NEWSLETTER

DEPARTMENT OF ELECTICAL AND ELECTRONICS ENGINEERING

CONTENTS

STARTING A NEW ACADEMIC YEAR WITH PROPER PLANNING FOR EXCELLENCE AND POSITIVE ENTHUSIASM HEIGHTENS OUR EXPECTATIONS AND MOTIVATES US TO INVOLVE IN ALL THE ACTIVITIES WITH TOTAL COMMITMENT.

THIS ISSUE OF CAMPUS CONNECT GIVES ONLY SUCH A FEELING. HAVING COMPLETED MEETINGS OF THE STATUTORY AND NON-STATUTORY BODIES OF AUTONOMY AND SIPHONING IN NEW ENERGY TO ACHIEVE ALL THE BENCHMARKS WE ARE MARCHING FORWARD.ACHIEVING EXCELLENCE IS A COMMITMENT FOR HABITUAL HARDWORK AND REGULAR CELEBRATION OF ACHIEVEMENTS. THE MANY ACTIVITIES THAT TAKE PLACE WITHIN OUR CAMPUS ADD LITTLE BY LITTLE STEAM FOR FASTER ACHIEVEMENTS OF THE STAFF AND THE STUDENTS, RAISING THE ALL-ROUND STANDARD OF THE COLLEGE.

AS ADMISSIONS ARE GOING ON, LET US OPEN HEARTEDLY WELCOME THE FRESHERS AND THEIR FAMILY TO BE OUR NEW AND MEANINGFUL STAKEHOLDERS. MAY THEY ENJOY EDUCATION IN OUR INSTITUTION, DEVELOPING THEIR KNOWLEDGE AND SKILLS, FOR A MEANINGFUL LIFE AND LIFE-ENHANCING CAREER. LET US ALL COME TOGETHER TO MAKE THEIR LIFE A CELEBRATION. LET US WISH EACH ONE OF THEM GREAT SUCCESS AND A WONDERFUL PROFESSIONAL LIFE.

VISION AND MISSION

Vision

To be an institutios of eminesce of optimal human development, excellent engineering education and pioneering research towards developing a technically- empowered humane society.

Mission

To transform the (rural) youth into top class professionals and technocrats willing to serve local and global society with ethical integrity, by providing vibrant academic experience of learning, research and innovation and stimulating opportunities to develop personal maturity and professional skills, with inspiring and high caliber faculty in a quality and serene infrastructural environment.

EVENTS

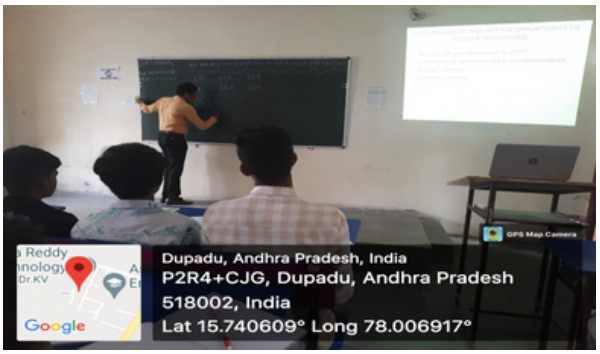
EVENTS CONDUCTED BY DEPARTMENT OF EEE

For every academic year department of EEE conducts different organizational events for the betterment of the students
The following are the events conducted by the department EEE

A Project Expo on“Technovation-2K22”

The EEE Dept of the College, in association with AEEE, organised a demo-cum-expo of as many as 14 student projects completed by the S8 B Tech (EEE) students, in the Basic Electrical Lab of the College 06.04.2018. The event was intended to showcase the variety, the quality and the standards of the projects taken up by the students of the EEE Dept. The event was much appreciated and a large number of students, faculty and staff of the College visited the expo.

This program is conducted on 06-12-2022 by EEE Students



Guest Lecture on“Hybrid Electrical Vehicles”

A Hybrid Electric Vehicle is a type of vehicle that uses a combination of an Internal Combustion (IC) engine and an electric propulsion system. The electric powertrain may enhance fuel efficiency, increase performance, or independently propel the vehicle on pure electric power, depending on the type of hybrid system.

