



PRAGATI ENGINEERING COLLEGE (Autonomous)

1-378, ADB Road, Surampalem, E.G.District, A.P. - 533 437
 (Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada & Accredited by NAAC with 'A' Grade)
 (Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956)
 Ph : 08852 - 252233, 252234, 252235, Fax : 252232, Website : www.pragati.ac.in
 (Sponsored by Gayatri Educational Society)

D.No. 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Srinagar, Kakinada - 3, Ph : 0884 - 2355900, Fax : 2363900

Project Titles -EEE IV Year & A- Section

Batch No.	S. No.	Roll No.	NAME OF THE STUDENT	Project Title
1	1	17A31A0201	BODDETI PRIYANKA	Performance improvement of dual voltage source inverter fed micro grid system using FOPID
	2	17A31A0206	KUKKALA RAMYA	
	3	17A31A0212	NALLAMILI SUSHMAREDDY	
	4	17A31A0214	SATHI KEERTHI PRIYANKA	
	5	17A31A0217	UTUKURI MOUNIKA	
2	1	17A31A0208	MAVIREDDY VIJAYA LAKSHMI	Speed Control of Induction Motor using a second-order sliding mode MRAS speed estimator
	2	17A31A0211	MUTYA SAI SRIKARI	
	3	18A35A0201	CH DHARANI CHOWDARY	
	4	18A35A0202	GANDHARAPU VISHALI	
	5	18A35A0203	TEKI BHAVANI	
3	1	17A31A0203	Jyothula Rama Lakshmi	Decentralized ANFIS Control of Microgrid for Electric Vehicle Charging Station
	2	17A31A0204	Kakarlapudi Snigdha	
	3	17A31A0207	Magapu Vidya	
	4	17A31A0219	Vanaparathi Pratyusha	
	5	17A31A0222	Yendamuri Bhavyasri	
4	1	17A31A0205	Kantipudi Sirisha	Implementation of NPC Inverter for Autonomous PV Array Excited Wind Driven Induction Generator for off grid Application
	2	17A31A0210	Moparathi Sruti	
	3	17A31A0215	S Naga Sri Hari Priya	
	4	17A31A0218	V S S V Phanisahitya	
5	1	17A31A0202	Immandi Sindhu	ANFIS based of Optimal Maximum Power Point Tracking Algorithm for Photo-Voltaic Energy Conversion System
	2	17A31A0213	Peddinti V L Sai Sruthi	
	3	17A31A0216	Sula Sita Maha Lakshmi	
	4	17A31A0220	Vennapu Satyavathi	

6	1	17A31A0225	CH. SAI MANIKUMAR	Power Loss minimization of IEEE 33 Bus System with A Generalized Approach of ACDC Hybrid Limited Distribution Systems
	2	17A31A0226	CH SAI SANDEEP	
	3	17A31A0229	E NITISH KUMAR	
	4	17A31A0235	KONALA RAJA	
	5	17A31A0257	VULAVALA SRIHARI	
7	1	17A31A0230	Gollapalli Jagadish	An Optimal Maximum Power Point Tracking using Particle Swarm optimization algorithm in PV System
	2	17A31A0232	J Yogi Naga Sai Ram	
	3	17A31A0242	P V Siva Sai Ram	
	4	17A31A0245	R Abhirama Sasidhar	
	5	17A31A0252	V Sai Nandan Varshith	
8	1	17A31A0224	Burra Surya Sai Raja	Advanced Intelligent Control Architectures for Autonomous AC, DC and Hybrid AC/DC Microgrids with Decentralized and ANFIS Control
	2	17A31A0227	CH Venkata Srinivas	
	3	17A31A0248	R Subhash	
	4	17A31A0255	V Satya Ravi	
	5	17A31A0258	Y Srinivas Manohar	
9	1	18A35A0207	Kasi Rama Krishna	An ANFIS Based Advanced Disturbance Reduction Field-Oriented Control for Six-phase Induction Machine
	2	18A35A0208	K Sai Manikanta	
	3	18A35A0210	Kurapati Sai Karthik	
	4	18A35A0212	P Sri Rama Sai Hanvesh	
	5	17A31A0251	Tummalapalli Kiran Teja	
10	1	18A35A0209	KOTA RAVINDRA SAI	A SinglePhase Integrated On board Battery Charger Using Fuzzy Logic Controller for Plug in Electric Vehicles
	2	18A35A0205	CH V D KRISHNA VAMSI	
	3	18A35A0213	VASAMSETTI VIJAY KUMAR	
	4	18A35A0204	BONTHU PRADEEP KUMAR	
	5	18A35A0211	P.Sudheer	
11	1	17A31A0236	Lakkavarapu Lokabhiram	Modified Cascaded Multiport Converter using Fuzzy Logic Control for SRM based Hybrid Electrical Vehicle Applications
	2	17A31A0249	Taritla China Babu	
	3	17A31A0250	Tentu Kashyap Kumar	
	4	17A31A0254	Vatturi Siva Sai Phani	
	5	17A31A0223	A.Jagan Mohan	

