

Details of Design and Fabrication Projects for 2022 – 2023

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	In - House	Sathyanarayanan P	Dr.M.R.THANSEKHAR Prof./ Mech.Engg	Product	Standards Cost	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO1 0,PO11,PO12,PSO1 PSO2,PSO3
2.			Sakthivel S				
3.			Arun pandi V				
4.	Design and fabrication of a convergent divergent nozzle	In - House	Balaji M S	Dr.M.R.THANSEKHAR Prof./ Mech.Engg	Application	Cost	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO1 0,PO11,PO12,PSO1 PSO2,PSO3
5.			Keerthivasan S				
6.			Kishore Kannan K				
7.	Design and fabrication of water pumping system using solar power	In - House	Logith M	Dr.P.SABARINATH ASP/ Mech.Engg	Product	Cost	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO1 0,PO11,PO12,PSO1 PSO2,PSO3
8.			Manikandan D				
9.			Esakkiraj L				
10.	Design and fabrication of power generation using speed breaker mechanism	In - House	Sanjay R	Dr.P.SABARINATH ASP/ Mech.Engg	Application	Cost	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO1 0,PO11,PO12,PSO1 PSO2,PSO3
11.			Sanjay P S				
12.			Sivaprakash T P				
13.	Design and fabrication of steering wheel with movable headlight	In - House	Manoj Prabhakar G B	Dr.D.SATHEESH PANDIAN ASP/ Mech.Engg	Application	Cost, Safety and Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO1 0,PO11,PO12,PSO1 PSO2,PSO3
14.			Subash Aathavan B				
15.			Joel jerry A				
16.	Design and fabrication of solar panel tilting mechanism	In - House	Sarantheep Sachena S	Dr.D.SATHEESH PANDIAN ASP/ Mech.Engg	Application	Cost and Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
17.			Santhosh N				
18.			Dinesh Pandi P				

19.	Design and fabrication of pedal operating air compressor	In - House	Dharmavel T	Dr.A.HEMALATHA ASP/ Mech.Engg	Application	Safety and cost	PO1,PO2,PO3,PO4, PO5, PO6,PO7, PO9, PO10,PO11,PO12 PSO1, PSO2, PSO3
20.			Suresh Gopi K				
21.			Sudharsan G				
22.	Design and fabrication of Catalytic converter	In - House	Kaleeswaran P	Dr.A.HEMALATHA ASP/ Mech.Engg	Application	Cost	PO1,PO2,PO3,PO4, PO5, PO6,PO7, PO9, PO11,PO12 PSO1, PSO2, PSO3
23.			Mukesh Selvam R M				
24.			Komalavaradhan R				
25.	Design and fabrication of low cost dumping mechanism	In - House	Divyesh J	Dr.C.ANBUMEENAKSHI ASP/ Mech.Engg	Product	Cost	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO11,PO12,PSO1, PSO2,PSO3
26.			Pugazholi A				
27.			Manoj kumar A				
28.	Design and fabrication of overhead water tank cleaning machine	In - House	Nithesh Kumar S	Dr.C.ANBUMEENAKSHI ASP/ Mech.Engg	Application	Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
29.			Arun Kumar M				
30.			Chandru A				
31.	Design and fabrication of drilling machine with gearless power transmission system	In - House	Althaf Khan Ghorl M	Dr.D.MUTHUKRISHNAN AP/ Mech.Engg	Application	Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
32.			Sivaprakash M S				
33.			Pandiyan C				
34.	Design and fabrication of electric car jack	In - House	Harish S	Dr.D.MUTHUKRISHNAN AP/ Mech.Engg	Product	Cost	PO1,PO2,PO3,PO4, PO5, PO6,PO7, PO9, PO11,PO12 PSO1, PSO2, PSO3
35.			Karikalan U				
36.			Sakthi kumar G				
37.	Design and fabrication of dusting using wiper mechanism	In - House	Bharathraj S	Mr.E.V.GANESH BABU AP/ Mech.Engg	Application	Standards Cost	PO1, PO2,PO3, PO7, PO9, PSO1, PSO3
38.			Vijay raj S				
39.			Raghul M P				
40.	Design and fabrication of	In - House	Mohammed Irfhan Z	Mr.E.V.GANESH BABU	Application	Safety and	PO1,PO2,PO3,PO4,

