

CIRCUITRY CHRONICLES

VOLUME NO. 3

ELECTRICAL & ELECTRONICS ENGINEERING
NEWSLETTER
MAY - JUNE 2023

CONTACT US

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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.

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.

Programme Name: Association Valedictory & Guest Lecture

Guest Speaker: Er. G. Gopi, Assistant Engineer, TANGEDCO Puliur

Date: 15-05-2023

Venue: G Block Seminar Hall

Description:

On May 15, 2023, the Department of Electrical and Electronics Engineering organised a valedictory function and guest lecture on "Advancing Infrastructure for Energy Transition" under the EEE association. The Chief Guest at the event was Er. G. Gopi, Assistant Engineer from TANGEDCO Puliur. Mr. N. Vijayasarithi, HoD/EEE, welcomed the Chief Guest and the participants, and Mr. P. Pandi, Sr. AP/EEE, read the annual report of the last academic year. The Chief Guest, Er. G. Gopi, Assistant Engineer, TANGEDCO Puliur, distributed prizes and certificates to the winners.

The guest speaker, an expert in the field of energy infrastructure, provided valuable insights on the topic and provided a comprehensive overview of the challenges and opportunities associated with advancing infrastructure for an energy transition. He highlighted the need for a coordinated and multi-dimensional approach involving technology innovation, policy support, and financial investments. By focusing on grid modernization, transmission and distribution, electrification, energy storage, and decentralised energy systems, societies can create a more sustainable and resilient energy future. This guest lecture inspired the participants to recognise the importance of advancing infrastructure for an energy transition.

Event Photos:





Programme Name: EEE Batch 12 Farewell Day

Date: 15-05-2023

Organizers: Department Faculty Members & Third year Students

Venue: G Block Seminar Hall

Description:

On May 15, 2023, the Department of Electrical and Electronics Engineering organised a farewell day for our final-year students. It was a mix of emotions as we celebrated their achievements and bid them goodbye for their next journey. The day started with a warm welcome from junior students and faculty members. Mr. P. Pandi, Sr. AP/EEE, delivered a heartfelt speech, reflecting on the students' journey and expressing gratitude for their contributions to our college community. The cultural show put on by the students showcased their skills in music, dance, and drama, charming the audience with their performances. It was a vibrant display of talent and creativity that left a lasting impression on everyone present.

Messages and mementos were exchanged, symbolising the lasting bonds and unforgettable memories shared during their time in college. The farewell day served as a platform to strengthen the bond between the outgoing students and the college community. This farewell day strengthened the bond between our outgoing students and the college community, and we wish them the very best in their upcoming endeavours!

Events Photos:





Value Added Course: NI Multisim – Design of Power Supply

Course Coordinators: Mr. P. Pandi, Sr. AP/EEE & Mr. M. Vasanthprakash, AP/EEE

Class: 1st Year EEE (Batch 15)

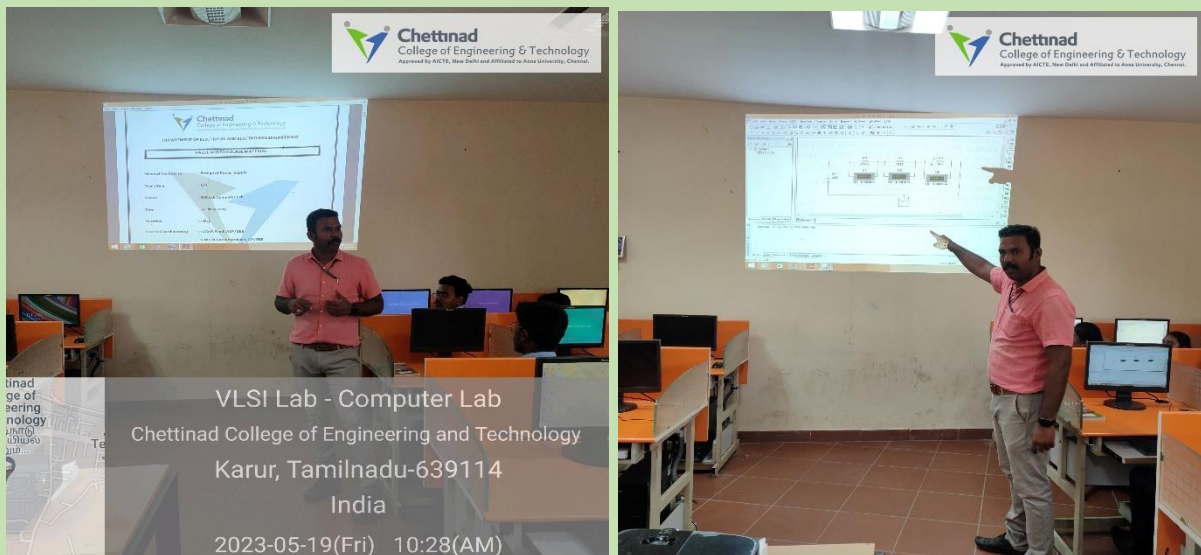
Date: 19-05-2023

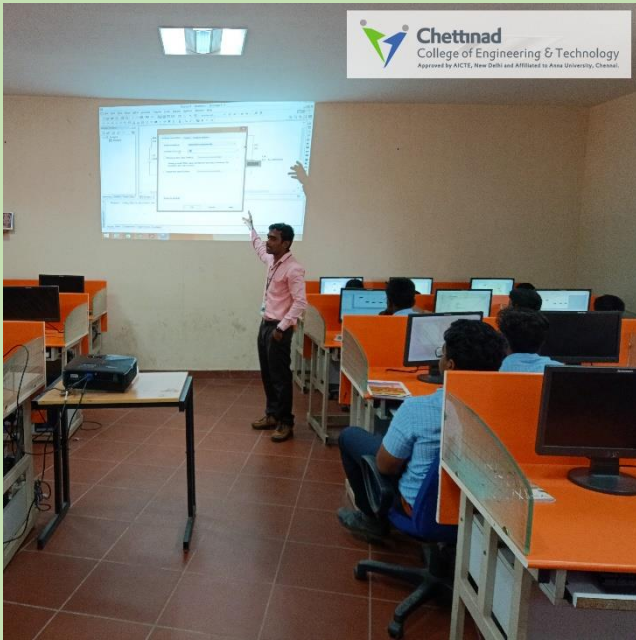
Venue: ECE VLSI Computer Lab

Description:

On 19th May 2023, the Department of Electrical and Electronics Engineering conducted a value-added course for 1st year EEE students entitled on “NI Multisim – Design of power Supply”. The objective of the value-added course is to develop participants skills in designing and simulating electronic circuits using Multisim and to provide practical knowledge understanding of various electronic components and their behavior in circuits. This value-added course was delivered through a combination of lectures, demonstrations and hands-on exercises. Participants had trained in the NI Multisim software and were encouraged to apply their learning to real-world circuit design challenges like DC power supply, amplifiers, filters, and oscillators. The NI Multisim value-added course achieved several key outcomes, including the ability to design, analyze, and optimize various electronic circuits using Multisim and increased participants confidence in applying circuit design principles to real-world applications. The overall session was handled by Mr. P. Pandi, Sr. AP/EEE and Mr. M. Vasanthprakash, AP/EEE. 32 participants actively participated and trained well in this value-added course.

Event Photos:









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LIFE AT ChettinadTech





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