



# 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 & B- Section

Batch-1			
Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A0263	KADIMI LALITHA DEVI	BALANCE BETWEEN VOLTAGE AND POWER USING MULTILEVEL CASCADED H-BRIDGE INVERTER FOR MICROGRID USING A NOVEL THREE-PHASE SOLID-STATE TRANSFORMER
2	19A31A0258	BIKKINA GAYATRI	
3	19A31A0259	CHALLA PURNA MANI TEJASWI	
4	19A31A0290	KATTA DURGA VENKATA SAI KIRAN	
Batch-2			
Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A0267	MALLIPUDI DURGA MALLESWARI	AN ADVANCED WIRELESS CHARGING TOPOLOGY FOR EVS WITH IPT TECHNIQUE WITH LOSS LESS OPERATION
2	19A31A0285	GEDELA DINESH	
3	19A31A0272	SATTI SOFIA SUGANDHI	
4	19A31A0295	MAMIDI SUNIL KUMAR	
5	19A31A02A1	PATI MANIKANTA	
Batch-3			
Sl.No	Roll Number	Name Of the Student	Project Title
1	20A35A0217	KESANAKURTHI V V S S BHAVANI PRASAD	System Modeling and Stability Analysis of Single- Phase Transformerless UPQC Integrated Input Grid Voltage Regulation
2	19A31A0297	NARLA UMA MAHESH	
3	19A31A0298	NETALA JOHN WIND	
4	19A31A0282	CHEEKATLA NITISH	
5	19A31A0292	KONA NAGA PAVAN	
6	19A31A02B0	YALLA KASI VISWANATH	
Batch-4			
Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A0294	MADEPALLI SRI VENKATA KRISHNA PRAVEEN	A NOVEL CONTROL TECHNIQUE APPLIED IN MMC DC-DC CONVERTER
2	19A31A0265	KASIMEDA ROJAMANI	
3	19A31A0266	KONDAPALLI VEERAMANI	
4	19A31A0279	ANAPU SUDHEER	
5	19A31A0284	DANDANGI SANJEEV	
Batch-5			
Sl.No	Roll Number	Name Of the Student	Project Title
1	20A35A0226	POLAVARAPU HEMANTH	A HYBRID MICROGRID OPERATED BY PV WIND AND DIESEL GENERATOR WITH ADVANCED CONTROL STRATEGY
2	20A35A0219	MEDISETTI SAI SIVA KUMAR	
3	19A31A0299	PATAMSETTI SURYA VENKATA MANOJ	
4	19A31A0288	INUMARTHY RAGHAVENDRA	
5	19A31A0283	CHINNARI VENKATA MANIKANTA ANJANEYA	

Batch-6			
Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A0270	NULU ANANTHA LAKSHMI	A NOVEL CONTROL A PHOTOVOLTAIC BESS SUPPORTED UPFC WITH POWER QUALITY IMPROVEMENT FEATURESTECHNIQUE APPLIED IN
2	19A31A02B2	YARRAMNEEDI SIVA	
3	19A31A0269	MUNGI SATYA SURYA VENKATA KUSUMA	
4	19A31A02A9	VENUTURUMILLI HARI HARAN	
5	19A31A0287	GURAJARAPU SAI VENKATA GOWTHAM	
Batch-7			
Sl.No	Roll Number	Name Of the Student	Project Title
1	20A35A0215	MYLA SATYA DEVI HARI PRIYA	A PHOTOVOLTAIC BESS SUPPORTED UPFC WITH POWER QUALITY IMPROVEMENT FEATURES
2	20A35A0218	ULAPALLI SAI SRINIVAS	
3	19A31A0262	JANGAREDDY DIVYA	
4	19A31A0296	MANDAPALLI VEERA VENKATA KASI	
5	19A31A0291	KEERTHI RAJA	
Batch-8			
Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A0268	MARTURI LAKSHMI PRATYUSHA	THE IMPACT OF VOLTAGE BALANCING CONTROL ON SWITCHING FREQUENCY OF THE MODULAR MULTILEVEL CONVERTER
2	20A35A0223	NUKAPEYYI PRADEEP	
3	19A31A0273	TULLI CHAMUNDESWARI	
4	19A31A0260	CHELLUBOYINA TULASI LAKSHMI	
5	19A31A02A5	RAYUDU VEERA VENKATA SATYA AKASH	
Batch-9			
Sl.No	Roll Number	Name Of the Student	Project Title
1	20A35A0221	MALLA SRINIVASA MANIKANTA	A MODEL PREDICTIVE CONTROL METHOD FOR HYBRID ENERGY STORAGE SYSTEM
2	20A35A0224	GILAKAMSETTI BHAVANIPRASAD	
3	20A35A0227	KAKARLAPATI SARATH CHANDRA KARTHIK	
4	19A31A0280	BHEEMIREDDY PHANEENDRA	
5	19A31A0277	AARSI LIKHITH SAI VAMSI	
6	19A31A0278	AKULA N V V DURGA SATYA PRASAD	
Batch-10			
Sl.No	Roll Number	Name Of the Student	Project Title
1	20A35A0216	KHAMBHAMMETTU SAI SUBRAHMANYAM	A FUZZY APPLICATION TO EV CHARGING STATIONS EMPLOYING MULTI-PORT CONVERTER WITH MULTI-DIRECTIONAL POWER FLOW CAPABILITIES
2	20A35A0222	SEERAMREDDI TEJA	
3	19A31A02A8	TIKKISETTI SAI VENKAT KUMAR	
4	19A31A02A3	PUPPALA MANOJ KUMAR	
5	19A31A02A7	SERU SATYA DILEEP	
6	19A31A02A0	PATHURI SHYAM KUMAR	
Batch-11			
Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A0264	KAPU NAGA HARITHA PRAVALLIKA	A NOVEL CONTROL SCHEME FOR A PV WIND SUPPORTED STATCOM FOR INCRESING GRID POWER TRANSMISSION LIMITS DURING NIGHT AND DAY
2	19A31A0274	VINEELA TADI	
3	19A31A0261	GUNDEPALLI VARASRI RESHMA	
4	19A31A0286	GORRUPOTU VARUN TEJA	
5	19A31A02A4	RANGANADHAM NAVEEN KRISHNA	

