



## ENERGY AUDIT CELL ACTIVITIES

### 2023-2024

Sl. No.	Name of the Event
1.	Guest Lecture
2.	Energy Conservation Week 1. Inauguration 2. Project Presentation 3. Technical Talk 4. Awareness for Non-teaching 5. Outreach Program 6. Quiz 7. Rally

## SKCET-EEE: Energy Audit Cell Activity

Department of Electrical and Electronics Engineering in association with Energy Audit Cell has conducted a Guest Lecture on the topic '**Role of Zero Energy Balance in Conservation**' for EEE Students today (31.07.2023) in BS03 Seminar Hall at 10.00 am.



### Session Speaker:

Dr. R. Sivakumar,  
Energy Auditor, Pricol Limited, Coimbatore.

### Session Takeaways:

- Self-consumption of PV production
- Continuous HVAC operation
- Tight set-points to create performance gap
- Concept of 'Post-Carbon' in industrial sectors
- Expanding the scale of zero energy performance

## SKCET-EEE: Energy Conservation Week Celebration

Department of Electrical and Electronics Engineering in association with Energy Audit Cell (EAC) has conducted Energy Conservation Week Celebration from 08-12-2023 to 14-12-2023. This year, we embark on a collective journey towards sustainable energy practices exploring the importance of conservation and the role each of us plays in shaping a greener future Celebration for EEE Students today we have inaugurated the awareness program with our guest in BS03 Seminar Hall at 9:30am.



### Session Speaker:

Mr.V.Srijith  
Project Manager  
Shree Sai System  
Coimbatore.

### Session Takeaways:

- Self-consumption of PV production
- Continuous HVAC operation
- Tight set-points to create performance gap
- Concept of 'post-carbon' in industrial sectors
- Expanding the scale of zero energy performance
- Identified Energy Hotspots
- Usage Patterns Analysis
- Equipment Efficiency Insights
- Renewable Energy Utilization

## SKCET: ENERGY CONSERVATION WEEK

Department of Electrical and Electronics Engineering in collaboration with the Energy Audit Cell (EAC) is hosting an Energy Conservation Week from 08-12-2023 to 14-12-2023. The inaugural day featured a project presentation session aiming to explore innovative solutions and foster a collective vision for making energy conservation a way of life.



### Jury of the session:

Mr. V. Srijith  
Project Manager  
Sri Sai systems  
Coimbatore.

### Session Takeaways:

- Energy-Efficient Appliances
- Industrial Optimization
- Importance of regular audits to identify and address inefficiencies
- Usage of energy-efficient heating, ventilation, and air conditioning systems
- Environmental sustainability

## SKCET-EEE: ENERGY AUDIT CELL ACTIVITY

As a part of Energy Conservation Week Celebration, a lecture was organized on the topic Awareness on Energy Conservation in our Regular Life for the students of EEE and ECE to instill in them a deeper understanding of the significance of eco-friendly practices and promote a sustainable future.



### Session Speakers:

1. Dr.B.Karthikeyan,  
Associate Professor,
2. Ms.T.Malini  
Assistant Professor  
Sri Krishna College of Engineering and Technology,  
Coimbatore.

### Session Takeaways:

- ✓ Idea on utilisation of home appliances
- ✓ Importance of Switching off Lights and Fans, when not in use
- ✓ Efficient usage of Refrigerator
- ✓ Use 5 Star Rated Electrical Appliances
- ✓ Awareness on energy conservation
- ✓ Impact of non-renewable energy, Green production

## SKCET-EEE: 'ENERGY CONSERVATION WEEK CELEBRATION'

As a part of the Energy Conservation Week Celebration, an Awareness Program on the topic 'Optimal Utilisation for Sustainable Future' was organized exclusively for the Non-teaching Faculty members in all domains.,



