



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF MECHANICAL ENGINEERING

PROJECT WORK TITLE'S

Batch : 2020-24

VIII Semester: Section-A			A.Y.:2023-24	
S.No	Batch No	Roll No	Supervisor	Project Title
1	1	21765A0306	Dr Ch Siva Sankar Babu	Fabrication and Testing of Various Hybrid Composites Using Jute, Pineapple And Sisal Fiber
2		21765A0302		
3		21765A0317		
4	2	21765A0304	Dr S Pichi Reddy	Design And Fabrication of Smart Stair Climbing Wheelchair
5		21765A0318		
6		21765A0305		
7	3	21765A0319	Dr K Murahari	Design and Fabrication of post processing tool for 3D components
8		21765A0311		
9		20761A0338		
10	4	20761A0301	Dr P Vijay Kumar	Experimental Analysis of Air-conditioner with phase change material
11		20761A0321		
12		20761A0346		
13	5	20761A0337	S Srinivas Reddy(Sr)	Experimental analysis on mechanical properties of aluminum metal matrix composite
14		20761A0336		
15		20761A0313		
16	6	20761A0335	Dr K Dilip Kumar	Design and Fabrication of off road vehicle
17		21765A0309		
19	7	21765A0308	Dr M B S Sreekar Reddy	Vibration Analysis of 3D Printed Porous Core Beams
20		21765A0307		
21		20761A0341		
22	8	20761A0334	Dr B Sudheer Kumar	Fabrication of Arecanut Tree climbing Robot
23		20761A0340		
24		20761A0331		
25	9	20761A0309	Dr P Ravindra Kumar	Design and fabrication of customized Drone Sprayer for agriculture feilds
26		20761A0318		

27		20761A0323		
28	10	21765A0303	J Subba Reddy	Design and fabrication of solar and wind power generation
29		20761A0315		
30		20761A0312		
31	11	20761A0343	A Dhanunjay Kumar	Investigation On Mechanical And Wear Characteristics Of Fused Deposition Modeling Materials
32		20761A0347		
33		20761A0342		
34	12	20761A0306	Dr V Dhana Raju	Design and fabrication of hybrid dryer
35		20761A0303		
36		20761A0316		
37	13	20761A0308	S Rami Reddy	Effect of ZRO ₂ and NiO nanoparticles on the performance, emission and combustion of diesel engine fueled with milk scum oil
38		20761A0320		
39		20761A0310		
40	14	20761A0305	A Nageswara Rao	Detecting Distracted Driving Behaviour Using Deep Learning
41		20761A0332		
42		20761A0328		
43	15	20761A0302	K Lakshmi Prasad	Design and fabrication of Adaptive robot Assitive feeding for childern
44		21765A0315		
45		20761A0319		
46	16	20761A0304	V Sankar Rao	Design and fabrication of frictionless braking system
47		20761A0330		
48		20761A0326		
49	17	21765A0301	S Srinivas Reddy(Jr)	wind, solar and footstep power generation with RFID based mobile charging station
50		20761A0311		
51		20761A0325		
52	18	20761A0324	D Mallikarjuna Rao	Change Material (Pcm) Of Zn (No ₃) ₂ .6h ₂ o By Adding Flyash
53		20761A0314		
54		20761A0307		
55	19	21765A0310	K V Viswanath	Design and fabrication of Automation Machine Centre
56		21765A0314		
57		20761A0339		
58	20	20761A0345	P Mounika	Solar-Based Pesticide Sprayer Using Arduino UNO
59		21765A0312		
60		20761A0329		

61	21	21765A0313	B Kamala Priya	Clutch Pedal Power Generation System By Using Rack And Pinion Mechanism
62		21765A0316		
63		20761A0344		
64	22	20761A0333	K Venkateswara Reddy	Fabrication of suction based floor cleaning and glass cleaning Robot
65		20761A0327		
66		20761A0317		