12	1	17A31A0240	Matta Pavan Kumar	Grid Connected Wind-PV Hybrid Power generation Using Fuzzy based Voltage Source Converters
	2	17A31A0243	Ramireddy Raja	
	3	17A31A0244	Ravipati Akhil Ganesh	
	4	17A31A0247	Kovvuri Venkata Reddy	
	5	17A31A0253	Vangalapudi Sai Bhargav	
13	1	17A31A0228	D Ch Likhit Kumar	Implementation of a new power factor correction technique using Bridge-less PFC boost converter
	2	17A31A0231	G Satya Subhash	
	3	17A31A0233	K K Chowdary	
	4	17A31A0234	K Uma Sai	
	5	17A31A0256	Vemagiri Akhil	
14	1	17A31A0237	M Hari Teja	Speed Control of Hybrid Electric Vehicle using PSO based PID controller
	2	17A31A0238	Mallireddy Sai Surya Sankar Sandeep	
	3	17A31A0239	M Govardhan Reddy	
	4	17A31A0241	P. Ganga Venkata Phanindra Yadav	
	5	17A31A0246	S.SaiSatish	



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Project Titles -EEE IV Year & B- Section

Batch No.	S. No.	Roll No.	NAME OF THE STUDENT	Project Title
1	1	17A31A0262	G Lakshmi Samyuktha	Intelligent Control based Solar_PV and Battery Storage System for Industrial SRM Drive Applications
	2	17A31A0273	S Padma Manaswini	
	3	17A31A0274	Tushara Mantripragada	
	4	17A31A0276	Yalla Sai Ram Akhila	
	5	18A35A0215	T Naga Sai Amrutha	
2	1	17A31A0259	Balireddy Kalyani	Implementation of a standalone solar photovoltaic Hybrid System using shunt active Power Filter
	2	17A31A0260	B Vaishnavi Devi	
	3	17A31A0265	M Yamini Satya Sri	
	4	17A31A0266	Nelapudi Mounika Sri	
	5	17A31A0275	Vodugu Manaswi	
3	1	17A31A0261	B Lakshmi Tanmai	Wind Energy Conversion System with Fuzzy Logic Based Solid State Transformer
	2	17A31A0263	Kandavalli Rishitha	
	3	17A31A0264	M V Sai Sri Pratyusha	
	4	17A31A0272	Shaik Khamur Unnisa	
	5	18A35A0214	M Padma Sai Bhavani	
4	1	17A31A0267	P Yoga Bhavishya	Single Phase Single Stage Grid - Connected Photovoltaic System Using enhanced H6 Topology
	2	17A31A0268	P Venkata Sai Nikitha	
	3	17A31A0269	Perla Amulya	
	4	17A31A0270	P S V L Suneetha	
	5	17A31A0271	Rampa Shalini	
5	1	17A31A0281	Bokka Sai Kumar	Optimal Placement of Distribution Generations using Autonomous Group Particle Swarm Optimization in a Distributed Power System for Power Loss Minimization and Voltage Profile Improvement
	2	17A31A0283	Geesala Vijay Kumar	
	3	17A31A0284	Gode Sai Krishna	
	4	17A31A0286	Joga Veera Sri Nanda	
	5	17A31A0297	M Krishna Kanth	
	6	17A31A02A7	R Sai Sunandh	

