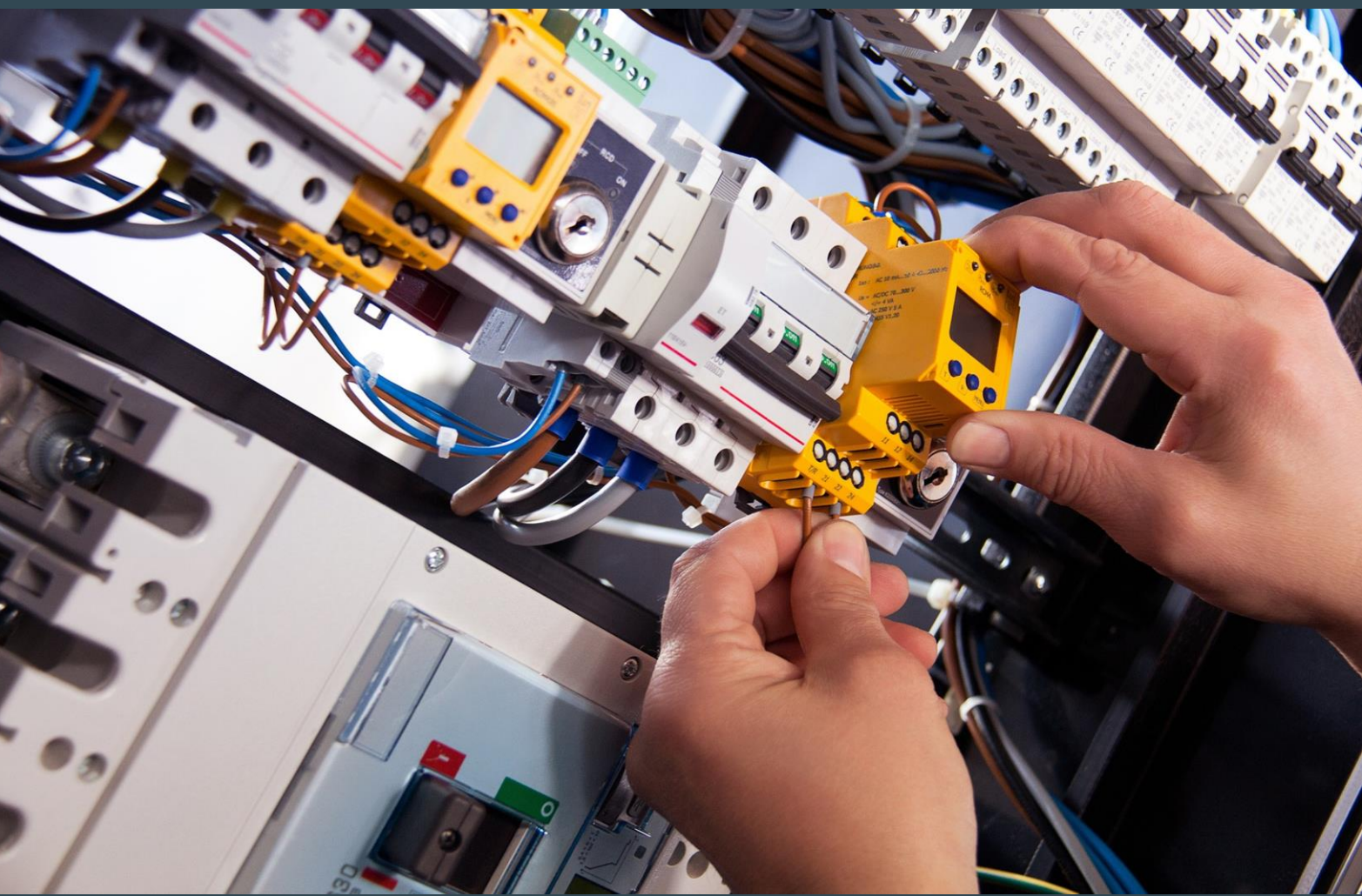


CIRCUITRY

N E W S L E T T E R

ELECTRICAL & ELECTRONICS ENGINEERING



JANUARY - FEBRUARY 2023

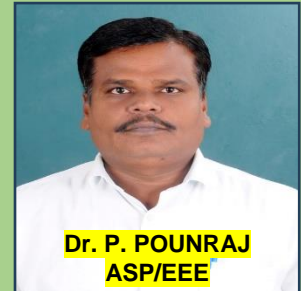
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**VOLUME
NO. 1**

