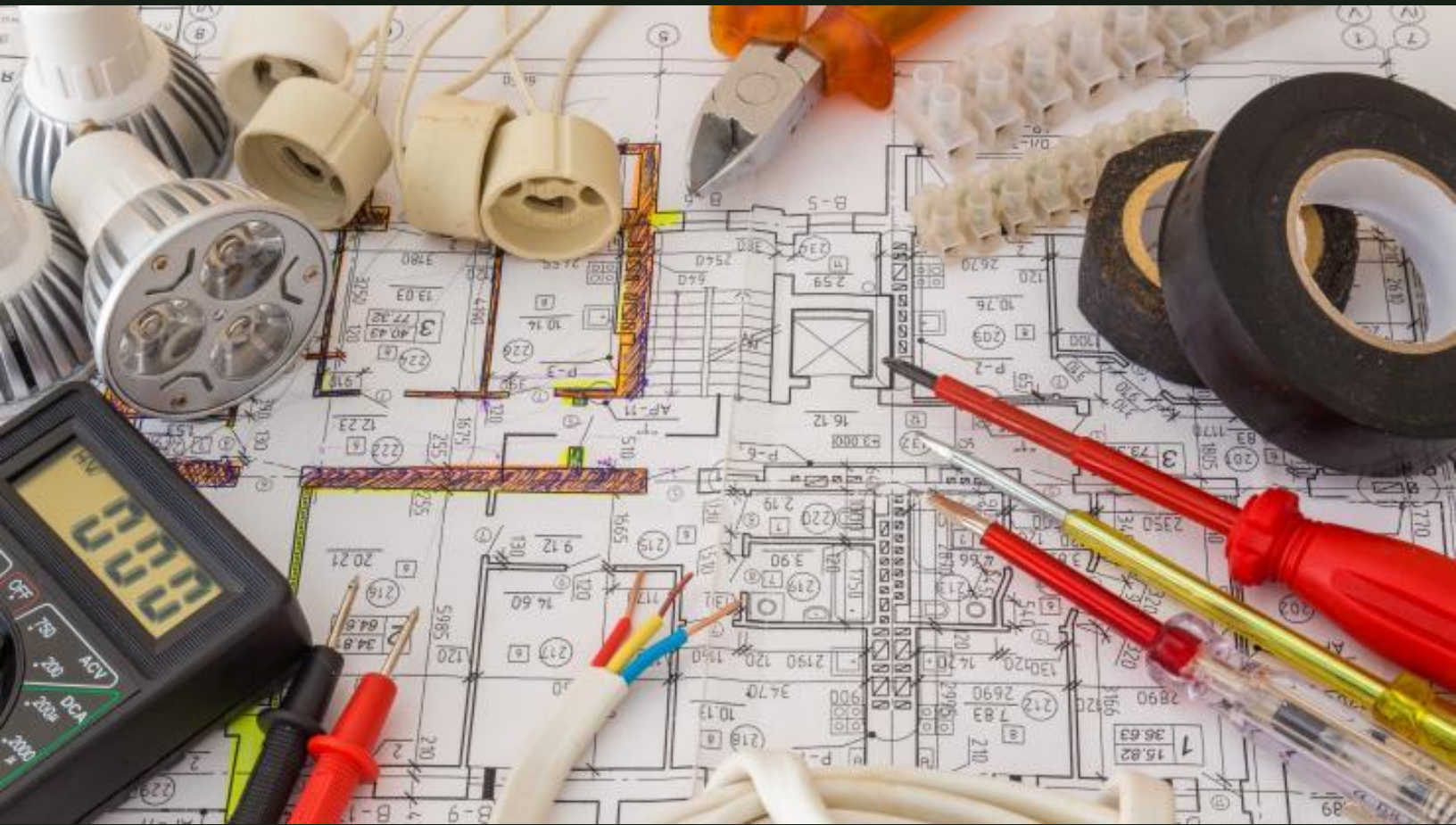


CIRCUITRY CHRONICLES

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



Volume No. 5

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Newsletter

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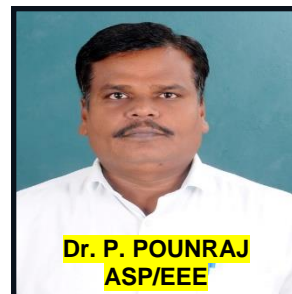
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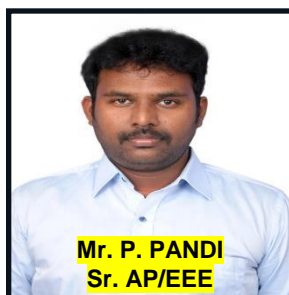
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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.

