



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(Autonomous)

Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada
Accredited by NAAC with "A" Grade and NBA (CSE, IT, ECE, EEE & ME) under Tier - I



Department of Mechanical Engineering

Project Work Titles

VIII Semester ; Sec-A

S.No	Batch No	Roll No	Project Title	Guide Name
1	1	18761A0318	Fabrication and Experimental Analysis of Solar Electric Bike	Dr. P. Ravindra Kumar
2		18761A0332		
3		18761A0314		
4		18761A0315		
5	2	18761A0323	Fabrication of Child Rescuing System from Borewell using Parallel Jaw Mechanism	Dr. P. V. Chandrasekhar Rao
6		19765A0307		
7		18761A0317		
8		18761A0336		
9	3	18761A0354	Development of Back Propagation Neural Network for the Optimization of Thermal Energy Storage using Phase Change Materials	Dr. P. Vijay Kumar
10		18761A0306		
11		18761A0328		
12		18761A0355		
13	4	18761A0327	Modelling and Fabrication of Automatic Multipurpose Agriculture Machine By using Bluetooth Sensor	Dr. S. Pichi Reddy
14		18761A0325		
15		19765A0304		
16		18761A0324		
17	5	18761A0340	Fabrication of Magnetic Braking System Two Wheelers	Dr. K. Dilip Kumar
18		18761A0330		
19		19765A0305		
20		18761A0305		
21	6	19765A0309	Experimental Studies On Visual Distracting Driving With Questionnaires On Young Drivers. A Driving Simulator Approach	A. Nageswara Rao
22		19765A0302		
23		18761A0334		
24		18761A0313		
25	7	18761A0320	Machinability Study Of Al 7075-T6 Metal Matrix Composite By Using Micro-Textured Cutting Tools	S. Sreenivasa Reddy
26		18761A0319		
27		18761A0339		
28		18761A0316		
29	8	18761A0345	Modeling And Fabrication Of Lo-Cost Go-Kart Electrical Vehicle	J. Subba Reddy
30		18761A0326		
31		18761A0347		
32		18761A0331		
33	9	18761A0310	Fabrication Of Fused Deposition Modelling(Fdm)-3d Printer	B. Sudheer Kumar
34		18761A0302		
35		18761A0337		

36		18761A0338		
37	10	18761A0329	Fabrication And Analysis Of Atmospheric Air Water Generator	Dr. V. Dhana Raju
38		19765A0310		
39		19765A0303		
40	11	18761A0352	Free Vibrational Analysys Of Isotropic Rectangular Plates	Dr. M. B. S. Sreekar Reddy
41		18761A0349		
42		18761A0341		
43		18761A0353		
44	12	18761A0303	Design And Fabrication Of Mql Setup & Experimental Investigation On Turning Of Super Duplex Steel	Dr. K. Murahari
45		18761A0346		
46		19765A0301		
47		18761A0351		
48	13	18761A0304	Effect Of Crack Depth On Natural Frequencies Of Beam-Like Strctures Using Modal Analysis	Ch. Siva Sankar Babu
49		18761A0321		
50		18761A0308		
51		18761A0312		
52	14	19765A0308	Design And Vibration Analysis Of Cellular Core Sandwich Panel With Different Infill Core Patterns In Wire Arc Additive Manufacturing	K. V. Viswanath
53		18761A0342		
54		19765A0306		
55	15	18761A0322	Thermal Analysis On Axial Functionally Graded Materials	D. Mallikarjuna Rao
56		18761A0350		
57		18761A0307		
58		18761A0311		
59	16	18761A0344	Influence Of Nano Additives On Performance, Combustion And Emissions Characteristics Of Diesel Engine With Mango Seed Oil	S. Rami Reddy
60		18761A0333		
61		18761A0343		
62		18761A0335		

VIII Semester ; Sec-B

S.No	Batch No	Roll No	Project Title	Guide Name
1	1	18761A0396	Synthesis and Characterisation of Ironoxide and nano particles using green method	K.Narayana
2		18761A0392		
3		18761A0364		
4		18761A0368		
5	2	19765A0316	Fabrication of Vapour Absorption Refrigeration system driven by waste heat of exhaust	B.Udaya Lakshmi
6		19765A0319		
7		18761A0369		
8		18761A03A7		
9	3	18761A0360	Design and Fabrication of indoor air purifier	V.Sankar Rao
10		18761A0362		
11		18761A03A1		
12		18761A0384		

