

IEEE PES SBC CETkr Activities 2023

1. College Substation Visit

IEEE PES and IAS SBC CETkr conducted a visit to college substation on April 10th, 2023. The primary objective of visit encompassed providing first year students with hands-on understanding of substation operations. This initiative, hosted by Mr. Ail K, Lab instructor of EEE Department helped students to witness live demonstrations of equipment functionality. 63 students actively participated in the event.





COLLEGE SUBSTATION VISIT

Handled by



Mr. Anil K
Lab Instructor, EEE

10th April 2023
 1:30PM
 CETkr Substation

For queries:
Chandroharan: +91 81380 26654
Anaswara: +91 8282 211424

@ieeesbcetkr



Thank you

We express our sincere gratitude to MR.Anil K
for the informative session

Handled by

COLLEGE SUBSTATION VISIT



Mr. Anil K
Lab Instructor, EEE

@ieeesbcetkr

2. Poster Designing Competition

As a part of PES Day 2023, IEEE PES SBC CETkr organized a digital poster making competition themed around “Climate Safer Future”. The objective was to encourage innovative expressions addressing climate change through digital poster design. Entries were collected through Google forms by 7th May 2023. Adarsh Prakasan of S8 CSE was chosen as the winner.



The announcement poster features a background of wind turbines in a green landscape. At the top, it includes logos for SBC CETkr, IEEE PES (Power & Energy Society), and IEEE. The main text reads: **POSTER DESIGNING COMPETITION**. Below this, it states the **Deadline: 7 MAY, 2023** and the **TOPIC: CLIMATE SAFER FUTURE**. A call to action says "Submit your Works- bit.ly/pesdaysub1". On the right, there is an illustration of a person working at a desk with a laptop and a monitor. Contact information for queries is provided: Anaswara- +91 6282211424 and Adithya- +91 7511136433. Social media icons for Facebook, Instagram, LinkedIn, and Twitter are present, along with the handle @ieeesbcetkr and the website | ieeepesday.



The congratulatory poster features the same wind turbine background. It includes the same logos at the top. The central text reads: *Congratulations* for getting **First Prize for Poster Designing Competition**. Below this is a circular portrait of Adarsh Prakasan. His name and affiliation are listed: **Adarsh Prakasan**, S8 CSE, College of Engineering Trikaripur. Social media icons and the handle @ieeesbcetkr are on the left, and the website | ieeepesday is on the right.

3. Article writing Competition

IEEE PES SBC CETkr conducted a Article writing Competition on the topic “CLIMATE SAFER FUTURE”. The competition was organized as a part of PES Day 2023. The deadline for the competition was on 7th May 2023. The Article with best structure and overall Effectiveness were considered for the selection of winners. Abhinav KV of S4 EEE was chosen as the winner.



This banner features logos for SBC CETkr, IEEE PES (Presenting PES Day 2023), IEEE PES (Power & Energy Society), and IEEE. The main text reads "ARTICLE WRITING COMPETITION" in green. Below it, the "Deadline: 7 MAY, 2023" and "TOPIC CLIMATE SAFER FUTURE" are listed. A call to action says "Submit your Works- bit.ly/pesdaysub2". On the right, an illustration shows a person at a laptop with a large document icon labeled 'A'. Contact information for queries is provided: Nikitha- +91 7012434819 and Anaswara- +91 6282211424. Social media handles @ieeesbcetkr and ieeeesday are at the bottom.



This banner features the same logos as the announcement banner. The word "Congratulations" is written in a large, green, cursive font. Below it, the text says "for getting First Prize for Article Writing Competition". A circular portrait of Abhinav K V is centered. Underneath the portrait, his name "Abhinav K V", his student ID "S4 EEE", and his affiliation "College of Engineering Trikaripur" are listed. Social media handles @ieeesbcetkr and ieeeesday are at the bottom.

4. Webinar

IEEE PES SBC CETkr conducted a webinar on the topic “Ev and its effect on climate change” on 7th May,2023 at 7.30PM in Google meet on behalf of the PES Day,2023. About 40 people attended the webinar moderated by Mr.Sreekesh E, Data Engineer, Tata Consulting Services. It was open to all, IEEE as well as non-IEEE members.

