



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

An Autonomous Institution

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuram)

Department of Electrical & Electronics Engineering

PROJECT SUMMARY SHEET

ACADEMIC YEAR	:	2024 -2025
Total projects	:	18
Inhouse projects	:	18
Industrial projects	:	NIL
Best projects	:	06
Average Projects	:	12
Remarks	:	Completed Successfully

VB 10/05/25
Project Coordinator
Dr. V B Thurai Raaj

Pavan
HOD/EEE
Dr. A. V. Pavan Kumar
Head of the Department
Electrical & Electronics Engineering
Madanapalle Institute of Technology & Science
MADANAPALLE - 517 325

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE,
Department of Electrical & Electronics Engineering
AY 2024-25 Year-4-Sem -II, ProjectDetails

B. No	Roll No.	Name of the Student	Name of the Guide	Name of the Project Title
1	21691A0208	NALLA SAMAAIAH GARI CHAITHANYA	Dr. A V Pavan Kumar	HEALTH MONITORING OF A BATTERY USING BI-LSTM NETWORK
	21691A0236	P SANTHOSH REDDY		
	21691A0230	RASINENI PAVAN KUMAR		
	21691A0226	KURNOOL MOHAMMAD HAQQANI FA		
2	21691A0251	YANAMALA YUGANDHAR REDDY	Mrs. K Revathi	OPTIMIZING COST AND EMISSIONS IN A 10-UNIT POWER GENERATION SYSTEM USING DIFFERENT OPTIMIZATION TECHNIQUES WITH WIND ENERGY INTEGRATION
	21691A0224	CHIRUKURA MANOHAR		
	21691A0210	MADINENI CHARANSAINAIDU		
	21691A0201	SHAIK MALKIGARI. ABDUL RAJAK		
3	21691A0249	RAMAKKAGARI VINEELA	Dr. A V Pavan Kumar	GRID-CONNECTED PV ARRAY AND BATTERY STORAGE-BASED EV CHARGING STATION USING FOPID CONTROL STRATEGY
	21691A0221	PIDUGU KAVYASREE		
	21691A0231	YENUGONDA PAVANI		
	22695A0210	VUNDELA PRANAY TEJA REDDY		
4	21691A0206	LALBUN SHAIK ATHIKA	Mr. M. Venkatesh	IMPLEMENTATION OF AN INTELLIGENT BATTERY MANAGEMENT SYSTEM USING FUZZY LOGIC AND ADAPTIVE NEURAL NETWORKS
	21691A0222	GUNDLURI MAFTHAR		
	22695A0209	KANTRIGALA PAVAN		
	22695A0213	SHAIK SHANAWAZ		
5	22695A0201	SALLA AJAY SANKAR YADAV	Dr. K.Arul Kumar	GSM-BASED INTELLIGENT UNDERGROUND CABLE FAULT DETECTION
	21691A0250	BUKKE WINAYASSRUSTE		
	21691A0215	M C DIVYA SREE		
	22695A0212	GOOTY SHAIK MOHAMMAD ZHAKKEE		
6	21691A0245	THIRUVEEDHI SUDHARSHAN	Mr. K S Rajesh	VEHICLE TO GRID TECHNOLOGY IN MICRO GRID USING DC FAST CHARGING METHOD
	21691A0213	VEMURI DHARANI		
	21691A0223	RASHINENI MAHIDHAR NAIDU		
	21691A0243	TARIMALA SREECHARAN		


