



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

S.No	Batch No	Roll No	Name	Project Title	Guide Names
1	1	21241A0245	PALLETI SRI PADMA LATHA REDDY	Predictive Maintenance of Power Transformers using Machine Learning Algorithm	Dr. V. Vijayarama Raju
2		21241A0202	ALAKUNTALA LAKSHMI DEEPIKA		
3		21241A0220	HABEEBA MUSKAAN		
4		21241A0257	Siripuram Manisree		
5	2	22245A0205	K.SUPRIYA	Face Detection And Recognition For Criminal Identification System Using Machine Learning	Dr. J. Sridevi
6		21241A0235	MANDA NAVYA		
7		21241A0261	THILETI SOWMYA		
8		21241A0240	NANDITHA SHINDE		
9	3	21241A0259	Sriya Kanuri	Battery State of Health(SoH) And Remaining Useful Life(RUL) Estimation Using Machine Learning Algorithms	Dr. B. Phaneendra Babu
10		21241A0237	NALLA JYOTHI		
11		21241A0221	JALLY RAMYA SRI		
12		21241A0217	GOTTAPU GOPIKA SOWMYASRI		
13	4	22245A0202	NAMANI DIVYA	Design and Implementation of Automotive Head light and Cooling System Model For Better Driving During Abnormal Weather Conditions	P. Ravikanth
14		21241A0255	SANDA KEERTHANA		
15		21241A0213	DUMPALA GAYATHREE		
16	5	21241A0252	SAHERA BEGUM	Development of Battery Management System for Electric Vehicles	Dr. A. Vinay Kumar
17		21241A0236	MANIMELU MADHURIMA		
18		21241A0249	RAMAVATH MOUNIKA		
19	6	21241A0227	KEMMASARAM AKHILA	Multi-Stage Voltage Conversion Using Dual Active Bridge (DAB) DC-DC converter	Dr. B. Pakkiraiah
20		21241A0243	NENAVATH SWETHA		
21		21241A0262	Undrajavarapu Jyothi		
22	7	21241A0228	KOLASANI DEVI SRI	POWER QUALITY ANALYSIS IN	
23		21241A0225	KAMINI SAI PRASANNA		

24		21241A0244	NYALAKONDA VAGUDEVI	ELECTRICAL SYSTEMS USING MACHINE LEARNING ALGORITHMS	Dr. D. S. Naga Malleswara Rao
25	8	21241A0207	CHALAPATI VIJAY KUMAR	Design and Implementation of Real Time SOC Estimation	Dr. P. Srividya Devi
26		21241A0214	E AJITH KUMAR GOUD		
27		22245A0201	C SRI HARI		
28		21241A0239	NAMA ARUN KUMAR		
29		21241A0204	BANOTH ARUN KUMAR		
30	9	21241A0248	RAGIREDDY HEMANTH SATYA SRINIVAS	POWER FACTOR OPTIMIZATION IN EV CHARGER USING BRIDGELESS LANDSMAN CONVERTER.	P. Praveen Kumar
31		21241A0218	GOVINDH PRASHANTH		
32		21241A0253	SAM PRANAB KONATHAM		
33		21241A0241	NEELAPALA MARUTHI SREERAM		
34		21241A0215	EDIGI VIKAS KUMAR GOUD		
35	10	21241A0219	GUDELLI HEMANTH KUMAR	Multi Input DC-DC Converter to Connect Renewable Energy Sources in a DC Microgrid	R. Anil Kumar
36		21241A0222	JARPULA SRIKANTH		
37		21241A0211	DASARI SHIVA SAI		
38		22245A0203	GAJENDRULA SHIVA SAI		
39		21241A0226	KAVVURI SAI DURGA ESHWAR		
40	12	22245A0206	RAMAVATH MESHYA	LED Driver Circuit	U. Vijaya Lakshmi
41		21241A0210	DASARI RAJA		
42		21241A0201	Rajkumar Aggu		
43		21241A0209	CHINTHALA BHARATH		
44	13	21241A0205	BANTU PRANEETH KUMAR	COMPARATIVE PERFORMANCE ANALAYSIS OF FUZZY LOGIC & PI CONTROLLER FOR MPPT IN PV SYSTEMS	D. Karuna Kumar
45		21241A0208	CHILKAPATI PREM SAGAR		
46		21241A0224	KAGITA BALA SUBRAMANYAM		
47		21241A0251	RAVULA KARTHIK		
48	14	21241A0260	Sundara Rithwik	SOLAR BASED ELECTRIC VEHICLE CHARGING SYSTEM USING RASPBERRY PI CONTROL	M. N. Sandhya Rani
49		21241A0246	PASARTHI MARUTHI		
50		21241A0250	Rathod Vamshi Krishna		
51		21241A0223	K RAMA KRISHNA REDDY		
52	15	21241A0242	NEELI SRIKANTH	Step-Up DC Converter With Single Switch and Multi-Outputs Based On Luo Topology	G. Sandhya Rani
53		21241A0229	KOMMA SATHWIK		
54		21241A0231	KONINTI VIJAY KUMAR		
55		21241A0238	Nallabolu Umeshchandra		

56	16	21241A0212	DASYAM JEEVAN SAI	Computationally Efficient Energy Management for EV using MPC and V2V communication	Dr. M. Rekha
57		21241A0206	BELLI SANJAY		
58		21241A0216	GALIPELLI SRI SHARAN		
59		21241A0233	M HARSHAVARDHAN GOUD		
60	17	21241A0234	MADDELA NAVEEN KUMAR	REAL TIME POWER MONITORING AND FORCASTING USING MACHINE LEARNING AND RASPERRY PI	P. Prasanth Kumar
61		21241A0203	B SIDDHARTH		
62		21241A0232	M ARUN		
63		21241A0256	Shenigela Shiva Shankar Yadav		
64	18	22245A0204	GADDAM BABA SHIVA CHANDRA	INDUSTRIAL FENCING SECURITY IMPLEMENTATION USING SCADA,RF,GSM,AND IOT THINKSPEAK	D. Srinivas Rao
65		21241A0230	KONDA SHRAVAN KUMAR		
66		21241A0263	NERMATI HARSHITH REDDY		
67		21241A0254	SANAGONDA VIKRAM		