



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	H.T.No.	Name of the Candidate	Project Title
Batch No 1	21A35A0210	K.RAGHUNATH	FAULT DETECTION AND MITIGATION IN MULTILEVEL INVERTER BY USING ACTIVE FAULT –TOLERANT CONTROL SYSTEM
	20A31A0234	K.BHARATH	
	20A31A0235	DHARMA TEJA	
	20A31A0231	G.RAMESH	
	20A31A0236	M.MANI KANTA	
Batch No 2	21A35A0209	G . N . SIVA DURGA	TRANSFORMER HEALTH MONITORING USING ARDUINO AND GSM AND LOCAL MONITORING DISPLAY
	20A31A0224	B . SATYA MANOJ REDDY	
	20A31A0221	A . PRABHAS	
	20A31A0232	G . SAI DURGA	
	20A31A0225	B . ANUDEEP	
Batch No 3	20A31A0216	S.SONY	A WIDE RANGE OUTPUT VOLTAGE CHARGER FOR ELECTRICAL VEHICLES
	20A31A0214	P. SUBHA SREYA	
	20A31A0245	R.SURYA	
	20A31A0209	K.MONIKA	
	20A31A0249	T.SATYAMURALI	
Batch No 4	20A31A0207	G.ARCHANA	ENHANCEMENT OF POWER QUALITY DISTRIBUTION SYSTEM USING FPID IND--STATCOM
	20A31A0218	S.DIVYA	
	20A31A0208	K.REVATHI	
	20A31A0203	B.LIKHITHA	
	20A31A0247	S.MOHAN	
Batch No 5	21A35A0208	D.MARUTHI PRASAD	A Battery- Capacitor Integrated to Electric Vehicle and Microgrid Incorporated Operations in V2G and G2V
	21A35A0211	M.SATHIBABU	
	20A31A0242	P.VENKAT BALAJI	
	20A31A0220	A.DEVI SRINIVAS	
	20A31A0233	K.SHYAM	
Batch No 6	21A35A0202	DANISETTI.ROSHINI	HI TECH ENERGY METER FOR SMART CITIES USING GSM TECHNOLOGY
	21A35A0201	BONGU.GIRIJA	
	21A35A0205	MEDISETTI JAHNAVI	
	20A31A0250	V. PRANAY SAMPATH KUMAR	
	20A31A0246	R. RAMU	

Batch No 7	21A35A0203	G. KOMALI	A NEW EFFICIENT SYSTEM FOR PV FED TO BLDC MOTOR BY USING ANN CONTROLLER
	21A35A0207	VARIPILLI.NAGAVALLIKA	
	21A35A0204	K. PRAVALLIKA	
	21A35A0206	SUREDDI.NAVYA SRI	
	20A31A0222	B. SRINU	
Batch No 8	20A31A0206	G.MADHURI	INTEGRATION OF RAILWAY SYSTEM CONNECTED FED TO MICROGRID STATIONS
	20A31A0219	U.NAVEENA	
	20A31A0211	N.NITHYA	
	20A31A0215	R .LALITHA	
	20A31A0237	M. BABA SWAROOP	
Batch No 9	20A31A0201	A.PAVANI	ANALYSIS & CONTROL FOR PV SOLAR INTEGRATED WITH GRID FORMING POWER RESERVES
	20A31A0227	CH.HARISH	
	20A31A0241	N.VENKAT	
	20A31A0228	D.VEERABABU	
	20A31A0212	P.SAI DURGA POOJITHA	
Batch No 10	20A31A0204	B.VAISHNAVI	A NEW CONTROLLER FOR SOLAR PV FED MODULAR MULTILEVEL INVERTER TOWARDS WATER PUMPING APPLICATION
	20A31A0223	B.DHEERAJ	
	20A31A0213	P.B.SIRISHA	
	20A31A0210	M.MEGHANA	
	20A31A0202	B SUSMITHA	
Batch No 11	20A31A0217	TAHSEEN	Optimal Control Schemes for single phase induction motor
	20A31A0205	CH. NAMRATHA	
	20A31A0240	N. SANDEEP REDDY	
	20A31A0239	NAKKA RAJESH	
	20A31A0229	BHEEMA RAJU	
Batch No 12	20A31A0248	S.HARI KRISHNA REDDY	LOAD CRITERIAN POWER CONTROL FOR WITH INDEPTH ANALYSISOF SINGLE PHASE ELECTRIC SPRINGS
	20A31A0251	V. JAYA PRAKASH	
	20A31A0230	G. JAY PRAKASH	
	20A31A0226	CH.HARINADH	
	20A31A0244	P.REVANTH KIRAN	



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Project Titles -EEE IV Year & B- Section

