

SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Organized

“National Energy Conservation Day on 14th December-2023, National Energy Conservation Week from 14th Dec to 21st Dec2023 and National Technical Fest ElectroGrEEEn 5.0 on 20th and 21st Dec 2023”

Under the aegis of

INSTITUTION'S INNOVATION COUNCIL (IIC)

EVENT TITLE: “National Energy Conservation Day on 14th December-2023, National Energy Conservation Week from 14th Dec to 21st Dec2023 and National Technical Fest ElectroGrEEEn 5.0 on 20th and 21st Dec 2023”

Description of “National energy conservation week”

- National energy conservation week is celebrated all over the nation where we all take the pledge towards conservation of energy for the betterment of the nation and overcome the power scarcity crisis. Department of Electrical and Electronics Engineering, SIRMVIT in association with The Karnataka Renewable Energy Development Limited, Govt of Karnataka and Bureau of Energy Efficiency, Govt of India, organized the National Energy Conservation week from 14th Dec to 21st Dec -2023.
- The main aim was to promote the ideas of energy conservation among the technical minds and to bring in active implementation of the same in their lifestyle.
- This week-long initiative used posters, banners, slogans, student marches, and a tree planting ceremony to raise awareness about energy conservation and green energy sources.

Objectives of Workshop “National energy conservation week”

1. Raise awareness about green energy and energy conservation among students and participants.
2. Initiate a green movement within the campus community to promote sustainable practices.
3. Provide a platform for students to showcase their knowledge, skills, and innovative ideas in the field of green energy and energy conservation

4. Educate participants about the role of programs by organizations like KREDL in promoting sustainable energy practices and initiatives.
5. Cultivate teamwork and collaboration through group-based events.
6. To conduct campaign in various colleges across Bangalore to promote the concept of Green energy and energy conservation

Benefits in terms of learning/skills/knowledge obtained

The program provided invaluable learning opportunities and skill development in the realm of green energy and energy conservation. Through engaging in events such as Technical Troubleshooter and Debugging in C, participants honed their problem-solving abilities, applying theoretical knowledge to practical scenarios. The emphasis on critical thinking, evident in events like Technical Quiz and Electro Loop, instilled a deeper understanding of renewable energy technologies and sustainable practices. Additionally, activities like Essay and Meme making fostered effective communication, enabling participants to articulate the importance of green energy and energy conservation with clarity and persuasiveness. Furthermore, collaborative events such as Master Blaster and Technical Dumb Charades promoted teamwork and synergy, essential qualities for addressing complex environmental challenges. This immersive experience not only enriched participants' technical expertise but also empowered them to advocate for sustainable energy solutions in their communities.

