



Loyola-ICAM College of Engineering and Technology (LICET)
Department of Electrical and Electronics Engineering
Electrical Engineers League (EEL)

Under

AICTE – Scheme for Promoting Interests, Creativity and Ethics among Students
(SPICES)

Event Report

Category: **Competition**

Title of the Event: **Ideation Contest**

Theme : **Energy Management and Auditing**

Date: 08-02-2023

Venue: H11 (Fab Lab)

Details of Participants

● Total No. of Participants: 32

● Members of EEL: 32

Technological/ Academic/ Other benefits generated by conducting the event with respect to:

(a) the institution	<ul style="list-style-type: none">● Networking & building brand recognition - promote the institution and help people connect with our brand● Showcase the facilities at the institution by bringing the professionals from industries
(b) the faculty	<ul style="list-style-type: none">● Provide value to community by taking interest in student's passion and become mentors to students practicing compassion
(c) Students	<ul style="list-style-type: none">● Enable students to create and develop innovative engineering applications● Build competence by providing necessary platform in electrical engineering that will continue to develop the knowledge and skills of students
(d) Industry/ Society	<ul style="list-style-type: none">● Clarifying the image of the avenues of development in the near future● Contributing to make the literacy rate rise higher thereby helping build a more educated, empowered and aware society

Proceedings of the event

Category: Competition

Report on Ideation Contest on Energy Management and Auditing

Date: 08-02-2023

Time: 03:00 pm to 04:00 pm

Venue: H11 (Fab Lab)

Theme : Energy Conservation Ideas; Energy Management Techniques; Role of renewables in energy conservation; Role of IoT in Energy Management; Role of Data Analytics in energy conservation; Energy Substitution or Energy-saving methods.

Judge : Mr. Gokul G, Global siting – After Sales, Vestas and EC member of IAEMP.

Participants : Members of EEL

The Department of Electrical and Electronics Engineering and Electrical Engineers League (EEL) under AICTE-Scheme for promoting interests, creativity and ethics among students (SPICES) in association with Indian Association of Energy Management Professionals (IAEMP) conducted an ideation contest for the members of EEL. A total of 32 students participated in the event. The students were encouraged to present their ideas and posters on any one of the suggested themes. During the event, students were given a list of suggested themes. In Round – 1, 09 teams were shortlisted.

Students participated with great enthusiasm as they had an opportunity to express their views on Energy Management and Auditing. The teams were judged based on the following criteria:

- Relevance to the topic
- Creativity
- Data and Technicality
- Technological update

The judge met the contestants one after the other to validate their posters. He provided valuable suggestions and guidance to better their understanding on Energy Management and scored them based on the above criteria. Students found this event to be a great learning experience and expressed their interests to participate in more events of this kind. They also mentioned that such competitions help in building their knowledge, confidence and also encourages them to take part in similar events conducted at other institutions.

Relevant Courses in the current semester

Power System Analysis

Transmission and Distribution

Environmental Science and Sustainability

Relevant Program Outcomes

- PO6 – The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7 – Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and the need for sustainable development.
- PO8 – Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9 – Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10 – Communication: Communicate effectively on complex engineering activities such as, being able to comprehend and make effective reports and presentations, and give and receive clear instructions.
- PO11 – Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12 – Life-long learning: Recognise the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Feedback