This program is conducted on 30-01-2023 by Dr. K.Siva ReddyProfessorGPEC College (Autonomous)Kurnool

Industrial Visit“One-day industrial visit to Andhra Pradesh Solar Power Corporation Private Limited, Ghani”.

GHANI SOLAR PARK. KURNOOL A.P. BUSINESSES / SOLAR POWER / GHANI SOLAR PARK. Previous Next. India’s solar installed capacity reached 20 GW in February 2018. India expanded its solar-generation capacity 8 times from 2,650 MW on 26 May 2014 to over 20 GW as on 31 January 2018.

This program is conducted on 04-04-2023 by Mr. P.NarendraAssistant Professor, Dr.KVSRIT, Kurnool.

STUDENTS ACHIEVEMENTS

STUDENTS ACHIEVEMENTS OF DEPARTMENT OF EEE

Students have enrolled to various NPTEL online certification courses and best project batches are given below

SNo	Batch No./Guide	Roll No.	Name(s) of the Students	Title of the Project	Project Type
1	K.Rajesh Assistant Professor	19FH1A0216	Kamsali Santosh	Electricity Theft Detection by using IOT	Application
		19FH1A0201	Jadala Sujatha		
		19FH1A0214	Jowli Parvesh		
		20FH5A0224	Sharme Mahaboob Basha		
		20FH5A0203	Mendubeku Ayesha Ruksana		
2	K.Mahesh Assistant Professor	20FH5A0208	Bopathi Tarunkumar Reddy	Hybrid Inverter With Solar Battery Charging	Application
		19FH1A0205	Parigela Prashanthi		
		19FH1A0222	Shaik Feroz		
		20FH5A0219	Mangali Harishivaprasad		
		20FH5A0223	Shaik Mahammad Gouse		
3	M.Madhusudhan ReddyAssistant Professor	20FH5A0216	Golla Abhishek	Prepaid Energy Meter	Application
		20FH5A0209	Boya Ashok Kumar		
		20FH5A0214	Dudekula Khalandar Baba		
		20FH5A0218	Kammara Vishwanath		
		20FH5A0207	Besta Venkatesh		
		19FH1A0202	Kadiri Ramalakshmi		
4	S.Masum Basha Assistant Professor	20FH5A0213	Dasiraiahgari RaghunathReddy	Power Grid Failure Detection Based on Voltage and Frequency Varience	Application
		19FH1A0203	Soumya M		
		19FH1A0209	Beri Harsha Vardhan		
		20FH5A0204	Patil Sirisha		
		20FH5A0205	Vade Durganandini		
5	V.Nirmala Devi Assistant Professor	20FH5A0206	Banda Seetharamanjineyulu	Battery Monitoring System for EV Vehicles	Application
		19FH1A0206	Pothula Amani		
		19FH1A0215	Kadapala Lakshmanna		
		19FH1A0218	Medhehal Vijay Kumar		
		20FH5A0215	Ediga Dhanunjayudu		
		20FH5A0228	Telugu Venkatesh		
6	A.Mallikarjuna Prasad Associate Professor	20FH5A0217	Gottiganti Venkata Nagendra	Dual Axis Solar Tracking System with Charging Station	Design & Simulation
		19FH1A0212	Devarla Suresh		
		19FH1A0204	Patan Hasreen		
		20FH5A0220	Myreddy Naveenkumar		
		20FH5A0226	Talari Sai Kiran		
7	A.Rajababu Assistant Professor	20FH5A0210	Boya Manu Krishna	Auto Selection of any Available in Three Phase Supply System	Application
		19FH1A0207	Sayyad Hayath Nisha		
		19FH1A0213	Gattu Deepak		
		20FH5A0221	Sangem Chennaiah		
		20FH5A0230	Vadde Ashok Kumar		

FACULTY ACHIEVEMENTS

FACULTY ACHIEVEMENTS OF DEPARTMENT OF EEE

Faculties have enrolled to various FDP'S ,NPTEL online certification, scoupous ,Journal Publications are given below