Batch	ROLL NUMBER	STUDENT NAME	Project Titles as per paper publication
Batch No 1	20A31A0274	DEVU RAJA SEKHAR	Energy Management System for Hybrid PV-Wind-Battery Based Fuzzy Logic Controller System
	20A31A0283	KOPPISETTI MAHESH	
	20A31A0285	KOTNALA JAYAKRISHNA RAKESH	
	20A31A0295	SANABOYINA MURALI SATYA SAI	
	20A31A0272	CHINTALA MOHAN DEVI PRASAD	
Batch No 2	21A35A0214	MADALA VENKATESH	DESIGN AND IMPLEMENTATION OF POWER SAVING ON RAILWAY PLATFORM BASED ON ARRIVAL AND DEPARTURE OF TRAIN
	21A35A0218	MYLA SATYA LAKSHMI	
	20A31A0265	YANDRAPU NEELIMA	
	20A31A0253	GANDHAM LAKSHMI TULASI	
	20A31A0264	VALLI SATYASRI	
Batch No 3	21A35A0212	ANKAM SAI VENKAT	IMPLEMENTATION OF FIRE CONTROL ROBOTIC VEHICLE OVER IOT TECHNOLOGY
	21A35A0223	TUMMA HARIVEERENDRA	
	21A35A0216	MEDISETTI TIRUMALAVASU	
	21A35A0222	SIDHANTHAPU GAGAN	
	20A31A0277	DIVYA VENKATA PRASANNA	
Batch No 4	20A31A0258	MATAPODU AMULYA	OPERATING MODES ON GRID CONNECTED INDUCTION MOTOR BY DC – LINK CONVERTER
	20A31A0255	GOLLAPALLI HEMA DURGA VENKATA LAKSHMI	
	20A31A0288	MALLIPUDI MANJU MANIKANTA	
	20A31A0267	ANUSURI SUBASH	
	20A31A0298	WILLIAM CAREY VANTIMI	
Batch No 5	20A31A0252	DOOLLA VENKATA PADMA	SOLAR POWERED INCORPORATED AC LINE FEEDER WITH ACTIVE OUTPUT FILTER UNDER NON-LINEAR CONDITION
	20A31A0254	GARAGA DHANASRI	
	20A31A0262	THANGETI KHEMA AKHILA	
	20A31A0266	AMUJURI RAM CHARAN TEJA	
	20A31A0261	TEKI JAYA VISWA SAI CHAITANYA	
	20A31A0269	BARIDDI YELLAYYA REDDY	
Batch No 6	21A35A0225	VANA TEJESWARA RAO	DESIGNING & ENHANCING INTEGRATED ON-BOARD ELECTRIC VEHICLE BATTERY CHARGER USING MATLAB & SIMULINK
	21A35A0219	OOTLA DEEPAK CHAND	
	21A35A0217	MOHAMMAD GOUSE MOHIDDIN	
	21A35A0221	PAMPANA TARAKA VENKATA	
	21A35A0224	VADLAMURI BALA VEERA	

Batch No 7	20A31A0263	UPPULURI SUPRAJA	ENHANCEMENT OF GRID CONNECTED PHOTOVOLTAIC SYSTEM FOR NON LINEAR LOADS BASED ON MDSOGI - MPC ALGORITHM
	20A31A0284	KOTLA VENKATA ROHITH	
	20A31A0257	KOMMOJI SUPRIYA	
	20A31A0259	REDDY SUJATHA	
	20A31A0276	DHANEKULA HARSHAVARDHAN	
Batch No 8	20A31A0287	LAVETI KHYATHI VIJAYA	INTEGRATION OF FRACTIONAL ORDER SLIDING MODE CONTROL & ANN CONTROL IN D-STATCOM WITH POWER DISTRIBUTION SYSTEM
	20A31A0294	PEELA NIKHIL PRABHU SAI	
	21A35A0220	PENTAKOTA SAGAR	
	20A31A0292	PALADI KOWSHIK	
	20A31A0289	MARRI SURESH	
Batch No 9	20A31A0256	KANAKALA SUSHMITHA PAVANI	ACTIVE CONTROL STRATEGIES FOR POWER QUALITY OF DC SYSTEMS AND REDUCE THE USAGE OF BULKY CAPACITORS
	20A31A0260	SAMAYAMANTHULA AJITHA	
	20A31A0293	PANDIRI SRI SATYA SAI KIRAN	
	20A31A0286	KUNCHE VINOD	
	20A31A0290	MEKALA SANTOSH KUMAR	
Batch No 10	20A31A0278	EDURI UDAY SAI KIRAN	Single-Phase to Three-Phase Drive System Using Two dc link Parallel Single-Phase Rectifiers
	20A31A0271	CHINNAM RAMACHANDRA REDDY	
	21A35A0213	GANDEPALLI PAVAN SAI PUNITH	
	21A35A0215	MARE SAI KIRAN	
	20A31A0270	BONASULA S V V S	
Batch No 11	20A31A0299	YALLAMILI ARAVIND	WIRELESS CHARGING ELECTRICAL VEHICLES BY OPTIMAL INDUCTIVE COUPLE TRANSFORMER
	20A31A0281	KANTIPUDI BOBY	
	20A31A0297	VULLI GUNA SEKHAR	
	20A31A0268	BANDARU SURYA SAI ABHIRAM	
	20A31A0282	KARRI BHANUTEJA	
Batch No 12	20A31A0275	DEVULAPALLI S S SATHWIK	VIENNA RECTIFIER FED SQUIRREL CAGE INDUCTION GENERATOR BASED STAND-ALONE WIND ENERGY CONVERSION SYSTEM
	20A31A0279	GANGIREDLA PRAVEEN KUMAR	
	20A31A0280	GUNIPALLI JYOTHI ARAVIND	
	20A31A0291	NAGABATHULA JOHN	
	20A31A0273	DARISIPUDI AMARNATH GUPTHA	