6	1	17A31A02A8	J Sai Vathsav	Highly Efficient and Reliable PV Inverter Configuration for Leakage current elimination in a Grid connect PV System
	2	17A31A02A9	Sattiraju Dattatreya	
	3	17A31A02B3	Thotakura Krishna Babu Naidu	
	4	17A31A02B5	V Naga Saikiran	
	5	17A31A02B7	V Yadava Ramesh	
7	1	17A31A0280	B Janardhana Reddy	Fopid Based Coordinated Control Strategies for DG units in an Unbalanced Micro-grid
	2	17A31A0287	K Satyanandham	
	3	18A35A0216	Bakki Chandra Vamsi	
	4	18A35A0218	Chitikina Gowrinath	
	5	18A35A0220	Katta Manoj Kumar	
8	1	17A31A0279	Boddu Pavan Teja	Fuzzy Control Based Adaptive Maximum Power Point Tracking Control Algorithm for Wind Energy Conversion Systems
	2	17A31A0282	Damodhara Naveen	
	3	17A31A0294	Kutha Vishal Reddy	
	4	17A31A0298	Mandapalli Sam Moses Sastry	
	5	17A31A02A4	Pothuraju Teja Venkata Siva Ganesh	
9	1	17A31A0278	A B N V Vara Prasad	An Isolated Bidirectional DC to DC Converter for Photovoltaic Systems with Improved H6 Topologies
	2	17A31A0291	K Raviraj	
	3	17A31A0293	K B Siva Ganesh	
	4	17A31A0296	M L S Swamy Naidu	
	5	17A31A02A1	N Phaneendra	
10	1	17A31A0285	G G Sri Sai Sidhardha	An alternative to charging stations based On-Board Charging station using an Intelligent Controller
	2	17A31A02A5	P Raghavendra	
	3	17A31A02B0	Sesetti Mehar Aditya	
	4	18A35A0224	Rachapalli Adarsh	
	5	18A35A0226	Vanamadi Prabhu Raju	
11	1	17A31A0292	S Venkata Sai Ram	Grid Voltage Synchronization Using Fopid Based PLL techniques under Unbalanced Grid Voltage conditions
	2	17A31A02A2	Panchadi Rama Rao	
	3	18A35A0217	Vuyyurie Chiranjeevi	
	4	18A35A0219	Kalla Sunil	
	5	18A35A0223	Nurukurthi Rajesh	

12	1	17A31A0289	Kommu Sriram Datta	Fuzzy based Power Management Control Strategy for Solar - Battery Hybrid Micro grids Under Grid Connected and Islanding Mode Opreations
	2	17A31A0295	Lagudu Mani Kumar	
	3	17A31A0299	Mekala Kiran	
	4	17A31A02A0	M Pavan Satya Arun	
	5	17A31A02A6	R Pavan Kumar	
13	1	17A31A0290	K S Narayana Murthy	Electric springs for Voltage and Power Stability and Power Factor Correction Using genetic Algorithm
	2	17A31A02B1	T Dora Babu	
	3	18A35A0221	Namballa Tarun Kumar	
	4	18A35A0222	N Jagadish Sai Kumar	
	5	18A35A0225	Sarakanam Trinadh	
14	1	17A31A0288	Karri Anil Reddy	Voltage Regulation of Small hydro standalone 1- ϕ Microgrid Using FUZZY LOGIC Based Adaptive Sliding Mode Control
	2	17A31A02B2	Tekumudi Sai Teja	
	3	17A31A02B4	T Mohan Sai Kumar	
	4	17A31A02B6	Vankala Satish Kumar	
	5	17A31A02B8	Vikash Choudhary	