### Session Speaker:

1. Dr.G.Radhakrishnan  
Associate Professor/EEE
2. Dr. B.Karthikeyan  
Associate Professor /EEE

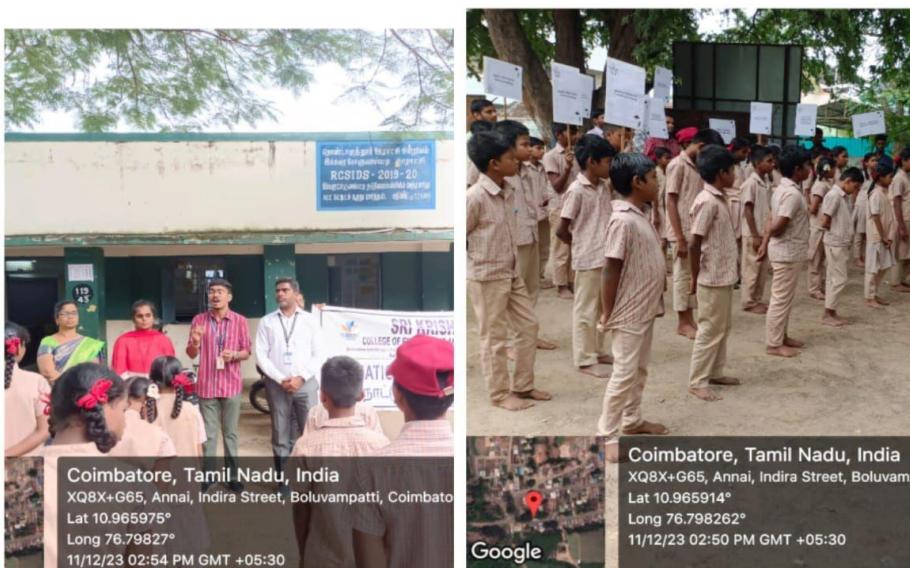
### Key Pointers:

- UPS discharges
- Limited fans for limited space
- Disabling Power Saving Mode
- Efficient usage of lights, Computers, and Printers
- Optimal usage of lab equipment's with less emissions

Energy saved is energy produced for a sustainable and resilient world!

## SKCET-EEE: ENERGY CONSERVATION WEEK CELEBRATION

As a part of the Energy Conservation Week Celebration, Awareness programme on the topic 'Energy Saving for Future Generations' was organized for Government Higher Secondary School, Ikkarai Poluvampatti, Coimbatore in association with Ikkarai Poluvampatti Panchayat. More than 50 School Students eagerly interacted and participated in the Energy Conservation Quotes competition. The **winning student - Master Dhayanath** was appreciated with an award for his excellence.



### Session Take-Aways:

- Power saving methods at schools and home
- Usage of LED lamps
- Saving of Power to save Money
- Benefits of using Star Rated Appliances
- Importance of Solar PV system

Energy saved is Energy generated!!

## SKCET-EEE: ENERGY CONSERVATION WEEK CELEBRATION

As a part of Energy Conservation Week Celebration, awareness rally on 'Conserve Energy for Sustainable Future' for the residents of Ikkarai Pooluvampatti Village was organized.

60 students from the Department of EEE enthusiastically participated, advocating conservation through slogans and schemes. The students walked approximately 3 kilometers in the village, distributing pamphlets that highlighted conservation activities for a sustainable future. The rally commenced with the flag-off by **Mr. Sadhanandham, President of Ikkarai Poluvampatti Panchayat**