CREATIVE DESK

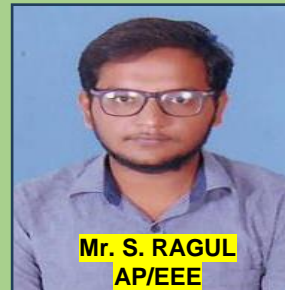
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Editor-in-Chief




Board of Editors



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Table of Contents



	1	About the Department
Department Vision & Mission	2	
	3	Workshop on “Household Amenities and Appliances”
Value Added Course on “NI Multisim”	5	
	6	Movie Time
Industrial Guest Lecture	8	

CIRCUITRY CHRONICLES

NEWSLETTER

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

About the Department

The Department of Electrical and Electronics was established in the year 2008 with the aim of combining modern teaching methods with inter-disciplinary knowledge, human values and professional ethics. The department offers a unique blend of theory and practice. It provides a quality learning environment, in terms of state-of-the-art facilities, sharing and widening of knowledge through MoU with relevant industries and interacting with experts from academia and industry. The department is well equipped with state-of-the-art laboratories such as the Electrical Machines Lab, Electric Circuits Lab, Control Systems Lab, Measurement and Instrumentation Lab, Engineering Practices Lab, Power Electronics Lab, Power System Simulation Lab and Electric Drives and Control Lab. To improve practical and simulation skills, MATLAB Software with all tool boxes has been provided. Power World Simulator, MI Power, PSpice and MultiSim software programmes have been provided to improve the designing ability of the students.

VOLUME NO. 1
JANUARY - FEBRUARY 2023

CIRCUITRY CHRONICLES

NEWSLETTER

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VISION

- To create a thriving community where enduring student relationships flourish, fostering a culture of innovative idea development, socially responsible, and ethically driven engineers in the electrical industry.

MISSION

- To nurture students, enabling them to effectively confront professional challenges and emerge as outstanding engineers and technocrats.
- To provide a holistic and comprehensive education that ensures total quality, encompassing broad exposure and value additions.
- To engage in research within the realm of Electrical and Electronics Engineering, addressing the needs of the industry, scientific community, and society at large.

VOLUME NO. 1

JANUARY - FEBRUARY 2023

Programme Name: Workshop on “Household Amenities and Appliances”

Date: 10-01-2023

Coordinator: Mr. M. Vasanthprakash, AP/EEE

Class: 1st Year B.E students

Description:

A one-day workshop on "Household Amenities and Appliances" was organised by the Department of Electrical and Electronics Engineering on January 10, 2023. Our EEE department's internal faculty member, Mr. M. Vasanthprakash, AP/EEE handled the full-day session. The forenoon session of the workshop started with the basics of fundamental electrical parameters and components, some basic working operations of an energy meter, fans, fluorescent lamps, types of wires and wiring connections, how to use a multimeter, and finally precautions about electrical safety. During the afternoon session, different experiments were performed as hands-on training with simple electrical wiring connections for fans, lamps, UPS, and staircase lamp wiring connections for our first-year students. Students learned how to connect electrical wiring connections for homes, protect household appliances from electrical faults, and become aware of electrical safety precautions during this one-day workshop.

Event Photos:





Programme Name: Value-Added Course on “NI Multisim”

Date: 19-01-2023 to 21-01-2023

Course Instructor: 1. Mr. P. Pandi, AP/EEE, 2. Mr. S. Ragul, AP/EEE, 3. Ms. P. Thenmozhi, AP/EEE

Class & No. of Participants: II Year & 29 students

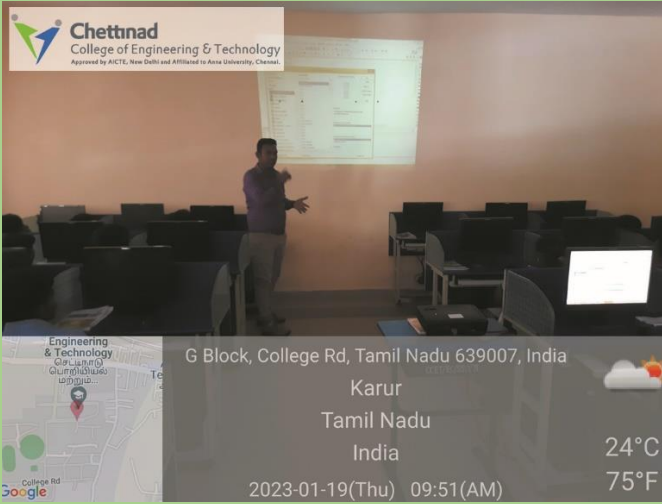
Venue: A Block Electronics Lab

Description:

The Department of Electrical and Electronics Engineering organised a value-added course on "NI Multisim" for 2nd-year EEE students from January 19 to 21, 2023. In-house EEE faculty members Mr. P. Pandi, AP/EEE, Ms. P. Thenmozhi, AP/EEE, and Mr. S. Ragul, AP/EEE, led sessions on PCB design and implementations of electronic circuits using Multisim. Using NI Multisim Simulation and NI Ultiboard Software, the students received hands-on instruction in designing printed circuit boards for dual power supply voltage regulators (5 volts and 12 volts), bridge rectifiers, and continuity testers. A total of 29 students took this course. Leading the value-added course, Mr. N. Vijayasarithi, Head of the Department of Electrical and Electronics Engineering, thanked all those who supported the successful conduct of the program. Mr. B. Satish Kumar, Administrative Officer, made all the necessary arrangements.

Event Photos:





Programme Name: Movie Time - “Pele: Birth of a legend”

Date: 22-02-2023

Venue: G Block Seminar Hall

Description:

On 22-02-2023, the Department of Electrical and Electronics Engineering organized a screening of the film “Pele: Birth of a legend”, for all EEE students. Our college is doing its part to provide our future generations with good, feel-good learning through movies. Movies have become everyone's favourite hobby; we made this arrangement to encourage our students to play their part in making and bringing smiles. “Pele: Birth of a legend” is a 2014 American biographical film about the early life of Brazilian footballer Pele and his journey with Brazil to win the 1958 FIFA World Cup. All the students internalized the good messages presented in the movie. This film manages to keep the students self-confident, hard work, and goal-setting. Finally, Ms. S. Induma, Final-year EEE shared the movie reflection. She shared that “Pele: Birth of a legend” because it is an inspiring story about a soccer legend. It is about the birth of Brazil’s legend Pele. His life was full of soccer and he became one of the best soccer players ever. Mr. V. Ponshankar, IV year EEE said, honestly, this movie inspires me to play soccer. All the actors did well in this movie, I love the hype and the way they show his development in Soccer and Ginga style. This movie was my favourite out of all the movies I have seen.

Event Photos:



Programme Name: Industrial Guest Lecture on “Technologies used in power distribution”

Date: 23-02-2023

Class & No. of Participants: II year to IV year & 74

Venue: C Block Seminar Hall

Chief Guest & Speaker: Mr. R. Chitraj, Deputy General Manager (DGM), Chettinad Cement Corporation Pvt. Ltd., Karikkali Plant, Dindigul

Description:

On 23-02-2023, The Department of Electrical and Electronics Engineering organised an industrial guest lecture on “**Technologies used in power distribution**” for all ChettinadTech B.E-EEE students. Mr.V.Ponshankar, IV year EEE, welcomed all the participants. Ms. R.Kowsalya, 3rd year EEE introduced the chief guest to our participants. Mr.B.Satheeshkumar, Admin officer honoured the chief guest with a memento. In this industrial guest lecture, the chief guest, Mr. R. Chitraj, Deputy General Manager of Chettinad Cements, provided a clear explanation of the fundamental operation of power distribution and its subunits as well as the functioning of the power plant in Chettinad Karikkali. He also covered the fundamentals of transformer, control panel, circuit breaker, starter, and other devices. At the end of the lecture, certificates were given to the contest winners by Principal Dr.Mrs.A.Punitha. Ms. T.Priyadharshini, 3rd year EEE, concluded the programme with a vote of thanks.

Event Photos:







INSTITUTION INNOVATION COUNCIL

Chettinad Group

The Chettinad Group has over 90 years of experience facilitating a wide range of educational and service institutions successfully in Tamil Nadu. The group is currently responsible for 22 private and government-aided schools, Polytechnic Medical, Dentistry, Pharmaceutical, Engineering, Law and Architecture colleges.



LIFE AT ChettinadTech





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