

**ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY**

(Approved by AICTE, Accredited by NAAC, Affiliated to JNTU, Kakinada)

(An ISO 9001: 2015 Certified Institution)

Govt Polytechnic Post, ITI Road, ALC Campus, Near Ramesh Hospital, Vijayawada-8

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING*(Accredited by NBA)***IV B.Tech II Semester (A.Y. 2022-2023)****Project Titles****ALIET/EEE/Projects/2023****Date: 4th Jan 2023**

Batch No	Name of the Guide	Roll Number	Project Title
1	Mr M Ramesh Kumar, Assistant Professor	20HP5A0201	Hardware implementation of over voltage and under voltage protection system
		20HP5A0208	
		19HP1A0206	
		19HP1A0205	
2	Mr. M. Rama Krishna, Assistant Professor	20HP5A0203	Design of Smart cooler and space heater
		20HP5A0210	
		20HP5A0205	
		19HP1A0207	
3	Dr. M. Ajay Kumar, Associate Professor	20HP5A0207	Speed control of a BLDC motor using fuzzy logic controller
		19HP1A0211	
		19HP1A0201	
		19HP1A0208	
4	Dr. G .Naveen Kumar, Head of the Department	20HP5A0209	Fault over - ride & minimization of losses in a Pv integrated transmission network using STATCOM
		20HP5A0204	
		19HP1A0212	
		19HP1A0210	
		19HP1A0209	
5	Mrs. V. Anantha Lakshmi, Assistant Professor	20HP5A0202	Generation of Electricity By Using waste materials
		20HP5A0206	
		19HP1A0203	
		19HP1A0204	
		19HP1A0202	
6	Mr. D. Ravi Kiran, Assistant Professor	20HP5A0214	Design of Battery Health Monitoring Unit
		20HP5A0213	
		19HP1A0225	
		19HP1A0233	
		19HP1A0231	
7	Mr. T. Krishna Mohan, Assistant Professor	20HP5A0220	Design and implementation of Transformer Health Monitoring System Using IOT
		19HP1A0213	
		19HP1A0235	
		19HP1A0239	
		19HP1A0219	

Batch No	Name of the Guide	Roll Number	Project Title
8	Mr. L Karunakar, Assistant Professor	20HP5A0216	Design of Solar wireless electrical vehicle charging system
		20HP5A0221	
		19HP1A0238	
		19HP1A0240	
		19HP1A0228	
9	Dr. M. Ajay Kumar, Associate Professor	20HP5A0215	Simulation of Lithium-ion Battery Based Electric Vehicle using Longitudinal Driver Control
		19HP1A0237	
		19HP1A0221	
		19HP1A0215	
		20HP5A0229	
10	Mr. M Ramesh Kumar, Assistant Professor	20HP5A0227	Design of Transmission line fault detection and indication to electricity board
		20HP5A0217	
		20HP5A0219	
		19HP1A0227	
		19HP1A0216	
11	Mrs. V. Anantha Lakshmi, Assistant Professor	20HP5A0225	Automatic power factor compensation for industrial power use to minimize penalty
		20HP5A0218	
		19HP1A0224	
		19HP1A0218	
		19HP1A0229	
12	Mr. G. Gantaiah Swamy, Assistant Professor	20HP5A0226	Design and Implementation of Hybrid Power Generation System
		20HP5A0224	
		19HP1A0236	
		19HP1A0214	
		19HP1A0230	
13	Dr. G .Naveen Kumar, Head of the Department	19HP1A0223	Electricity generation by using oscillating water column
		20HP5A0222	
		20HP5A0212	
		19HP1A0241	
14	Mr. L Karunakar, Assistant Professor	19HP1A0226	Design and Implementation Of An IOT Based Smart Traffic System Using Renewable Energy Source
		19HP1A0217	
		19HP1A0222	
		20HP5A0211	
		19HP1A0232	

Project Coordinator

Head of the Department