

Project Reviews

			
Gokaraju Rangaraju Institute of Engineering & Technology			
(Autonomous)			
Major Project (Phase-I)			
A.Y-2025-26			
S. No	Project Title	Guide Name	Roll Numbers
1	Predictive Maintenance of 3-Phase Induction Motor	Dr V Vijaya Rama Raju	23245A0218
2			22241A0228
3			22241A0208
4			23245A0210
5			22241A0213
6	ESP32 Smart Microgrid With AI Energy Management	Dr J Sridevi	23245A0217
7			22241A0239
8			22241A0207
9			22241A0222
10			22241A0248
11	AI Based Battery Recycling: Smart Sorting	Dr B Phaneendra Babu	23245A0212
12			22241A0220
13			22241A0206
14			22241A0217
15	Fault detection in PMSM using ML algorithms	P Ravikanth	22241A0209
16			22241A0219
17			22241A0218
18			22241A0244
19	BMS integrated with AI	Dr A Vinay Kumar	23245A0209
20			22241A0210
21			22241A0249
22			22241A0202
23	Single Stage Buck-Boost Transformerless Inverter For Single-Phase Grid Connected Solar PV System	Dr B Pakkiraiah	23245A0208
24			22241A0235
25			22241A0205
26			22241A0216
27	Solar Wireless Electric Vehicle Charging System	Dr D S Nagamalleswara Rao	23245A0207
28			22241A0234
29			22241A0252
30			22241A0238

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S. No	Project Title	Guide Name	Roll Numbers
31	Sensitivity Based Linearized OPF and LMP Calculations for Distribution Networks	Dr P Srividya Devi	23245A0206
32			22241A0233
33			22241A0225
34			22241A0232
35	CNC laser cutting machine using IIOT	P Praveen Kumar	23245A0204
36			22241A0215
37			22241A0212
38			22241A0211
39	Control of Back to Back converter using DSpace	R Anil Kumar	23245A0203
40			23245A0216
41			22241A0224
42			22241A0241
43	Design of a Resonant Interleaved Boost Converter for LED Driving	U Vijaya Laxmi	23245A0202
44			23245A0201
45			22241A0229
46	LCL-T Resonant Converter (OPEN LOOP)		22241A0231
47	Electricity Theft Detection using Machine Learning	D Karuna Kumar	22241A0230
48			22241A0242
49			22241A0204
50	Optimal Charging Using ML	M N Sandhya Rani	22241A0246
51			22241A0237
52			22241A0236
53	Design and Fabrication of lightweight Electric Vehicle	G Sandhya Rani	22241A0223
54			22241A0240
55			23245A0213
56			22241A0245
57	Design and Simulation of Variable Frequency Drive Using SVPWM	Dr M Rekha	23245A0205
58			22241A0227
59			22241A0250
60			22241A0251
61	Compact Electric Vehicle Prototype	P Prashanth Kumar	23245A0211
62			22241A0214
63			22241A0221
64			22241A0247
65	Quasi Resonant Converter for Reliable Battery Charging	D Srinivasa Rao	23245A0215
66			23245A0214
67			22241A0226

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S. No	Project Title	Guide Name	Roll Numbers
68			22241A0201