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: EEE - Association Inauguration

Date: 08-09-2023

Venue: G Block Seminar Hall

Chief Guest: Mr. S. Srinath, Director, Schaeffer Energy, Karur.

Description:

The Department of Electrical and Electronics Engineering organised the "Inaugural Function of the Association of EEE" on September 8, 2023. The inauguration started with Tamil Thai Vazhthu, followed by lighting the kuthuvilaku. Ms. T. Priyadharshini, final-year EEE, welcomed the gathering. Mr. N. Vijayasarithi, the Head of the Department for Electrical and Electronics Engineering (EEE) at Chettinad College of Engineering and Technology in Karur, delivered the Presidential Address and honoured the chief guest, Mr. S. Srinath, Director, Schaeffer Energy in Karur.

Ms. S. Pavithra, Final-Year EEE, introduced the chief guest, and Mr. P. Pandi, AP/EEE, introduced the office bearers of the Association. During the event, the Chief Guest provided valuable insights into the Solar Energy Revolution and elaborated on the export process of heavy-rating electrical equipment to foreign markets. He also highlighted the key qualities and skills that companies seek in fresh graduates.

Approximately 52 students attended this session, benefiting from the knowledge shared. A vote of thanks was given by Mr. B. Surya, a final-year EEE student, and the function concluded with the rendition of the National Anthem.

Event Photos:



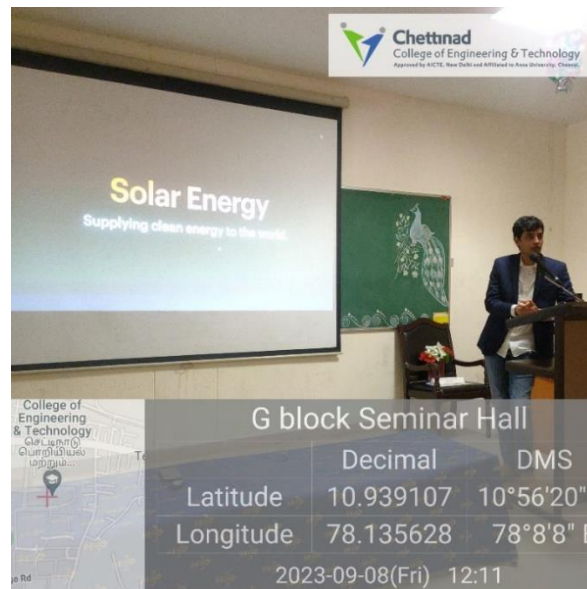


College of Engineering & Technology
செட்டினாட் கல்விக்கழகம்
மற்றும்...

G block Seminar Hall

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2023-09-08(Fri) 11:48



College of Engineering & Technology
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மற்றும்...

G block Seminar Hall

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Programme Name: Movie Time - “Gravity”

Date: 12-09-2023

Class & No. of Participants: III & IV Year, 52 Students

Venue: ‘G block seminar hall’

Description:

Our college is dedicated to enhancing the learning journey of our students by offering enriching cinematic experiences. On September 12, 2023, the Department of Electrical and Electronics Engineering held a screening of the film "The Gravity" for third-year and final-year EEE students. "The Gravity" is a 2013 space shuttle mission film renowned for winning seven Oscars in 2014. The film's story revolves around two astronauts collaborating to survive after a mishap leaves one of them stranded in space. Our students thought that every scene in this movie seemed like it took place in space for real. Following the screening, Ms. B. Menaga, a final-year EEE student, led a discussion on the movie's theme. She emphasised that the film offers diverse perspectives with a central message about the consequences of one's desires, highlighting the idea of "be careful what you wish for" or "you get what you want." Mr. L. Lakshmikanth, a third-year EEE student, expressed his enthusiasm, describing it as one of the most memorable cinematic experiences of his life, and he also noted the challenges of life in space. In total, 52 students thoroughly enjoyed the movie.