Brief about the Chief Guest



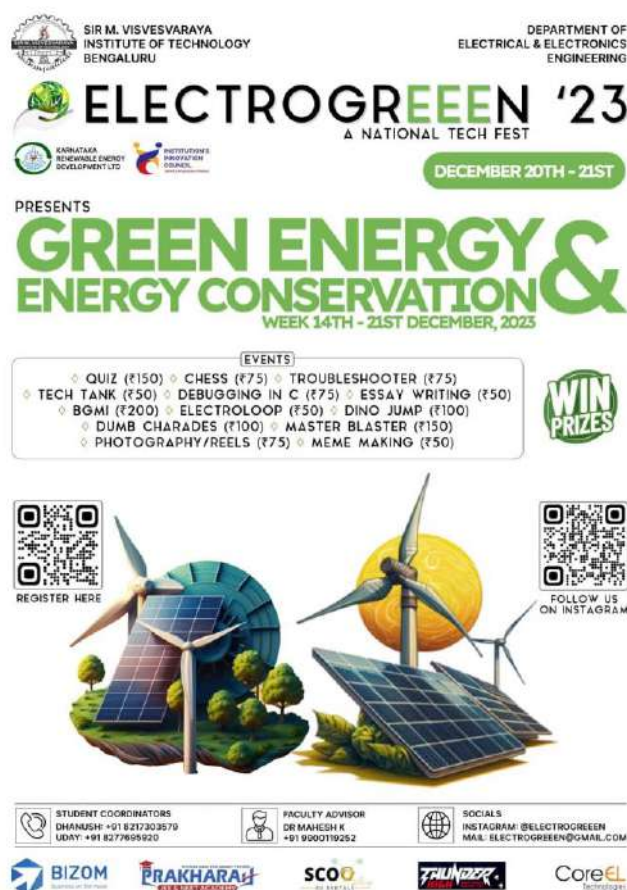
Mr. Prakash M

DGM, KSPDCL

Prakash M, serving as the Deputy General Manager (DGM) at KSPDCL, brings a wealth of expertise in the domain of energy infrastructure and supervision. With over five years of dedicated service. He oversees and monitors critical field activities, particularly the infrastructure development for the evacuation of power generated at the prestigious Pavagada Solar Park, recognized as the world's third-

largest solar park. His responsibilities entail the supervision of key infrastructural elements, including eight 220KV stations and an 11KV auxiliary network, crucial for the efficient evacuation of up to 2050MW of power generation. His role underscores profound understanding of the intricacies involved in large-scale energy projects and his commitment to ensuring the seamless operation of vital infrastructure essential for sustainable energy transmission and distribution.

Poster of the Event



Summary of the Event

Energy Conservation Week – 14th-21st December 2023

On 14th December the event was kick started officially. The department was made captivating by the art of Rangoli at the entrance, which propagated the ideology of Green Energy and energy conservation to the passer by. This turned out to be an eye catcher for the entire celebration. An artistic depiction of energy conservation in the form of rangoli was done by 5th Sem students in the department of EEE.

A campaign of Plastic bottle collection was held prior to energy conservation week, Showcasing the concept of recycling. Those plastic bottles were converted into an 3D installation art as shown below. It portrayed the message of energy conservation and the role being played by the renewable energy sector in the same. The rangoli was displayed during the entire week from 14th December to 21st December. To indicate future investment in green and sustainable environment saplings were given to all the heads of the department and officials of Sri KET. The assembled multitudes were also engaged in various seminars and talks on energy conservation were given out by dignitaries. It was an informative experience which brought in ideologies in creating awareness about the energy crisis and to balance out the scarcity.

A campaign to highlight the importance of energy conservation was initiated by Dr H L Suresh, Professor and head of the department, the faculty coordinator Dr Mahesh K and all the faculties of the department. The team of students approached each class and proclaimed the trends in usage of energy and stressed the importance to be given to energy conservation. The listeners were also quite interactive and gave in their views regarding energy conservation. A campaign was also conducted in various colleges across Bangalore. The team promoted the concept of Green energy and energy conservation. The department of EEE also hosted the National tech fest ElectroGrEEEn5.0 with the theme of Green energy and Energy Conservation. The poster reveal was carried out by principal Prof Rakesh S.G. And Dr. H L Suresh, Professor and Head of the dept Electrical and Electronics Engineering.

ElectroGrEEEn 5.0- the national tech fest and Energy Conservation Week 2023

The chief guest for the program was Prakash M, DGM, KSPDCL. The inauguration programme was held in the presence of Principal Professor Rakesh S.G, Dr. H L Suresh, Professor and Head of the dept Electrical and Electronics Engineering, Dr. Mahesh K, Professor Faculty Advisor and Professor Dept. of Electrical and Electronics, faculties and students.

The Event was inaugurated by a Roll Down Banner which was one of the finest moments of Sir MVIT and the Dept of Electrical and Electronics. There were many exciting speeches by the honors.

As a gratitude to Mother Earth Principal sir and HOD sir of EEE department potted the plant samplings and initiated the Green Movement for the National Tech Fest. Participants took part in a Technical Quiz, demonstrating their expertise in green energy concepts. The Technical Troubleshooter event challenged students to apply practical knowledge in solving faulty circuits, while the Debugging in C competition tested their coding skills. The Electro Loop event encouraged logical reasoning and innovative thinking in finding solutions to energy-related crises. Additionally, an Essay competition provided a platform to stress the importance of alternative energy sources and reducing energy consumption. Alongside these technical events, fun and interactive activities like master blaster, meme

making, photography, chess, and Technical Dumb Charades added excitement and creativity to the fest, ensuring active participation and engagement among attendees.

Related Photographs of the Event





