

**Details of Design and Fabrication Projects for 2018 – 2019**

S.No	Project title	In-House/ Industrial Project	Members	Guide	Project Classification	Factors Considered	Mapping with POs and PSOs
1.	Design and Fabrication of banana leaf cutting machine in round shape	In - House	R.S.HEMANTH BABU	Mr.D.SATHEESH PANDIAN ASP/ Mech.Engg	Product	Standards Cost	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO11,PO12,PSO1, PSO2,PSO3
2.			S.J.HARISHWAR				
3.			P.KIRANNATH				
4.	Design and Fabrication of bore well rescue equipment	In - House	M.ARU KUMAR	Mr.T.SAMYNATHAN AP/ Mech.Engg	Application	Cost, Safety and Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO11,PO12,PSO1, PSO2,PSO3
5.			RK.PONSANKARA NAVEEN				
6.			I.PRADEEP KUMAR				
7.	Design and Fabrication of Sand filter and separator	In - House	R.RAJESH KANNAN	Mrs.B.DEVI AP/ Mech.Engg	Product	Cost	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO11,PO12,PSO1, PSO2,PSO3
8.			K.PRASANNA RAJA				
9.			P.RAJAPANDI				
10.	Design and Fabrication of multipurpose seed sowing machine	In - House	T.V.S.ARUN SESATHRI	Mr.K.J.NAGARAJAN AP/ Mech.Engg	Application	Cost	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO11,PO12,PSO1, PSO2,PSO3
11.			M.MADHAVAN				
12.			M.PREM KUMAR				
13.			J.RAKESH KUMAR				
14.	Design and Fabrication of Vegetable and Fruit cutter	In - House	M.VIJAYAKUMAR	Mr.T.L.VIJAYAKUMAR AP/ Mech.Engg	Application	Cost and Standards	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO11,PO12,PSO1, PSO2,PSO3
15.			R.SARAVANAPANDI				
16.			S.REVANTHKUMAR				
17.	Design and Fabrication of hydraulic wheel spanner	In - House	J.SIRANJEEVI	Mr.K.K.ARUN VIGNESH AP/ Mech.Engg	Application	Cost and Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
18.			N.SUNDARA SUBRAMANIAN				
19.			P.VETRIVEL				
20.			M.MUTHU VADIVELAN				

21.	Design and Fabrication of magnetic Breaking system	In - House	B.DEEPAKRAJ	Mr.D.MUTHUKRISHNAN AP/ Mech.Engg	Application	Safety and cost	PO1,PO2,PO3,PO4, PO5, PO6,PO7, PO9, PO10,PO11,PO12 PSO1, PSO2, PSO3
22.			K.KRISHNA KUMAR				
23.			K.MAHENDRAN				
24.	Design and Fabrication of Digger by using four bar link mechanism	In - House	R.SAIKRISHNA	Dr.C.ANBUMEENAKSHI ASP/ Mech.Engg	Application	Cost	PO1,PO2,PO3,PO4, PO5, PO6,PO7, PO9, PO11,PO12 PSO1, PSO2, PSO3
25.			T.SARAVANAKUMAR				
26.			M.RAMKUMAR				
27.	Design and Fabrication of LPG Cylinder Gas level Indicator	In - House	S.PRAVEEN KUMAR	Mr.A.M.NAGARAJAN AP/ Mech.Engg	Product	Cost	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO11,PO12,PSO1, PSO2,PSO3
28.			C.B.SASTI				
29.			A.A.VEEMANATH				
30.			M.KABILARASAN				
31.	Design and Fabrication of advanced multi head spanner	In - House	N.PRASHANTH	Dr.V.SIVARAMKUMAR ASP/ Mech.Engg	Product	Cost	PO1,PO2,PO3,PO4, PO5,PO6,PO9,PO10, PO11,PO12,PSO1, PSO2,PSO3
32.			R.SELVA BALAJI PANDIYAN				
33.			M.VASANTH				
34.			B.SUREN RAAJ				
35.	Design and Fabrication of Flexible steering mechanism	In - House	V.BALAJI	Mr.K.K.ARUN VIGNESH AP/ Mech.Engg	Application	Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
36.			G.K.AMARESH NATH				
37.			S.AJITH				
38.	Design and Fabrication of automated power hacksaw using gear drive and feed mechanism	In - House	P.V.VENGADESH PRASATH	Mr.E.V.GANESH BABU AP/ Mech.Engg	Product	Cost	PO1,PO2,PO3,PO4, PO5, PO6,PO7, PO9, PO11,PO12 PSO1, PSO2, PSO3
39.			R.YASHWANTH				
40.			K.SEKAR				
41.	Design and Fabrication of Angle tilting vice	In - House	G.ARUNKUMAR	Mr.M.SATHEESHKUMAR AP/ Mech.Engg	Product	Cost	PO1,PO2,PO3,PO4, PO5, PO6,PO7, PO9, PO11,PO12 PSO1, PSO2, PSO3
42.			H.MOHAMMED ADNAN				
43.			B.KISHORE				
44.	Design and Fabrication of Gearless power transmission	In - House	K.GOKUL	Mr.M.MOHANRAJ AP/ Mech.Engg	Application	Safety and cost	PO1,PO2,PO3,PO4, PO5, PO6,PO7, PO9,
45.			P.BHARATHIDHASAN				