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7	21691A0211	SESHADRI CHINMAI	Dr. R. SaravanaKumar	ANALYSIS OF CUSTOMER BENEFITS INCORPORATING ELECTRIC VEHICLES IN DEMAND RESPONSE
	21691A0218	LEPAKSHI GULSHAN ALI		
	21691A0233	BOMMAGUNTA ROOPA		
	21691A0207	BASKAR.AMOSE		
8	21691A0248	AMBORU VENKATA SUBBA RAO	Dr. V B Thurai Raaj	ENHANCED ECONOMIC LOAD DISPATCH USING A NOVEL OPTIMIZATION APPROACH: A COST MINIMIZATION PERSPECTIVE
	21691A0238	VASURI SINDHUJA		
	22695A0219	CHEREDDY VENKATA NAVYA		
9	22695A0207	MACHA NITHIN	Mr. R Ramesh Kumar	HIGH VOLTAGE GAIN IN OPTIMIZED CAPACITOR CLAMPED DC-DC CONVERTER
	21691A0220	KASIREDDY KARTHIKEYA REDDY		
	21691A0239	GATTUPALLI SIVA PRASAD		
	21691A0242	SUBBAREDDI GARI SRAVAN KUMAR		
10	21691A0229	PENUGONDA NIGAMA	Mr. Ch. Srinivas	A NOVEL HYBRID TLBO-RAT ALGORITHM FOR OPTIMAL AND COST-EFFECTIVE POWER GENERATING SCHEDULING
	21691A0212	GOLLA DEEPTHI		
	21691A0237	AGAVINTI SHARAN KUMAR REDDY		
	21691A0227	SETTIPALLE RAJESH REDDY MOUNI		
11	21691A0225	CHINTHALA CHERUVU MANOHAR	Mr. B. Viaya Kumar	VEHICLE-TO-GRID (V2G) POWER TRANSFER USING THREE-PHASE INVERTER AND DQ CONTROL STRATEGY
	21691A0246	POGUNDA SWARNALATHA		
	21691A0240	GUTTI SIVA		
	20691A0209	BALAJA KARTHIK PRASAD		
12	21691A0247	K SWETHA	Dr. K. Lakshmikhandan	SUPPORT VECTOR REGRESSION FOR REACTIVE POWER COMPENSATION:A DATA-DRIVEN APPROACH TO POWER LOSS REDUCTION
	21691A0217	SADIVE GNAPIKA		
	22695A0211	BODDU RAJASEKHAR		
	22695A0208	B PAVAN		
13	21691A0204	MERUGU ANUSHA	Dr. Suman Yadav	LOAD FREQUENCY DYNAMICS IN MICROGRID WITH VEHICLE-TO-GRID INTEGRATION
	21691A0234	GUMMALLA SAI		
	22695A0217	NEELAPURAM TEJASWANI		
	22695A0218	PAGADALA VENKATA HARISH		


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14	22695A0205	KANALA.LAKSHMI REDDY	Dr. Satish Kumar Ramoji	A COMPARATIVE ANALYSIS OF ANN AND P&O MPPT TECHNIQUES IN PMSG-BASED WECS
	21695A0227	BAKTUR SAB GARI SHAREEF		
	22695A0221	THALAPAKALA RAM BHUPAL REDDY		
	21691A0228	KANNEMADUGU NARENDRA		
15	21691A0203	JAGGINA AJAY KUMAR	Mr. N. Sridhar	OPTIMIZATION OF DEMAND RESPONSE STRATEGIES FOR COST AND ENERGY EFFICIENCY IN SMART GRID
	21691A0219	NAGINENI INDUMATHI		
	21691A0205	KOYALAKUNTLA ARSHAD		
	22695A0203	KICCHILI HIMASAGAR REDDY		
16	21691A0216	KARAMALA GNANA CHARITHA	Dr. T.S. Balaji Damodhar	OPTIMIZED DC-DC BOOST CONVERTER WITH CAPACITOR STACKING FOR PHOTOVOLTAIC APPLICATIONS
	22695A0220	POLAKA VENKATA SURENDRA		
	21691A0244	BANDARLA SREE VARSHINI		
	22695A0204	SYED KHALEEL		
17	22695A0216	R U SURYA	Dr. vineet Kumar	QUAD ROTOR CONTROL USING OPTIMIZED LQR TECHNIQUE
	21691A0235	DEVARA SANDESH REDDY		
	22695A0202	NADINDLA CHANDRA MOULI		
	21691A0214	PUTTA DINESH		
18	22695A0214	CHAKALI SRAVANI	Mr. Ibrahim Zafar	MINIMIZING ENERGY MISMATCH IN ELECTRIC VEHICLE BATTERIES WITH THE OSPREY OPTIMIZATION ALGORITHM: A NOVEL APPROACH TO SOC AND RANGE
	22695A0215	NALLURI SUNIL KUMAR REDDY		
	21691A0209	KUNCHEPU CHANDU BABU		
	22695A0206	KANTHREEGALA LALITHA		

10/10/25
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