MODELLING AND DESIGN OF MULTILEVEL CONVERTERS WITH SYMMETRICAL HALF-BRIDGE SUBMODULES AND SENSORLESS VOLTAGE BALANCE	P. NARENDRA	Positif Journal	2022	Issn No : 0048-4911	https://positifreview.com/vol-2022-issue-09/ (https://positifreview.com/vol-2022-issue-09/)
SMART GRID POWER QUALITY IMPROVEMENT USING MODIFIED UPQC	M. MADHUSUDHAN REDDY	Positif Journal	2022	Issn No : 0048-4911	https://positifreview.com/vol-2022-issue-12-2/ (https://positifreview.com/vol-2022-issue-12-2/)
Linear-Quadratic Regulator Controller with Fuzzy Based High Performance Frequency Converter Controlled Variable-Speed Wind Generator	P. INDUSREE	International journal of Food and Nutritional Sciences	2022	2319 1775	https://ijfans.org/issue?volume=Volume%2011&issue=Issue%201&year=2022 (https://ijfans.org/issue?volume=Volume%2011&issue=Issue%201&year=2022)
POWER QUALITY IMPROVEMENT USING DYNAMIC VOLTAGE RESTORER	M. BHASKAR	Journal of Nonlinear Analysis and Optimization	2022	1906-9685	https://jnao-nu.com/Vol.%2013,%20Issue.%2002,%20July-December%20:%202022.html (https://jnao-nu.com/Vol.%2013,%20Issue.%2002,%20July-December%20:%202022.html)
SMART GRID POWER QUALITY IMPROVEMENT USING MODIFIED UPQC	K. MAHESH	Positif Journal	2022	Issn No : 0048-4911	https://positifreview.com/vol-2022-issue-12-2/ (https://positifreview.com/vol-2022-issue-12-2/)
POWER QUALITY IMPROVEMENT USING DYNAMIC VOLTAGE RESTORER	P. NARENDRA	Journal of Nonlinear Analysis and Optimization	2022	1906-9685	https://jnao-nu.com/Vol.%2013,%20Issue.%2002,%20July-December%20:%202022.html (https://jnao-nu.com/Vol.%2013,%20Issue.%2002,%20July-December%20:%202022.html)
CONTROLLING THE CURRENT IN A SMALL-SCALE DC MICROGRID REQUIRES THE USE OF A MULTI-LEVEL CONVERTER	K. SIVARAMUDU	Journal of Nonlinear Analysis and Optimization	2022	1906-9685	https://jnao-nu.com/Vol.%2013,%20Issue.%2002,%20July-December%20:%202022.html (https://jnao-nu.com/Vol.%2013,%20Issue.%2002,%20July-December%20:%202022.html)
MODELLING AND DESIGN OF MULTILEVEL CONVERTERS WITH SYMMETRICAL HALF-BRIDGE SUBMODULES AND SENSORLESS VOLTAGE BALANCE	A. RAMESH	Positif Journal	2022	Issn No : 0048-4911	https://positifreview.com/vol-2022-issue-09/ (https://positifreview.com/vol-2022-issue-09/)
POWER QUALITY IMPROVEMENT IN HYBRID POWER SYSTEM USING D-STATCOM	A. RAJA BABU	MATERIAL SCIENCE AND TECHNOLOGY	Nov, 2022	ISSN: 1005-0299	https://materialsciencetech.com/mst/issue.php?id=12 (https://materialsciencetech.com/mst/issue.php?id=12)
CONTROLLING THE CURRENT IN A SMALL-SCALE DC MICROGRID REQUIRES THE USE OF A MULTI-LEVEL CONVERTER	A. RAMESH	Journal of Nonlinear Analysis and Optimization	2022	1906-9685	https://jnao-nu.com/Vol.%2013,%20Issue.%2002,%20July-December%20:%202022.html (https://jnao-nu.com/Vol.%2013,%20Issue.%2002,%20July-December%20:%202022.html)
Linear-Quadratic Regulator Controller with Fuzzy Based High Performance Frequency Converter Controlled Variable-Speed Wind Generator	V. NIRMALA DEVI	International journal of Food and Nutritional Sciences	2022	2319 1775	https://ijfans.org/issue?volume=Volume%2011&issue=Issue%201&year=2022 (https://ijfans.org/issue?volume=Volume%2011&issue=Issue%201&year=2022)