46.	using elbow mechanism		A.MOHAMED THAMEEM ANSARI				PO10,PO11,PO12 PSO1, PSO2, PSO3
47.	Design and Fabrication of pneumatic TMT rod bending machine	In - House	S.SELVA KUMAR	Mr.E.V.GANESH BABU AP/ Mech.Engg	Product	Cost	PO1,PO2,PO3,PO4, PO5, PO6,PO7, PO9, PO11,PO12 PSO1, PSO2, PSO3
48.			R.UDHAYASABARI				
49.	Design and fabrication of chain spanner	In - House	M.G.RAMVIGNESH	Dr.M.R.THANSEKHAR Prof./ Mech.Engg	Research	Standards	PO1,PO2,PO3,PO5, PO9,PSO1, PSO3
50.			N.M.SURAJKUMAR				
51.	Design and Fabrication of Pyrolysis Setup	In - House	K.VASURAMAN	Dr.A.N.BALAJI Prof./ Mech.Engg	Research	Standards	PO1, PO2, PO9. PSO1, PSO3
52.			K.GURUVENDRAN				
53.			RAGHAVAN YOUNGESH.S				
54.	Design and Fabrication of Scissor lift mechanism	In - House	A.SARATHI	Mr.M.MOHANRAJ AP/ Mech.Engg	Application	Cost and Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
55.			P.VIJAY				
56.			R.SIVA				
57.	Design and Fabrication of Mini hacksaw powered by beam engine	In - House	G.VELLIMANLAI	Mr.G.R.RAGHAV AP/ Mech.Engg	Application	Cost and Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
58.			M.SANTHOSH				
59.			N.J.B.VIGNESH				
60.			P.R.ESWARLAL				
61.	Design and Fabrication of Non- motorized elevator for residence	In - House	M.N.PRIYADHARSAN	Mr.G.M.NAGARAJAN ASP/ Mech.Engg	Application	Cost and Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
62.			R.B.THILAK				
63.			P.SUKIRTHAN				
64.	Design and Fabrication of screw jack using bevel gear mechanism	In - House	R.GOWRI SHANKER	Dr.P.SABARINATH ASP/ Mech.Engg	Product	Cost	PO1,PO2,PO3,PO4, PO5, PO6,PO7, PO9, PO11,PO12 PSO1, PSO2, PSO3
65.			R.KARTHIKEYAN				
66.			S.KARTHIKEYAN				
67.			K.HARIPRASATH				
68.	Design and Fabrication of object holder using gear mechanism	In - House	S.AADHIL ISMAIL	Dr.P.SABARINATH AP/ Mech.Engg	Product	Standards Cost	PO1,PO2,PO3,PO4, PO5, PO6,PO7,PO9,PO11,PO12 PSO1, PSO2, PSO3
69.			K.ANGUNATHAN				
70.			M.HARIHARAN				
71.			J.JUSTIN AZARIA				

