

NEWSLETTER



WORK LEARN ACHIEVE



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



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ATHE DEPARTMENT OF ELECTRICAL ENGINEERING IS COMMITTED TO IMPART TECHNICAL EDUCATION IN THE MOST EFFICIENT MANNER TO ITS STUDENTS. IT WAS ESTABLISHED IN THE YEAR 2022 (EARLIER COMBINED WITH ELECTRONICS ENGINEERING DEPARTMENT AND KNOWN AS EEE DEPARTMENT RUNNING SINCE THE INCEPTION OF . THE DEPARTMENT HAS EQUIPPED ITSELF WITH WORKSHOPS/LABS AND SYLLABUS FOR ACHIEVING ENGINEERING EDUCATION EXCELLENCE, FROM THE SUPPORT OF EXCELLENT FACULTY OF THE DEPARTMENT AND HAS ESTABLISHED ITSELF

AS WELL KNOWN ENTITY IN THE FIELD OF ELECTRICAL EDUCATION. THE SYLLABUS OF THE DEPARTMENT COMPOSED OF THE FUNDAMENTAL CONCEPTS BLENDED WITH THE ULTRA MODERN TOPIC TO IMPART QUALITY TECHNICAL EDUCATION, THE LAB/WORKSHOPS CONSISTS OF THE BASIC INSTRUMENT TO SOFTWARE/SIMULATORS FOR PROVIDING THE STUDENT AFEEL FOR INDUSTRIAL WORK ENVIRONMENT.



VISION AND MISSION

Vision

To be an institutiois 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

One-week online program in IOT & its Application in Real Times”



The Internet of Things, or IoT, is a network of physical devices. These devices can transfer data to one another without human intervention. IoT devices are not limited to computers or machinery. The Internet of Things can include anything with a sensor that is assigned a unique identifier (UID). The primary goal of the IoT is to create self-reporting devices that can communicate with each other (and users) in real time.

This program is conducted on 21-12-2020 by K. Purnima
Team lead, Nokia,Bangalore.

A Two Day Project Expo on “Technovation-2K20”



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.

STUDENTS ACHIEVEMENTS

STUDENTS ACHIEVEMENTS OF DEPARTMENT OF EEE

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

S No	Batch No./Guide	Roll No.	Name(s) of the Students	Title of the Project	ProjectType
1	Dr S Vijaya Kumar Professor	17FH1A0206	M Raghavendra	A Four Switch Three Phase Sepic Based Inverter	Design & Simulation
		17FH1A0207	M Surya Prakash		
		17FH1A0210	S Giri Babu		
		18FH5A0202	J Sai Jyothi		
2	S Thirumalaiah Assistant Professor	18FH5A0208	V. Vamsi Krishna	An Improved Hybrid Dstatcom Topology To Compensate Reactive And Non Linear Loads	Design & Simulation
		18FH5A0203	B Nagamani		
		18FH5A0204	K Veeresh		
		18FH5A0206	K Kullayappa		
		15FH1A0219	P Manish Kumar		
3	S Masum Basha Assistant Professor	17FH1A0202	D Jagadeesh	Single And Two Stage Inverter Based Grid Connected Photovoltaic Power Plants With Ride Through Capability Under Grid Faults	Design & Simulation
		17FH1A0208	M Srijaneyudu		
		18FH5A0201	V Bharathi		
		18FH5A0207	K Raghu		
4	M Madasudhan Reddy Assistant Professor	17FH1A0209	N Vikas	A Single Phase Active Device For Power Quality Improvement Of Electrified Transportation	Design & Simulation
		17FH1A0201	R Sowjanya		
		17FH1A0203	G Ramesh		
		17FH1A0204	K Shabbir		
		18FH5A0205	P Mohammed Rafi		

FACULTY ACHIEVEMENTS

➤➤➤ FACULTY ACHIEVEMENTS OF DEPARTMENT OF EEE

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

S.No	Title of the Paper	Name of the Author	Name of the Journal	Year of Published	ISSN Number	Link to the recognition in UGC enlishment of the journal
1	CONSTANT CURRENT FUZZY LOGIC CONTROLLER FOR GRID CONNECTED ELECTRIC VEHICLE CHARGING	S. VIJAYA KUMAR	Journal of Nonlinear Analysis and Optimization	2020	1906-9685	https://jnao-nu.com/Vol.%2011,%20Issue.%2001,%20January-June%20%202020.html (https://jnao-nu.com/Vol.%2011,%20Issue.%2001,%20January-June%20%202020.html)
2	Electric Vehicle Application Based Fuzzy with Vector Control Controlled High Speed SRM	TIRUPATI REDDY GADDAM	Turkish Journal of Computer and Mathematics Education	2020	doi.org/10.61841/turcomat.v11i2.14441 (https://doi.org/10.61841/turcomat.v11i2.14441)	https://turcomat.org/index.php/turkbilmat/article/view/14441.html (https://turcomat.org/index.php/turkbilmat/article/view/14441.html)
3	Closed Loop Control of Bidirectional Buck-Boost Converter in A Smart Grid Using Photovoltaic and Energy Storage Systems	S. THIRUMALAI AH	Turkish Journal of Computer and Mathematics Education	2020	https://doi.org/10.61841/turcomat.v11i1.14442 (https://doi.org/10.61841/turcomat.v11i1.14442)	https://turcomat.org/index.php/turkbilmat/article/view/14442 (https://turcomat.org/index.php/turkbilmat/article/view/14442)
4	JPFC Based Multilevel Cascade Converter for Power Quality Improvement in Dc System	M. MADHUSUDHAN REDDY	Turkish Journal of Computer and Mathematics Education	2020	https://doi.org/10.61841/turcomat.v11i3.14440 (https://doi.org/10.61841/turcomat.v11i3.14440)	https://turcomat.org/index.php/turkbilmat/article/view/14440 (https://turcomat.org/index.php/turkbilmat/article/view/14440)
5	Speed Control of Dc Motor Using Isolated Dc-Dc Converter	K. MAHESH	International Journal of Food and Nutritional Sciences	2021	2320 1775	https://ijfans.org/issue?volume=Volume%2010&issue=Issue%201&year=2021 (https://ijfans.org/issue?volume=Volume%2010&issue=Issue%201&year=2021)
6	Closed Loop Control of Bidirectional Buck-Boost Converter in A Smart Grid Using Photovoltaic and Energy Storage Systems	S. VIJAYA KUMAR	Turkish Journal of Computer and Mathematics Education	2020	https://doi.org/10.61841/turcomat.v11i1.14442 (https://doi.org/10.61841/turcomat.v11i1.14442)	https://turcomat.org/index.php/turkbilmat/article/view/14442 (https://turcomat.org/index.php/turkbilmat/article/view/14442)
7	Electric Vehicle Application Based Fuzzy with Vector Control Controlled High Speed SRM	S. MASUM BASHA	Turkish Journal of Computer and Mathematics Education	2020	doi.org/10.61841/turcomat.v11i2.14441 (https://doi.org/10.61841/turcomat.v11i2.14441)	https://turcomat.org/index.php/turkbilmat/article/view/14441 (https://turcomat.org/index.php/turkbilmat/article/view/14441)