The poster and content were shared to the public 3 days prior to the webinar. The webinar link and other details were sent to the participants through WhatsApp group created for webinar. Feedbacks and suggestions regarding the webinar were made to get from the attendees. A poster was released showing the gratitude towards Mr.Sreekesh E for the session.

Webinar on
EV and its effect on
Climate Change

07 May, 2023
07:30 PM

Sreekesh E
Data Engineer
Tata Consultancy Services

For Queries-
Adithya- +91 7511136433
Anaswara- +91 6282211424

@ieeesbcetkr | ieeepesday

Browser tabs: New Tab, Meet - vcc-triq-pqt

Address bar: <https://meet.google.com/vcc-triq-pqt?pli=1&authuser=1>

SREEKESH E is presenting

How electric vehicles move

EVs are like an automatic car. They have a forward and reverse mode. When you place the vehicle in gear and press on the accelerator pedal these things happen:

- Power is converted from the DC battery to AC for the electric motor
- The accelerator pedal sends a signal to the controller which adjusts the vehicle's speed by changing the frequency of the AC power from the inverter to the motor
- The motor connects and turns the wheels through a cog
- When the brakes are pressed or the car is decelerating, the motor becomes an alternator and produces power, which is sent back to the battery

Logos: IEEE young professionals POWER & ENERGY SOCIETY Kerala Chapter, IEEE PES, IEEE

Participants: SREEKESH E, Sufair CT, SNEHA N, Sreepadh M, Nandana Rajeev, MUHSIN, 28 others, You

7:41 PM | vcc-triq-pqt

System tray: 29°C Rain, Search, Windows icons, Date/Time: 19:41 08-05-2023

Thank You

We express our Sincere gratitude to **Mr. Sreekesh E**
For the informative session

Webinar on
EV and its effect on Climate Change

Sreekesh E
Data Engineer
Tata Consultancy Services

Logos: SB CETKR, IEEE young professionals POWER & ENERGY SOCIETY, IEEE PES Day 2023 Powering a Climate Safer Future!, IEEE PES Power & Energy Society*, IEEE

Footer: @ieeesbcetkr | ieepesday

5. QUIZ COMPETITION

AS part of PES DAY'23 a quiz competition was conducted by IEEE PES SBC CETkr on the topic "Global Warming and Climate Change" on 13th May 2023. The program was a great success and had a massive participant. The main objective of the quiz was to provide global awareness. Angel Mary of S4 ECE of Vimal Jyothi Engineering College Chemperi was chosen as the winner.



6. DOODLE ART COMPETITION

As a part of Engineer's Day, a Doodle art competition was conducted by IEEE PES SBC CETkr based on the theme 'Innovations in Engineering' on 16th September 2023. The main objective of the competition was to encourage participants to express their creativity through doodle art, allowing them to explore their imagination and showcase their unique artistic style. The first position was taken by Fathima rizza P P of S1 CSE. The succeeding position was taken by Megha P V of S5 CSE and the third position was to Adhil Prakash K OF S5 CSE.



7. WORKSHOP

As part of college tech fest INQUA a workshop was conducted by by IEEE PES SBC CETkr on Autocad electrical in association with PACELAB redefining technology on 27th april 2023. The main objective of the webinar was to provide participants with the knowledge and skills needed to effectively use AutoCAD Electrical software for designing and documenting electrical control systems. AutoCAD Electrical is a specialized version of AutoCAD that is tailor for electrical design task.



The poster features a dark background with a bright green border. At the top left is the INQUA logo, and at the top center is the IEEE PES logo with the tagline 'Power & Energy Society'. At the top right is the PACELAB logo. The main text reads 'Workshop on' followed by 'AUTOCAD ELECTRICAL' in large, bold, green letters. Below this, it says 'in association with PACELAB' with the tagline 'redefining technology'. The registration fee is listed as 'REG. FEE 1200' next to an illustration of a circuit board. The date and time are '27/04 9AM to 2023 5PM'. The website 'www.inquacetkr.com' is provided at the bottom. Contact numbers are listed at the very bottom: 'Adarsh: 73560 45570' and 'Sufair: 79942 35900'.

Workshop on

AUTOCAD ELECTRICAL

in association with **PACELAB**
redefining technology

REG. FEE
1200

27/04 9AM
to
2023 5PM

www.inquacetkr.com

Adarsh: 73560 45570 Sufair: 79942 35900