Batch-12			
Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A0276	YERROJU NAGA SATYA GANGA PRANEETHA	REFRIGERATION LOADS SUPPORTED BY PMSM OPERATION SUPPLIED BY PV WITH ADVANCE CONTROL STRATEGY FOR ISLANDED AREA
2	19A31A0271	POLISETTI LAKHSMI SUPRIYA	
3	19A31A0289	KOTHAPALLI NAGA BHASKAR	
4	19A31A0275	VUNDAVILLI ESWARI SAI SURYA GANA VARSHITHA	
5	19A31A02B1	YARRAMALLA AJAY KUMAR	
Batch-13			
Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A02A2	PENKE KRISHNA SWAMY	power quality improvement in pv system tied to weak grid
2	20A35A0220	DHARANIKOTA L V S S MANIKANTA	
3	19A31A02A6	SALADI NITHIN SAI RAGHAVA	
4	20A35A0225	VEMAGIRI ATCHUTH KUMAR	
5	19A31A0281	BOGADA BALA NAGA SIVA SAI RAMAKRISHNA	



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## Project Titles -EEE IV Year & A- Section

Sl.No	Roll Number	Name Of the Student	Project Title
1	20A35A0210	SONTENI AHARON	A HYBRID MICROGRID OPERATED BY PV WIND AND DIESEL GENERATOR WITH ADVANCED CONTROL STRATEGY
2	20A35A0208	KADA ANAND	
3	19A31A0226	CHIKKIREDDY CHAKRADHARI	
4	19A31A0238	MUSHINI SUBRAMANYAM	

### Batch-2

Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A0235	KOLLI PRASANNA	A SYSTEM WITH UNINTERRUPTIBLE SOLAR ARRAYS, WIND AND BATTERIES THAT CAN OPERATE IN VARIOUS POWER MODES AND HAS IMPROVED POWER QUALITY
2	19A31A0255	VELLA SAI GANESH	
3	19A31A0205	DASI SRI DHANYA	
4	20A35A0204	KARRI DURGA BHAVANI	

### Batch-3

Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A0218	PERURI SAI RAMA APARNA	ENHANCEMENT OF GRID-CONNECTED SOLAR PV SYSTEM POWER QUALITY USING ADAPTIVE NOISE REDUCTION MANAGEMENT AND FREQUENCY CONTROL LOOP
2	19A31A0202	BASAVA PRATHIBHA	
3	19A31A0206	GUNDU DIVYA SAI MANI LAKSHMI SNEHA PRIYA	
4	19A31A0251	ULLI SAI TRINADH	
5	19A31A0227	DULLA BALA CHANDRA SEKHAR	

### Batch-4

Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A0208	GUTTULA GEETHA VENKATALAKSHMI	A GRID INTERACTIVE SYSTEM WITH PV WIND AND BESS COGENERATION SYSTEM
2	20A35A0212	CHILAKAPATI KEERTHI KUMAR	
3	19A31A0257	YENDURI MR SAI KRISHNA SRI HARSHA	
4	19A31A0217	PARUPUDI PRAHARSHITHA	
5	19A31A0225	CHERUKU BHUVANA SURYA PHANI SRI HARSHA	
6	19A31A0228	GUBBALA RAVINDRA	

