr.D.MUTHUKRISHNAN AP/Mech.Engg.	Application	Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO12,PSO1,PSO2, PSO3
31.			Sowmitha K G				
32.			Prathiksha K				
33.	Design and Fabrication of Fire Fighting Autonomous car.	In-House	Dines Prasanna P G	Dr.D.MUTHUKRISHNAN AP/Mech.Engg.	Application	Standards and safety	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO12,PSO1,PSO2, PSO3
34.			Vignesh Balaji A K				
35.			Srivarshan K S				
36.	Design and Fabrication of Agrobot water sprinkler with obstacle detection.	In-House	Naveenkumar J	Mr.E.V.GANESHBABU AP/Mech.Engg.	Application	Cost and Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO12,PSO1,PSO2, PSO3
37.			Mohamed Salman Parisi K				
38.			Mohamed Rasith K				
39.	Design and Fabrication of Automatic wind screen viper.	In-House	Sanjay Kumar S	Mr.E.V.GANESHBABU AP/Mech.Engg.	Product	Cost and Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO12,PSO1,PSO2, PSO3
40.			Pandiswaran P				

41.	Design and Fabrication of automatic e-Vehicle battery cooling system.	In-House	Bharath S	Mr.E.V.GANESHBABU AP/Mech.Engg.	Application	Cost	PO5,PO6,PO7, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3
42.			Baulaswin P				
43.			Vishwa R				
44.	Design and Fabrication of Mechanisms for physically challenge people to foot on the next step.	In-House	Kamalesh G V	Mr. S.Nallathambi S AP/Mech.Engg.	Application	Cost and Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO7, PO9, PO10,PO12,PSO1, PSO2,PSO3
45.			Sundareswaran S				
46.	Design Fabrication of Self-Aligning Robot	In-House	Raghul T	Mr.M.MOHANRAJ AP/Mech.Engg.	Application	Cost	PO5,PO6,PO7, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3
47.			Vel Murugan R				
48.			Amarnath R G				
49.	Design and Fabrication of Friction Stir Welding Tool.	In-House	Harish K D	Mr.M.MOHANRAJ AP/Mech.Engg	Product	Cost and Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO9, PO10,PO12,PSO1, PSO2,PSO3
50.			Ragamathulla G				
51.			Deepak Kumar B				
52.	Design and Fabrication of Time based Smart Speed Breaker using Embedded systems.	In-House	Navaneethan M	Mr.T.SAMYNATHAN AP/Mech.Engg.	Application	Cost and Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO9, PO10,PO12PSO1, PSO2,PSO3
53.			Karthickvel S				
54.			Gokul Kannan K				
55.	Design and Fabrication of Four axis Robotic arm	In-House	Hariprasanth S P	Mr.T.SAMYNATHAN AP/Mech.Engg.	Product	Cost and Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO9, PO10,PO12,PSO1, PSO2,PSO3
56.			Pradeep R				
57.			Suryaprakash S				
58.	Design and Fabrication of Power Generation by using SEE-SAW Mechanism.	In-House	Harivikash S R	Mr.T.L.VIJAYAKUMAR AP/Mech.Engg.	Application	Cost and Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO9, PO10, PO12PSO1, PSO2,PSO3
59.			Nagarjun S P				
60.			Narayana Kumar M				
61.	Design and Fabrication of Forklift.	In-House	Lallu Perumal S	Mrs.B.DEVI AP/Mech.Engg.	Product	Cost	PO1,PO2,PO3,PO4, PO5,PO6,PO7, PO9,PO11,PO12 PSO1,PSO2,PSO3
62.			Udhesh Kannan K B				
63.			Sivaprakash S				

64.	Design and fabrication of 360 degree rotating conveyer	Mohamed Nowfal Khan M	Mrs.B.DEVI AP/Mech.Engg.	Product	Cost and Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO9, PO10, PO12PSO1, PSO2,PSO3
65.		Sivabharathi V S				

