



Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)
Bachupally, Kukatpally, Hyderabad
Department of Electrical and Electronics Engineering
A.Y 2024-25
Mini Project Details

S. No	Roll No	Batches	Guide Names	Project Title
1	23245A0218	Batch 1	Dr V Vijaya Rama Raju	Power Quality Issues using ML
2	22241A0228			
3	22241A0208			
4	23245A0210			
5	22241A0213			
6	23245A0217	Batch 2	Dr J Sridevi	Substation Automation using Delta PLC
7	22241A0239			
8	22241A0207			
9	22241A0222			
10	22241A0248			
11	23245A0212	Batch 3	Dr B Phaneendra Babu	High Frequency Inverter for Applications of Wireless Power Transmission
12	22241A0220			
13	22241A0206			
14	22241A0217			
15	22241A0209	Batch 4	P Ravikanth	Implementation of DC Drive Using Closed Loop System
16	22241A0219			
17	22241A0218			
18	22241A0244			
19	23245A0209	Batch 5	Dr A Vinay Kumar	EV Based Battery Charger
20	22241A0210			
21	22241A0249			
22	22241A0202			
23	23245A0208	Batch 6	Dr B Pakkiraiah	Design of the AC/DC bulb driver circuit
24	22241A0235			
25	22241A0205			
26	22241A0216			
27	23245A0207	Batch 7	Dr D S Nagamalleswara Rao	PV Fault Detection Using Machine Learning
28	22241A0234			
29	22241A0252			
30	22241A0238			
31	23245A0206	Batch 8	Dr P Srividya Devi	Solar Power generation for Domestic purpose
32	22241A0233			
33	22241A0225			

34	22241A0232			
35	23245A0204	Batch 9	P Praveen Kumar	Smart Factory
36	22241A0215			
37	22241A0212			
38	22241A0211			
39	23245A0203	Batch 10	R Anil Kumar	Cascaded Back-to-Back Converter
40	23245A0216			
41	22241A0224			
42	22241A0241			
43	23245A0202	Batch 11	U Vijaya Laxmi	Resonant Converter for Output LED Lightning Application with Independent Control
44	23245A0201			
45	22241A0229			
46	22241A0231			
47	22241A0230	Batch 12	D Karuna Kumar	Over load Protection for Transformers with Load
48	22241A0242			
49	22241A0204			
50	22241A0246	Batch 13	M N Sandhya Rani	Battery Management in Electric Vehicles
51	22241A0237			
52	22241A0236			
53	22241A0223	Batch 14	G Sandhya Rani	Design and Implementation of 120° conduction of PWM inverter
54	22241A0240			
55	23245A0213			
56	22241A0245			
57	23245A0205	Batch 15	Dr M Rekha	Speed control of DC Machine using DC Drive
58	22241A0227			
59	22241A0250			
60	22241A0251			
61	23245A0211	Batch 16	P Prashanth Kumar	PLC based Automatic Dam Shutter Control System
62	22241A0214			
63	22241A0221			
64	22241A0247			
65	23245A0215	Batch 17	D Srinivasa Rao	Bidirectional battery charging/Discharging converter for electric vehicle
66	23245A0214			
67	22241A0226			
68	22241A0201			