41.	emergency braking system		Sri Muthu Sankar V	AP/ Mech.Engg		cost	PO5, PO6,PO7, PO9, PO10,PO11,PO12 PSO1, PSO2, PSO3
42.			Naveen Rajaa M				
43.	Design and fabrication of spring less car suspension using bevel gears	In - House	Harisudhan R	Mr.E.V.GANESH BABU AP/ Mech.Engg	Application	Cost and Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
44.			Sivakumar R				
45.	Design and fabrication of kinetic energy recovery system for bicycle	In - House	Madan @ Saravanan S	Mr.S.NALLATHAMBI AP/ Mech.Engg	Research	Standards	PO1,PO2,P03,PO5, PO9,PSO1, PSO3
46.			HariKrishnakanth R				
47.	Design and fabrication of gyro wind mill for power generation	In - House	Ramnath L S	Mr.S.NALLATHAMBI AP/ Mech.Engg	Research	Standards	PO1, PO2, PO9. PSO1, PSO3
48.			Kishore R				
49.			Balaji M S				
50.	Design and fabrication of 360 ⁰ rotating conveyor	In - House	Srinivashan Madhavan P	Mr.S.NALLATHAMBI AP/ Mech.Engg	Application	Cost and Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
51.			Kallin C L Chand				
52.			Hasan Ibrahim A S K				
53.	Design and fabrication of drainage cleaning mechanism	In - House	Mugabalan M	Dr.N.NAGASUBRAMANI AN AP/ Mech.Engg	Application	Cost and Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
54.			Dhinesh Kumar K				
55.			Prasanna R				
56.	Design and fabrication of Geneva conveyor mechanism	In - House	Venkatesh A J	Mr.M.MOHANRAJ AP/ Mech.Engg	Application	Cost and Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
57.			Akilasekar K				
58.			Viswa Siva M				
59.	Design and fabrication of drill jig	In - House	Raja Ranjith N	Mr.M.MOHANRAJ AP/ Mech.Engg	Product	Cost	PO1,PO2,PO3,PO4, PO5, PO6,PO7, PO9, PO11,PO12 PSO1, PSO2, PSO3
60.			Vigneshwaran K				
61.			Sivasurya S				

62.	Design and fabrication of multi operational drilling and grinding machine	In - House	Eswar Ram K S	Mr.M.MOHANRAJ AP/ Mech.Engg	Product	Standards Cost	PO1,PO2,PO3,PO4, PO5, PO6,PO7, PO9, PO11,PO12 PSO1, PSO2, PSO3
63.			Manikandan R				
64.			Adithyan R				
65.	Design and fabrication of five speed gearbox	In - House	Nivethitha Mary A	Mr.M.MOHANRAJ AP/ Mech.Engg	Research	Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO1 0, PO11,PO12,PSO1, PSO2,PSO3
66.			Siva sankar K A				
67.			Sanjay Kumar M S				
68.	Design and fabrication of vertical axis wind turbine	In - House	Dharsin Kumar B	Mr.T.SAMYNATHAN AP/ Mech.Engg	Application	Cost and Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
69.			Saraan P				
70.			Duraimurugan S				
71.	Design and fabrication of power generation by shock absorber	In - House	Mahesh Siva K	Mr.T.SAMYNATHAN AP/ Mech.Engg	Application	Cost, Safety and Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
72.			Om Prakash M				
73.			Mukesh Ram G				
74.	Design and fabrication of hand pump power generation	In - House	Karthikeyan J R	Mr.T.SAMYNATHAN AP/ Mech.Engg	Application	Cost, Safety and Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
75.			Thejoshwar R				
76.			Vignesh B K				
77.	Design and fabrication of road and floor cleaner machine	In - House	Gokul Prasath S	Mr.T.L.VIJAYAKUMAR AP/ Mech.Engg	Application	Cost and Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
78.			Nagoor Sheriff S				
79.			Sameer Dawood M				
80.	Design and fabrication of power generation by using footstep	In - House	Abhinav Krishna M	Mr.T.L.VIJAYAKUMAR AP/ Mech.Engg	Application	Cost and Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
81.			Shaileshwaran S				
82.			Tharanitharan M				
83.	Design and fabrication of scotch yoke mechanism	In - House	Sudharsan G	Mrs.B.DEVI AP/ Mech.Engg	Application	Cost	PO1,PO2,PO3,PO4, PO5, PO6,, PO9,
84.			Senthil Kumar B				

85.			LogeshKannan A				PO10,PO12 PSO1, PSO2, PSO3
86	Design and fabrication of power generation of speed breaker	In - House	Naveen Vishak P K	Mrs.B.DEVI AP/ Mech.Engg	Application	Cost	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
87.			Rooban N				