13	4	18761A0387	Design and fabrication of space cooling by solar energy and thermo electric module	K.Lakshmi Prasad
14		18761A0371		
15		18761A0367		
16		18761A0377		
17	5	19765A0314	Neem oil used as Biodiesel on the CI engine for analysing the performance and emission characteristics using an additive fuel as Dimethyl Carbonate(DMC)	D.Mallikarjuna Rao
18		18761A0378		
19		18761A0391		
20		18761A0372		
21	6	18761A0375	Design and Fabrication of multifunctional air conditioning system	B.Kamala Priya
22		18761A0361		
23		18761A0356		
24		18761A0373		
25	7	18761A0385	Fabrication of regenerarive Breaking system	S.Srinivas Reddy(Jr)
26		18761A0366		
27		18761A0382		
28		18761A0370		
29	8	19765A0313	Experimental studies on influence of bill boards among the young drivers	A.Nageswara Rao
30		19765A0311		
31		18761A03A6		
32		18761A03A9		
33	9	18761A0386	Fabrication and investigation of mechanical properties of magnesium metal matrix composites	A.Dhanunjay Kumar
34		18761A0389		
35		18761A0383		
36		18761A0380		
37	10	19765A0312	Cost reduction in the production by using cutting tools	S.Snigdha
38		18761A0388		
39		18761A0376		
40		18761A0394		
41	11	19765A0315	Design and fabrication of oxygen concentrator	K.Venkateswara Reddy
42		18761A03A8		
43		19765A0317		
44		18761A03A2		
45	12	18761A03A5	Rough terrain vehicle with modified rocker bogie mechanism using solar energy	V.Venkata Rami Reddy
46		18761A0374		
47		18761A0399		
48	13	18761A0365	Compacting characteristics of Al6061 B4C & graphite Metal Matrix Composite using powder metallurgy technique	Dr.S.Pichi Reddy
49		18761A0393		
50		18761A0363		
51		18761A0397		
52	14	18761A03A0	Solar water heating system with thermal energy storage using Phase Change Material	Dr.P.Vijay Kumar
53		18761A0398		
54		18761A03B0		
55		18761A0357		
56		19765A0318		

57	15	18761A03A3	Prototype of Home Automation with Solar Energy using Raspberry PI	Dr.P.Ravindra Kumar
58		18761A0379		
59		18761A0390		

VIII Semester ; Sec-C

S.No	Batch No	Roll No	Project Title	Guide Name
1	1	18761A03C1	Experimental Investigation on Mechanical and Tribological Properties of A1-6001 by Reinforcing with Silicon Carbide	Dr. K. Dilip Kumar
2		18761A03B2		
3		18761A03E3		
4		18761A03C8		
5	2	18761A03D9	Influence of Mobile Phone Use (Calling and Texting) on Driving Performance : A Driving Simulator Study	B. Chaitanya
6		18761A03E6		
7		18761A03E4		
8		18761A03D2		
9	3	18761A03D1	Fabrication of Solar Surveillance Drone	S. Srinivas Reddy
10		18761A03F0		
11		18761A03D5		
12		18761A03C4		
13	4	19765A0322	Experimental Investigation on Electro-Discharging Machining for Optimising Processing Parameters of Aerospace Materials	J. Subba Reddy
14		19765A0321		
15		19765A0323		
16		18761A03F6		
17	5	19765A0326	Design and Fabrication of 3D Modelling Components using Direct energy deposition Technique	Dr. K. Murahari
18		18761A03G0		
19		19765A0332		
20		18761A03F9		
21	6	18761A03F1	Fabrication and analysis of foot step power generation using piezoelectric material	Dr. V. Dhana Raju
22		18761A03C5		
23		18761A03C7		
24		18761A03F8		
25	7	18761A03F7	Design analysis and fabrication of a 3D printed prosthetic	Dr. M. B. S. Sreekar Reddy
26		18761A03C3		
27		19765A0330		
28		18761A03D0		
29	8	19765A0328	Experimental Investigation on Mechanical and Tribological Properties of A1-2024 Hybrid Metal Matrix Composites	B. Sudheer Kumar
30		18761A03B4		
31		18761A03C6		
32		17761A03C3		
33	9	18761A03E5	Fabrication of Solar seed sowing machine	Ch. Siva Sankar Babu
34		18761A03C0		
35		18761A03D4		
36		18761A03F3		
37	10	18761A03B1	Investigation of Mechanical and Vibrational Parameters of 3D Printed Sandwich Panels with different Infill Parameters	K. V. Viswanath
38		18761A03E8		
39		18761A03G2		
40		18761A03B5		

41	11	18761A03E0	Experimental Studies on Brake reaction time using Driving simulator	A. Nageswara Rao
42		18761A03C2		
43		18761A03E7		
44		18761A03C9		
45	12	19765A0331	The effect of Nanoparticles in Biodiesel on the Diesel Engine performance and Emission Characteristics	S. Rami Reddy
46		19765A0325		
47		19765A0329		
48		18761A0339		
49	13	19765A0327	Boiler performance and Efficiency of 500MW Power Plant	A. Naresh Kumar
50		18761A03B3		
51		19765A0320		
52		17761A03C7		
53	14	19765A0324	Solar Powered Electric Vehicle	K. Lakshmi Prasad
54		18761A03F4		
55		18761A03E9		
56		17761A0375		
57	15	18761A03G3	Design and Fabrication of Human following Robot by using Arduino Uno	V. Sankar Rao
58		18761A03E1		
59		18761A03G4		
60		18761A03D6		