Event Photos:



Programme Name: Engineers Day'23 Contest on “Electrical Circuit Simulation Challenge”

Date: 15-09-2023

No. of Participants: 28 Students

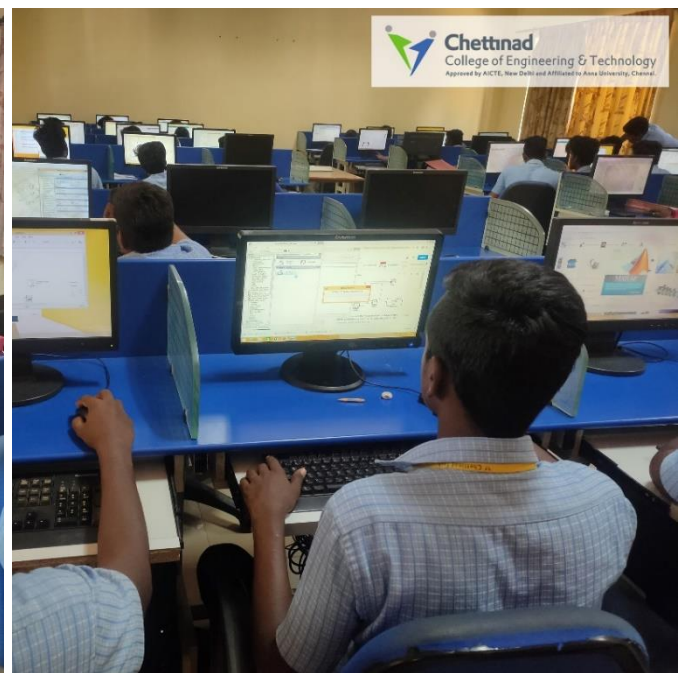
Venue: ‘G block Computer Lab’

Description:

National Engineers' Day is observed on September 15th every year to celebrate the birth anniversary of eminent Engineer Sir Mokshagundam Visvesvaraya also known as the father of engineer and recognise the contributions made by him in the field of science and technology. On 15th September 2023, the Department of Electrical and Electronics Engineering conducted the inter level contest on “Electrical Circuit Simulation Challenge” for our EEE students. The main objective of the contest is to enhance student’s circuit design and simulation skills using software tools. Software like LTspice, MATLAB Simulink, KiCAD and TINA-TI recommended to this contest.

For this contest, students used any one of the above software to create the electrical circuit by adding components and connecting them according to their schematic diagram. Depending on the circuit design and goals, DC analysis, AC analysis and output noise analysis of each student designed circuit were evaluated for best selection. Totally 28 students participated in this Electrical Circuit Simulation Challenge contest. Mr. P. Senthilmurugan, final-year EEE won the first position and Mr. T. Harikrishnan, final-year EEE won the second position. Mr. M. Vasanthprakash, AP/EEE coordinated this contest.

Event Photos:



Programme Name: BRAHMASTRA'23 (National Level Technical Symposium)

Date: 22-09-2023

No. of Participants: 96 Students

Venue: 'G block seminar hall'

Description:

The state level technical symposium 'Brahmastra 2k23' hosted by the Department of Electrical and Electronics Engineering, Karur was held on Friday, the 22nd of September 2023. The department faculty and students put their best efforts forward in every facet of the event, from planning to implementation. The registration for the symposium was opened from 15th September 2023 to 21st September 2023 in the duration of which an overwhelming response had been observed from participants belonging to various colleges from all over the state. The event started with the formal Inaugural function at 9.30 am in C block seminar hall. All technical and non-technical events conducted in G block of EEE department in various rooms. Students from various colleges like Kongunadu College of Engineering and Technology, IFET College of Engineering, Velalar College of Engineering and Technology, Erode Sengunthar Engineering College, Kings College of Engineering, JJ College of Engineering, SSM College of Engineering, M. Kumarasamy College of Engineering, SRM TRP Engineering College participated in our national level technical symposium.

This symposium witnessed the enthusiastic participation of over 75 students in over 4 events that tested their wits and abilities. The following are the events that were organized as part of the symposium: **Current Xplore** – 26 papers were presented by 52 students participating and this event first position was won by Mr. S. Sarathkumar & Mr. Gokul N (Kongunadu College of Engineering and Technology) with a cash prize of Rs.1000 for "Plant Based Organic Eco-Friendly Batteries" and the second position was won by Mr. S. Jeevanandham & Mr. S. Sathishkumar (Sakthi Polytechnic College) with a cash prize of Rs. 500 for "Hybrid Electric Vehicle". **ElectricTech Expo** – 11 projects were submitted by 18 students, the first position was won by Mr. M. Sivasakthivel (Erode Sengunthar Engineering College) for "Climate Adjustment Suite", and the second position was won by Mr. M. Veeraselvam & Ms. A. Shreeja (SRM TRB Engineering College) for "Digital Twin".