### Main Slogans:

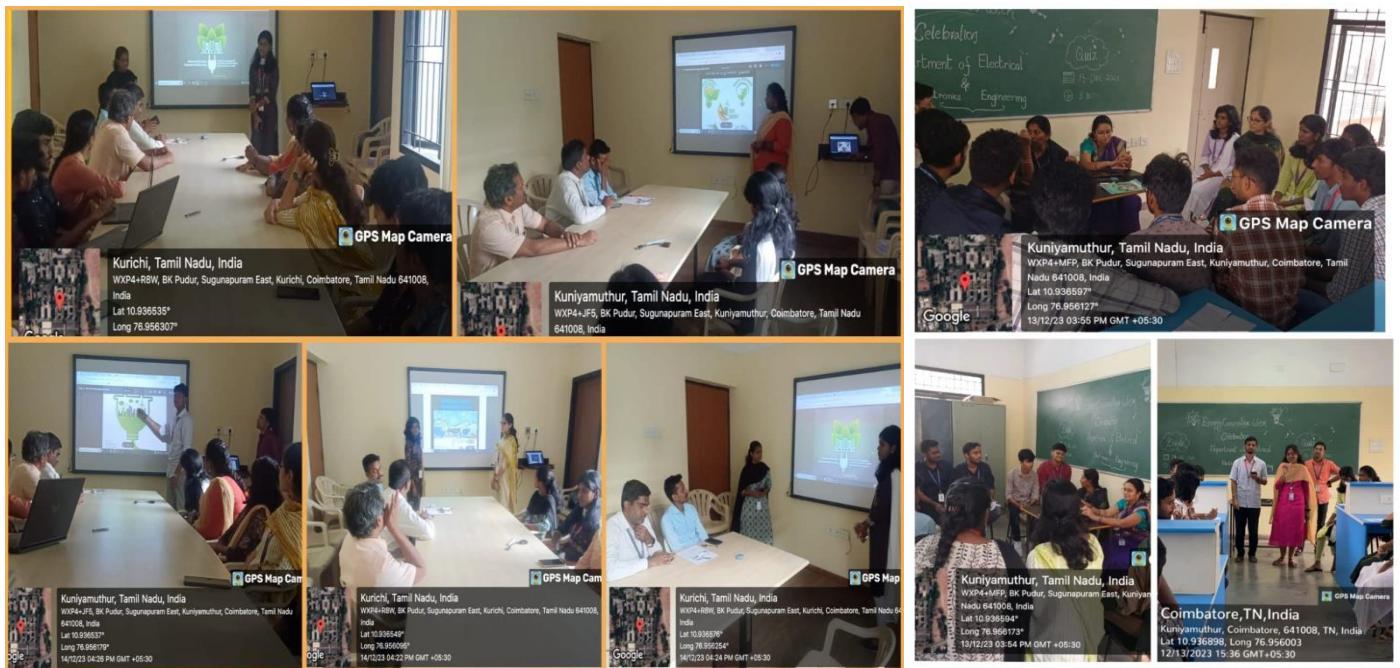
- Save energy TODAY make TOMORROW brighter
- Save power and save money
- Practice energy efficiency
- Turn off light for future delight
- Today's Energy Saving Tomorrow's Investment

### Faculty Coordinators:

1. Dr.G.Radhakrishnan
2. Dr.B.Karthikeyan
3. Mrs.R.Geethamani
4. Dr.A.Radhika

## SKCET-EEE: ENERGY CONSERVATION WEEK

As a part of Energy Conservation Week Celebration, Department of EEE in association with Energy Audit Cell organized a Quiz on 'Electrical Technology and Energy Conservation Methodologies' and a Discussion Forum highlighting the '**Best Practices for Conserving Energy**' on 13.12.2023. 30 students participated enthusiastically in both the Quiz and Discussion Forum. Their exceptional plans and thought processes centered around conserving energy today for the benefit of future generations.



### Key Pointers:

- Best Practices on handling loads during high demands
- Replacing incandescent to LEDs
- General awareness on using solar in tribal areas
- Igniting the school students on conducting Mini-Project on recent advancements in Solar PV System.
- Creating awareness on effective handling on Home Appliances

CONSERVATION IS THE KEY; LET'S UNLOCK A SUSTAINABLE FUTURE

## SKCET-EEE: ENERGY CONSERVATION WEEK CELEBRATION

As a part of Energy Conservation Week Celebrations, awareness rally was organised along with TANGEDCO on 'Save Energy for Optimal Future' for the residents around Kuniamuthur and Kovaipudur on 16.12.2023. 90 Students from the Department of EEE actively participated, advocating conservation through slogans and schemes. The students walked approximately 1.5 kilometers from SKCET campus to Kovaipudur, distributing pamphlets that highlighted conservation activities for a sustainable future.

The rally commenced with the flag-off by **Mr. M.Subramanian, Suprendenting Engineer-CEDC, TANGEDCO Coimbatore**. TANGEDCO Engineers appreciated the efforts of the students for their enthusiasm and awarded them appreciation certificates.





### Main Slogans:

- Self-Awareness on Energy saving
- Global Potentials towards Sustainable Energy
- Practice Green energy concepts
- Bright ourselves with optimal lighting
- Efficient energy storage

#Save Energy, Save Money, Save Nation, Save the Planet!