Batch-5			
Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A0214	KOPPANA JHANSI SATYA VENKATA TULASI	A HYBRID CONVERTER FOR A PV CHARGING STATION WITH ADVANCED CONTROL STRATEGIES
2	19A31A0242	PARUCHURI DHARMA SAI	
3	19A31A0221	SANKABATHULA LAKSHMI ALEKHAYA	
4	19A31A0234	KARRI DHANUSH VARMA	
5	19A31A0253	VALLURI SWAROOP	
6	19A31A0254	VARDANAPU MANIDEEP	
Batch-6			
Sl.No	Roll Number	Name Of the Student	Project Title
1	20A35A0205	JAGGAMPUDI JOHN BANION	AN ADAPTIVE TECHNIQUE TO IMPROVE LVRT IN MICROGRID SYSTEMS USING SFCL
2	19A31A0209	INTI SADHVIKA JANI	
3	19A31A0249	SHAIK ABID HUSSAIN	
4	20A35A0211	KANCHARANA GUNA VARDHAN	
5	19A31A0231	KANCHUSTAMBAM VEERABABU	
6	19A31A0256	YARNAGULA GOWTHAM	
Batch-7			
Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A0247	SATHI PASUPATHI NAIDU	AN ADVANCED PV SUPPORTED DVR WITH ENERGY OPTIMISATION TECHNIQUE
2	19A31A0219	SABBINEEDI JHANSI DIVYA	
3	19A31A0239	MYLAPALLI RAMA KRISHNA	
4	19A31A0215	KURRA NAGA MAHALAKSHMI VIDYASRI	
5	19A31A0237	KOYYA HEMANTH SAI SRI RAM	
6	19A31A0222	ALLAM LAKSHMI NARASIMHA PRASANTH	
Batch-8			
Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A0223	ALLU SUDHEER KUMAR	A MULTIPORT CONVERTER WITH FLEXIBLE ENERGY CONVERSION IN DIFFERENT DRIVING MODES APPLICATION IN SRM'S
2	19A31A0212	KATARI SRI LAKSHMI	
3	19A31A0244	PITTA PREM KUMAR	
4	20A35A0209	SULAKE RAMANUZ	
5	20A35A0203	SUREDDI SNEHA SRI	
Batch-9			
Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A0248	SEELA GOWTHAM	A FUZZY LOGIC CONTROL APPLICATION FOR THE EV CHARGING STATION SUPPORTED BY PV BESSS AND DIESEL GENERATOR
2	19A31A0250	SIMMA RAHUL	
3	19A31A0204	DARLA SRI NAGA LAKSHMI PRIYANKA	
4	19A31A0230	KALAPUREDDY PRAVEEN REDDY	
5	20A35A0201	PALIVELA JEEVANA SUSHMITHA RANI	

Batch-10			
Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A0203	DANGUDUBIYYAM PAVANI	HARMONIC VOLTAGE CONTROL IN DISTRIBUTED GENERATION SYSTEM USING OPTIMAL SWITCHING VECTOR STRATEGY
2	20A35A0206	NIMMALAPUDI SATYA KRISHNA	
3	19A31A0243	PENTA SAI NITHIN	
4	19A31A0224	BHYRAVAJHALA VENKATA SUBRAHMANYA SRI RAM	
5	19A31A0232	KANIGINEEDY DAYA KIRAN	
Batch-11			
Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A0216	NAIDU SRUJANA	A PV BESS SUPPORTED SERIES ACTIVE FILTER WITH POWER QUALITY IMPROVEMENT FEATURES
2	20A35A0207	SURESH ANNAMDEVULA	
3	20A35A0214	DADALA ASHOK KUMAR	
4	19A31A0229	GUBBALA SAI VENKATA KISHORE	
5	19A31A0210	KADIYALA ANUPAMA	
6	19A31A0240	NARALA PURNA CHANDRA DURGA PRASAD	
Batch-12			
Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A0207	GUNNAM BALA VEERA NANDINI	REFRIGERATION LOADS SUPPORTED BY PMSM OPERATION SUPPLIED BY PV WITH ADVANCE CONTROL STRATEGY FOR ISLANDED AREA
2	19A31A0201	ADARI KAVYA	
3	19A31A0246	SANDEEP VARMA PALLI	
4	19A31A0233	KAREDLA SRINIVAS	
5	19A31A0241	NEELAPALA ESWAR MANIKANTA	
Batch-13			
Sl.No	Roll Number	Name Of the Student	Project Title
1	19A31A0213	KEDARISSETTI LAKSHMI SAHITHI	A SEPIC CONVERTER APPLICATION IN WIND POWER DEVICES TO EXPAND THE SPEED RANGE OF DUAL-STATOR WINDING INDUCTION GENERATORS
2	19A31A0220	SALADI ISHWARYA MADHURI	
3	19A31A0236	KORNANI BHARATH	
4	20A35A0202	KARRI SYAMALA DEVI	
5	19A31A0245	POLISSETTI HARSHA VEERA NAGENDRA VARAPRASAD	
6	19A31A0252	UNDURTHI PRAVEEN KUMAR	