			KIRUBARAJ				
72.	Design and Fabrication of Air cushioned vehicle (ACV)	In - House	A.ELAIYAPRABU	Dr.S.PORSELVI AP/ Mech.Engg	Product	Cost	PO1,PO2,PO3,PO4,PO5, PO6,PO7,PO9,PO11,PO12 PSO1, PSO2, PSO3
73.			R.ESWARNATH				
74.			K.S.AMARNATH				
75.	Design and fabrication of gravity conveyor	In - House	GGR.AANAND KARTHICK	Mr.N.NAGASUBRAMANIAN AP/ Mech.Engg	Application	Cost and Standards	PO1,PO2,PO3,PO4,PO5, PO6, PO9, PO10,PO12 PSO1, PSO2, PSO3
76.			P.S.GOKULNATH				
77.			N.JUDELYN RAJASRI				
78.	Design and Fabrication of Spherical turning attachment in a centre lathe	In - House	K.EASHWARDISHNESH	Mr.N.NAGASUBRAMANIAN AP/ Mech.Engg	Research	Standards	PO1,PO2,PO3,PO5,PO9,PSO1, PSO3
79.			S.BALANAGARAJ				
80.			M.MATHAN KUMAR				
81.	Design and fabrication of continuous fruits and vegetables cutter using crank mechanism	In - House	M.PRASATH	Dr.A.N.BALAJI Prof./ Mech.Engg	Application	Cost, Safety and Standards	PO1,PO2,PO3,PO4,PO5,PO6, PO9, PO10, PO12 PSO1, PSO2, PSO3
82.			M.ULAGANATHAN				
83.			M.K.SHARAN BALAJI				
84.	Design and fabrication of Automatic black board duster by nut and screw mechanism	In - House	G.RAJESH	Mr.G.M.NAGARAJAN ASP/ Mech.Engg	Application	Cost and Standards	PO1,PO2,PO3,PO4,PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
85.			P.VAIRAMUTHU				
86.			S.MUTHU KUMAR				
87.	Design and fabrication of Hands free crutch	In - House	P.K.AKHASH KUMAR	Dr.M.R.THANSEKHAR Prof./ Mech.Engg	Research	Standards	PO1,PO2,PO3,PO5,PO9,PSO1, PSO3
88.			P.R.NIRMAL KUMAR				
89.	Design and fabrication of Air Cooler cum water chiller	In - House	S.D.JEYAKISHAN	Mr.K.J.NAGARAJAN AP/ Mech.Engg	Application	Cost	PO1,PO2,PO3,PO4,PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
90.			K.G.PRASANNA KUMAR				
91.			R.JAYASURYA				
92.			B.MUTHUMANI				
93.	Design and Fabrication of low cost adjustable grass cutter	In - House	P.BALUMURUGAN	Dr.C.ANBUMEENAKSHI ASP/ Mech.Engg	Product	Cost	PO1,PO2,PO3,PO4,PO5, PO6,PO7, PO9, PO11,PO12 PSO1, PSO2, PSO3
94.			A.ABINESH				
95.			B.MUTHU PANDI				
96.			M.DURAI VENKAT RAJ				
97.	Design and Fabrication of multipurpose agricultural	In - House	L. MUTHUPANDI	Mr.R.PANDIARAJAN AP/ Mech.Engg	Product	Cost	PO1,PO2,PO3,PO4,PO5, PO6,PO7, PO9, PO11,PO12
98.			M.MARIMUTHU				

99.	equipment		R.PRASANNA				PSO1, PSO2, PSO3
100.			M.MUTHUKUMAR				
101.	Design and fabrication of Conveyor using internal Geneva mechanism	In - House	T.S.R.SATHISH KUMAR	Dr.R.ASHOK KUMAR AP(SG)/ Mech.Engg	Application	Cost	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
102.			P.J.ROOPA DEEPAK				
103.	Design and fabrication of foot board arrangement in trains	In - House	P.AJITH KUMAR	Mr.A.M.NAGARAJAN ASP/ Mech.Engg	Application	Cost, Safety and Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
104.			N.KARTHICK				
105.			P.ABISHED INFANT DAVID				
106.			P.MITHUN KUMAR				
107.	Design and fabrication of 'O' ring with recycled waste PVC materials	In - House	K.K.PERMUMAL PRASAD	Mrs.A.HEMALATHA ASP/ Mech.Engg	Product	Cost	PO1,PO2,PO3,PO4, PO5, PO6,PO7, PO9, PO11,PO12 PSO1, PSO2, PSO3
108.			A.KARTHIKEYAN				
109.			V.MADESH PANDI				
110.			S.KISHORE KUMAR				
111.	Design and fabrication of automatic side stand retrieving system	In - House	B.S.R.MANOJ	Mr.G.R.RAGHAV AP/ Mech.Engg	Application	Cost, Safety and Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
112.			V.MUTHU SAMY				
113.			P.MANIMARAN				
114.			S.MANISH PANDIYAN				
115.	Design and fabrication of motorized smart turning mechanism	In - House	R.WASIM AKRAM	Mr.R.MANIKANDAN AP/ Mech.Engg	Application	Cost	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
116.			K.RAJASEKAR				
117.			P.SUDHAKARAN				
118.			S.VASANTHA KUMAR				
119.	Design and fabrication of Multi nut removing and tightening tool for a car wheel	In - House	K.B.GOWRI SHANKAR	Mr.D.MUTHU KRISHNAN AP/ Mech.Engg	Application	Cost, Safety and Standards	PO1,PO2,PO3,PO4, PO5, PO6,, PO9, PO10,PO12 PSO1, PSO2, PSO3
120.			S.SIVAKUMAR				
121.			S.SURESH				
122.			V.VEERAMANI RAJA				