



Gokaraju Rangaraju Institute of Engineering & Technology

(Autonomous)

Department of Electrical and Electronics Engineering

Mini Project-A.Y-2025-26

Batch No	Guide Name	Roll Number	Name	Project Title
1	Dr. V. Vijaya Rama Raju	24245A0205	Rathlavath Anil	Simulation of SRM motor drive in MATLAB
		23241A0201	Achanti Lokesh Kumar	
		24245A0206	Shaik Asraf	
		23241A0258	Vadla Rahulsai	
		23241A0249	Nenavath Praveen	
2	Dr. J. Sridevi	24245A0202	Kavali Madhu Kumar	ML based intelligent load shedding system for power distribution .
		23241A0213	Badaru Veera Venkata Surya Ram Charan	
		23241A0240	Miriyala Srikanth	
		23241A0241	M Rahulreddy	
		22241A0203	B.Hari kiran	
3	Dr. B. Phaneendra Babu	24245A0201	Dameruppula Charan Teja	Unifide High Performance Solid State Battery.
		24245A0204	Meghavath Munish Nayak	
		23241A0219	Bukya Devender	
		23241A0257	Ugudey Abshishek	
4	P. Ravi Kanth	24245A0208	Thurpati Srinivas	AI Based Fault Detection Analysis in Power Electronic Converters
		23241A0248	Narni Tineesh Venkatalakshmi Narasimha Yadav	
		23241A0239	Megavatha Anjaneyulu	
		23241A0252	Praveen Kommu	

Batch No	Guide Name	Roll Number	Name	Project Title
5	Dr. A. Vinay Kumar	23241A0206	Aravapally Nithin	Wireless BMS with Passive Cell Balancing
		23241A0236	Maragani Rohith	
		23241A0262	Yerubandi Thirulalith Karthikeya	
		23241A0250	P. Praveen Kumar	
6	Dr. B. Pakkiraiah	23241A0256	Thadishetti Sai Ram	Dual-mode Photovoltaic Bi-directional Inverter Operation For Seamless Power Transfer to DC and AC
		23241A0207	Ashaz Ahmed R	
		23241A0212	Badugu Deekshith	
		23241A0244	Nagilla Pavan	
7	Dr. D S Naga Malleswara Rao	23241A0222	Chaganti Sarat Chandra Vardhan	Development of an IoT based condition monitoring and protection system for electric vehicle motors
		23241A0242	Mohammad Taufiq Ahmed	
		23241A0220	Byragoni Sai Kumar	
		23241A0209	Byagari Mahesh	
8	Dr. P. Srividya Devi	23241A0233	Katepaga Teja	IoT Based Multi-Parameter Monitoring System for Hydroponic Plants
		23241A0260	Velduti Akshay	
		23241A0229	Garlapati Akash	
		23241A0251	Paka Bhargav	
9	P. Praveen Kumar	23241A0237	Meduri Subrahmanya Krishna Kausik	5 Level H-bridge Cascaded Multi Level Inverter
		23241A0205	Are Santhosh	
		23241A0247	Nanduri Karthik Rama Raju	
		23241A0225	Cherukula Pranav Kumar	

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10	R. Anil Kumar	23241A0203	Alli Hrshith Yadav	AI Based Fault Detection Analysis in Power Electronic Converters
		23241A0210	Bachangari Hemanth Goud	
		23241A0234	Kethineedi Sai Ranga Charith	
		23241A0226	Chinnam Vinay Kumar	
11	U. Vijaya Lakshmi	23241A0204	Annapureddy Dhanush Reddy	High Frequency Resonant DC-DC Converter
		23241A0202	Aditya Reddy Kotta	
		23241A0235	Mallineni Karthik	
		23241A0254	Sirigiri Santhosh	
12	D. Karuna Kumar	23241A0211	Bade Ashritha	Solar Driven Contactless EV Charging System
		23241A0224	Cheemala Sahasra	
		23241A0228	Chithaluri Shivathmika	
		23241A0243	Nadimpally Rishitha	
		23241A0218	Bollepogu Ankitha	
13	M. N. Sandhya Rani	24245A0203	Katukam Meghana	Microcontroller based battery management system for electric vehicle application
		23241A0227	Chintha Devika	
		23241A0221	Chadarla Manusree	
		23241A0208	Avusali Kathyayini	
		23241A0230	Gattu Smruthi	

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15	Dr. M. Rekha	23241A0261	Vuppunuthula Sahithi	PWM Pulse generation using STM32
		23241A0232	Inala Tejaswini	
		23241A0238	Meesala Akshitha	
		23241A0253	Sathpadi Rohitha	
		23241A0223	Chakali Shalini	
16	P. Prasanth Kumar	24245A0207	Thandra Bhargavi	Renewable hybrid electric vehicle charging system
		23241A0246	Nampally Navya	
		23241A0255	S. Laxmiprasanna	
		23241A0217	Bolavena Keerthana	
		23241A0214	Banoth Lassya	
17	Dr. D. Srinivasa Rao	23241A0231	Goshika Varshasri	AI based battery life prediction system
		23241A0215	Bhaskarbhatla Meghana	
		23241A0245	Namala Akshaya	
		23241A0216	Bojjagani Sravani Sandhya	
		23241A0259	Vadlakonda Pravarsha	