VIII Semester : Section B

S.No	Batch No	Roll No	Supervisor	Project Title
1	1	20761A0362	Dr P Vijay Kumar	Performance Analysis Of Refrigeration System Using Phase Change Material
2		20761A0363		
3		20761A0352		
4	2	21765A0323	Dr S Pichi Reddy	Compacting Characteristics Of Aluminium7075, Blast Furnace Slag And Aluminium Oxide By Powder Metallurgy Technique
5		21765A0325		
6		20761A0397		
7	3	21765A0324	Dr K Murahari	Investigation On 17-4 Precipitation Hardening Stainless Steel Of Direct Energy Deposition By Laser Cladding
8		21765A0332		
9		20761A0383		
10	4	21765A0328	Dr M B S Sreekar Reddy	Vibration Analysis of 3D Printed Lattice Core Beams
11		20761A0365		
12	5	20761A0398	Dr P Ravindra Kumar	Weather-Responsive Grain Preservation:The Role Of An Automatic Protective Shield In Mitigating Sudden Rain Impact
13		20761A0395		
14		20761A0353		
15	6	21765A0322	Dr K Dilip Kumar	Design & Fabrication Of Go-Kart Vehicle
16		20761A0399		
17		20761A0367		
19	7	21765A0327	S Srinivas Reddy(Sr)	Experimental Investigation On Mechanical Properties Of B4c & Bn & Sic Particles Reinforced Aluminium 7075 Metal Matrix Composites
20		20761A0361		
21		20761A0364		
22	8	21765A0333	Dr B Sudheer Kumar	Design And Fabrication Of Automatic Wall Painting Robot
23		20761A0351		
24		20761A0348		
25	9	21765A0326	Dr V Dhana Raju	Design And Fabrication Of Smart E-Bicycle
26		20761A0370		
27		20761A0371		
28	10	20761A0384	S Srinivas Reddy(Jr)	Fabrication Of Refrigeration System Using Liquefied Petroleum Gas
29		20761A0378		

30		20761A0359		
31	11	21765A0320	S Rami Reddy	Design And Fabrication Of Hybrid Power Generating Device
32		20761A03A0		
33		20761A0375		
34	12	20761A0358	Dr Ch Siva Sankar Babu	Explicit Dynamic Crash Analysis Of A Car Body By Different Lightweight Materials Using Ansys
35		20761A0385		
36		20761A0372		
37	13	20761A0360	S Uma Maheswara Reddy	A Comparative Analysis Of The Cop Of Domestic Refrigerators Using Alternative Blending Refrigerants
38		20761A0354		
39		20761A0356		
40	14	21765A0334	A Dhanunjay Kumar	Experimental investigation On Mechanical Properties Of Magnesium Composites Produced Through Friction Stir Processing
41		21765A0331		
42		21765A0321		
43	15	20761A0381	J. Subba Reddy	Experimentation And Investigation On Performance And Emission Characteristics Of Biodiesel Using Juliflora Seed Oil
44		20761A0392		
45		20761A0373		
46	16	20761A0349	K Lakshmi Prasad	Fabrication Of Multipurpose Agriculture Machine
47		20761A0393		
48		20761A0396		
49	17	20761A0389	D Mallikarjuna Rao	Analysing The Performance And Emission Characteristics Of Diesel Engine By Using Mango Seed Oil With 2-Methyl-1-Propanol
50		20761A0390		
51		20761A0368		
52	18	21765A0329	B Kamala Priya	Design And Fabrication Of Smart Agro System
53		20761A0379		
54		20761A0388		
55	19	21765A0330	K V Viswanath	Investigation Of Mechanical Parameters Of 3d Printed Honeycomb Sandwich Panels With Different Orientations
56		20761A0350		
57		20761A0366		
58	20	20761A0394	A Nageswara Rao	Distractive Driver Drowsiness Using Deep Learning And Machine Learning
59		20761A0386		
60		20761A0387		
61	21	20761A0382	V Sankar Rao	Fabrication Of River Cleaning Boat
62		20761A0357		
63		20761A0391		
64	22	20761A0355	K Venkateswara Reddy	Analysing The Performance And Emission Characteristics Of Biodiesel Engine By Using Jathropha Biodiesel
65		20761A0380		
66		20761A0374		