Minute to Win It – won by Mr. Maheen & Mr. M. Ashwin Sarath (Sakthi Polytechnic College), and the second position won by Mr. G. Saran & Mr. B. Pragathesh (Kongunadu Polytechnic College). **Buzzy** – the first position won by Ms. K. Sona (Kongunadu College of Engineering). During the valedictory function our chief guest Dr. R. Vijay. Saranathan College of Engineering, Trichy distributed the cash prizes and certificates to winners. Mr. P. Pandi, coordinator presented a report on the entire happenings of the day and Ms. B. Menaga, Final-year EEE, gave the vote of thanks.

Event Photos:







Programme Name: Batch 16 Orientation Programme

Date: 25-09-2023

No. of Participants: 38

Venue: G Block Seminar Hall

Resource Person: Mr. N. Vijayasarithi, HoD/EEE

Description:

As part of the orientation, the Department of Electrical and Electronics Engineering organized a '**Holistic Education**' for newcomers of Batch-16 EEE Students on 25th September 2023, aimed to provide new batch students with a comprehensive introduction to our department, its functions, policies, and procedures. The Electrical Department Orientation Programme is a vital component of our onboarding process. It serves the purpose of explaining to new team members the department's structure, operations, safety protocols, and culture. Mr. N. Vijayasarithi, HoD/EEE welcomed all the students and faculty and delivered the keynote address. The speaker delivered information to the students regarding the college's vision and mission, Disciplinary rules and regulations to be followed in the college, the subjects of the first semester and the profile of faculty members for the academic year 2022–2023, Department plans, information about extra-curricular & Co-curricular activity and Placement training programmes for beginners. 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, and guidelines for higher studies. The entire session was interactive & very useful for the students.

Event Photos:



G Block Computer Lab

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2023-09-25(Mon) 11:10

Programme Name: Fresher's Day (Batch – 16)

Date: 25-09-2023

Venue: 'G Block Seminar Hall'

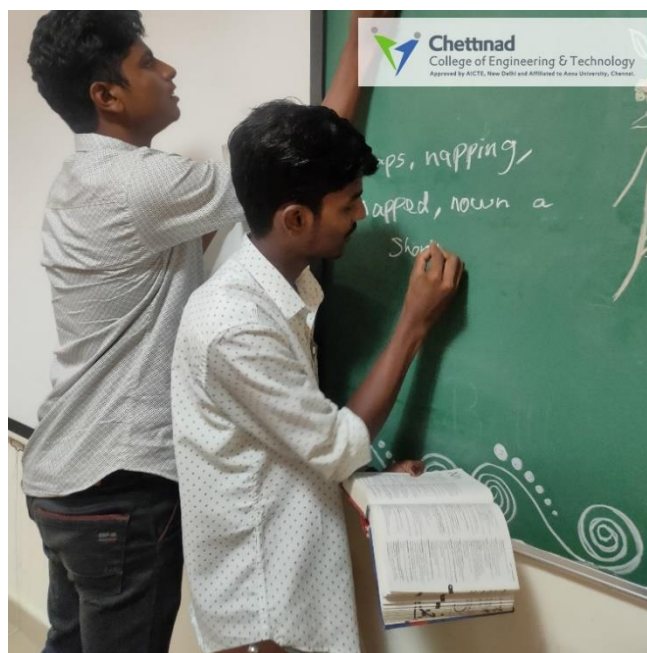
Coordinators: Mr. P. Pandi, SAP/EEE & Dr. M. Senthilkumar, ASP/EEE

Description:

On September 25th, 2023, the Department of Electrical and Electronics Engineering hosted a Fresher's Party to welcome the incoming Batch 16 students. The Fresher's Day festivities were executed with great enthusiasm by our final year EEE students, guided by Mr. P. Pandi, SAP/EEE, Mr. M. Vasanthprakash, AP/EEE, and Dr. M. Senthilkumar, ASP/EEE. Final-year students Mr. P. Vasanthadurai, Mr. P. Mohanraj, and Mr. V. Lakshmanan extended a warm greeting to the Batch 16 students and the department's faculty members. It served as the perfect occasion for seniors and juniors to come together and celebrate being a part of the college. Freshers, along with their seniors, had the opportunity to showcase their talents through dancing, singing, and drama performances. Later, a series of small games were organised to add an element of challenge and fun to the event. The festivities concluded with a vote of thanks delivered by Ms. B. Menaga, a final-year EEE student. Refreshments were served to all attendees after the programme concluded. Fresher's Day was a day brimming with excitement, joy, music, enthusiasm, laughter, and happiness.

Event Photos:







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