PLACEMENTS

PLACEMENTS SECURED BY STUDENTS OF DEPARTMENT OF EEE

Below are the Students that have secured well in placements in different campus recruitments

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	SOUMYA M	19FH1A0203	INVENTA JAGANATHAN V	HRD15-04-2023/01
2	PARIGELA PRASHANTHI	19FH1A0205	INVENTA JAGANATHAN V	HRD15-04-2023/02
3	POTHULA AMANI	19FH1A0206	INVENTA JAGANATHAN V	HRD15-04-2023/03
4	SAYYAD HAYATH NISHA	19FH1A0207	INVENTA JAGANATHAN V	HRD15-04-2023/04
5	AKKIM NISHANTH KUMAR	19FH1A0208	INVENTA JAGANATHAN V	HRD15-04-2023/05
6	DEVARAPALLI RAVI TEJA	19FH1A0211	INV ENTAJAGANATHAN V	HRD15-04-2023/06
7	DEVARLA SURESH	19FH1A0212	INVENTA JAGANATHAN V	HRD15-04-2023/07
8	KADAPALA LAKSHMANNA	19FH1A0215	INVENTA JAGANATHAN V	HRD15-04-2023/08
9	KAMSALI SANTOSH	19FH1A0216	INVENTA JAGANATHAN V	HRD15-04-2023/09
10	M NEERAJA	20FH5A0202	INVENTA JAGANATHAN V	HRD15-04-2023/10
11	MENDUBEKU AYESHA RUKSANA	20FH5A0203	INVENTA JAGANATHAN V	HRD15-04-2023/11
12	PATIL SIRISHA	20FH5A0204	INVENTA JAGANATHAN V	HRD15-04-2023/12
13	VADE DURGANANDINI	20FH5A0205	INVENTA JAGANATHAN V	HRD15-04-2023/13
14	BANDA SEETHARAMANJINEYULU	20FH5A0206	INVENTA JAGANATHAN V	HRD15-04-2023/14
15	BESTA VENKATESH	20FH5A0207	INVENTA JAGANATHAN V	HRD15-04-2023/15
16	BOPATHI TARUNKUMAR REDDY	20FH5A0208	INVENTA JAGANATHAN V	HRD15-04-2023/16
17	BOYA ASHOK KUMAR	20FH5A0209	Premier Systems ĀSHWIN P	HR-102/566/309-01
18	BOYA MANU KRISHNA	20FH5A0210	Premier Systems ĀSHWIN P	HR-102/566/309-01
19	BOYA SAIVENKAT NAIDU	20FH5A0211	Premier Systems ĀSHWIN P	HR-102/566/309-01
20	CHAYA VINAY KUMAR	20FH5A0212	Premier Systems ĀSHWIN P	HR-102/566/309-01
21	DASIRAIAHGARI RAGHUNATH REDDY	20FH5A0213	Premier Systems ĀSHWIN P	HR-102/566/309-01
22	DUDEKULA KHALANDAR BABA	20FH5A0214	Premier Systems ĀSHWIN P	HR-102/566/309-01
23	EDIGA DHANUNJAYUDU	20FH5A0215	Premier Systems ĀSHWIN P	HR-102/566/309-01
24	GOTTIGANTI VENKATA NAGENDRA	20FH5A0217	Premier Systems ĀSHWIN P	HR-102/566/309-01
25	MYREDDY NAVEENKUMAR	20FH5A0220	Premier Systems ĀSHWIN P	HR-102/566/309-01
26	SHARME MAHABOOB BASHA	20FH5A0224	Premier Systems ĀSHWIN P	HR-102/566/309-01
27	SURA MAHENDRA REDDY	20FH5A0225	Premier Systems ĀSHWIN P	HR-102/566/309-01
28	TALARI SAI KIRAN	20FH5A0226	Premier Systems ĀSHWIN P	HR-102/566/309-01
29	TELUGU SATHYANARAYANA	20FH5A0227	Premier Systems ĀSHWIN P	HR-102/566/309-01
30	TELUGU VENKATESH	20FH5A0228	Premier Systems ĀSHWIN P	HR-102/566/309-01
31	VADDE ASHOK KUMAR	20FH5A0230	Premier Systems ĀSHWIN P	HR-102/566/309-01