CIRCUITRY CHRONICLES

NEWSLETTER

ELECTRICAL & ELECTRONICS ENGINEEIRNG

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CREATIVE DESK

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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.

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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: Value-Added Course on "C Programming"

Date: 22-01-2024 to 24-01-2024 (3 days)

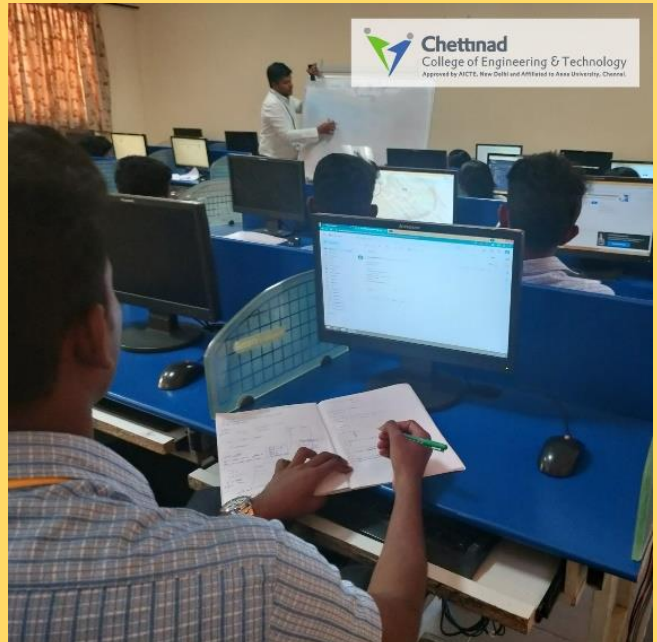**Course Instructor:** 1. Dr. T. Gobinath, ASP/CSE, 2. Ms. D. Santhiya, AP/CSE

Class & No. of Participants: III Year & 26 students

Venue: G Block EEE Computer Lab

Description:

      The Department of Electrical and Electronics Engineering organised a three-day value-added course on "C Programming" from January 22nd to January 24th, 2024. The aim was to enhance students' C programming skills and develop their problem-solving logic. This course equipped students with advanced techniques and best practices to tackle complex programming challenges, thereby enhancing their employability. Dr. T. Gobinath, ASP/CSE, and Ms. D. Santhiya, AP/CSE, conducted the sessions. 26 third-year EEE students participated on all days. On Day 1 of the session, the course instructor gave hands-on training on "fundamentals in C: Operators and Expressions, Control Statements, and Storage Management." Day two focused on arrays, strings, functions, and function prototypes. The Final Day addressed structures, file handling, and assessment. Feedback from Mr. S. Lakshan, III-EEE, highlighted the course's effectiveness in delivering comprehensible lectures, assignments, and tests, ultimately benefiting all participants.

Event Photos:

Programme Name: Orientation Programme for the Next Level Semester of Third & Final Year

Date: 01-02-2024

Venue: G Block Seminar Hall

Resource Person: Mr. N. Vijayasarathi, HOD/EEE

Description:

As part of the orientation, the Department of Electrical and Electronics Engineering organized a 'Holistic Education' for the next level semester of Third and Final Year EEE Students on 01-02-2024. Mr. N. Vijayasarathi, HOD/EEE welcomed all the students and faculty members of EEE department. The speaker delivered information to the students regarding the college's mission & vision, disciplinary rules and regulations to be followed in the college, the subjects and faculty for the academic year 2023–2024(even semester), Department plans, and Placement training programmes for our students in their third and final year. Apart from this, he also shared his domain knowledge on goal setting and how to set short-term and long-term goals and achieve them, future opportunities for electrical engineers, guidelines for higher studies. The entire session was interactive & very useful for the students.

Event Photos:

Programme Name: Value-Added Course on "Arduino Uno"

Date: 26-02-2024 – 27-02-2024 (2 days)

Course Instructor: 1. Mr. P.Pandi, Sr. AP/EEE, 2. Mr. M.Vasanthprakash, AP/EEE, 3. Mr. S.Ragul, AP/EEE

Class & No. of Participants: II Year & 40 students

Venue: G Block EEE Computer Lab

Description:

The Department of Electrical and Electronics Engineering organised a two-day value-added course on " Arduino Uno " from February 26th to February 27th, 2024. This course aims to understand the Arduino microcontroller with hands-on experimentation to create simple visual models embedded with codes and to provide students with practical, hands-on experience in working with Arduino boards, sensors, actuators, and basic electronic components. Mr. P. Pandi, Sr. AP/EEE, Mr. M. Vasanthprakash, AP/EEE and Mr. S. Ragul, AP/EEE conducted the sessions. 40 second-year EEE students participated on all days. On Day 1 of the session, the course instructor gave hands-on training on "Overview of Arduino, Arduino Components and IDE, Arduino with Tricolor LED and Push button, Display Counter using Arduino". Day two focused on "Interface DC and Servo Motor with Arduino, Interfacing LCD with Arduino, Motor Speed Control using Arduino". Feedback from Ms. P. Nageshwari, II-EEE, shared the course effectiveness in delivering comprehensible lectures and using a visual Arduino simulator, ultimately benefiting my interdisciplinary skills.

Event Photos:

Programme Name: Hands-on Training on "MATLAB R2016a"

Date: 28-02-2024 to 29-02-2024 (2 days)

Course Instructor: 1. Dr. M.Senthil Kumar, Prof./EEE, 2. Mr. M.Vasanthprakash, AP/EEE,
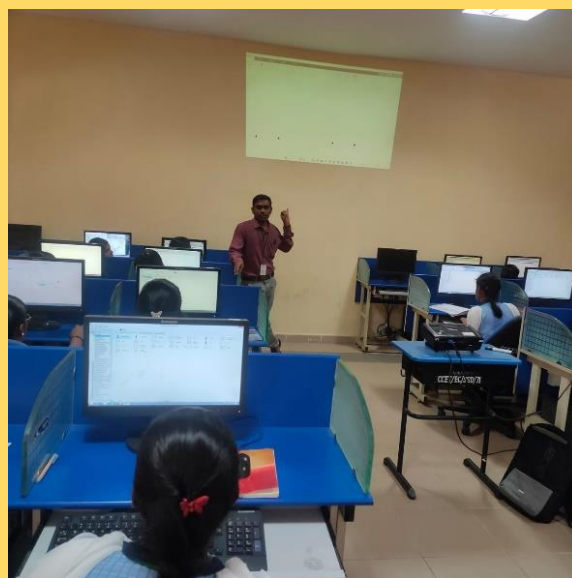
        3. Mr. S.Ragul, AP/EEE

Class & No. of Participants: I Year & 34 students

Venue: G Block EEE Computer Lab

Description:

       The Department of Electrical and Electronics Engineering organized a two-day Hands on Training on "MATLAB R2016a" in G Block EEE computer lab from February 28th to February 29th, 2024. This course aims to impart the knowledge to the students with MATLAB software technical computing environment The Hands on Training was coordinated by. Dr. M. Senthil Kumar, Prof./EEE, Mr. M. Vasanthprakash, AP/EEE and Mr. S. Ragul, AP/EEE conducted the sessions. 34 first-year EEE students participated on all days. On Day 1 of the session, the course instructor gave hands-on training on "Overview of MATLAB, Simulink firing circuits, V-I Characteristics". Day two focused on "Pulse generator, Simulation of Converter circuits". At the end of the course students learned about MATLAB and understand how to solve lengthy mathematical problems in an easy way. During the session, they were given some assignment tasks to do more practice.

Event Photos:

RATING

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