Loyola-ICAM College of Engineering and Technology (LICET)
Department of Electrical and Electronics Engineering
Electrical Engineers League (EEL)
Under
AICTE – Scheme for Promoting Interest, Creativity and Ethics among Students (SPICES)

Event Report

Category: **National Level Technical Symposium**

Title of the Event: **Strom2k22**

Details of Participants

- Total No. of External Participants: 150
  - EEE Students from Other Colleges: 60
  - Students of Other Disciplines :75
- Total No. of Internal Participants: 166 — 61 (II EEE) + 54 (III EEE) + 51 (IV EEE)

Date: 08-10-2022

Venue: Classrooms and Laboratory
Department of EEE, LICET

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

(a) the institution	• Networking & building brand recognition - promote the institution and help people connect with our brand • Showcase the facilities at the institution by bringing the faculty from premium institutions
(b) the faculty	• Strengthen faculty community and build relationships with each other • Meet like-minded individuals in person and encourage active engagement

(c) Students	• Provide an opportunity to work in inter-disciplinary groups. • Train young men and women of quality to be leaders by organizing events and competitions
(d) Industry/ Society	• 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: National Level Technical Symposium – Strom2k22

Report on Event: Ingenious Carte

Date: 08-10-2022 Time: 10:40 am to 12:40 pm
Venue: D23

No of Participants: 28

Co-ordinators: Harshni R/ III year EEE; Jishnu/ II year EEE.

The paper presentation event had two phases. Phase-I started at 10.40 am at D23. There were 12 external participants and 2 internal participants. During phase-I, all the participants presented their papers for 5 minutes and then they were questioned by the event's judge Dr.S.Prathiba Hod/EEE for 2 minutes.

Two teams were finalized for the phase-II based on their relevance, uniqueness and application of the paper they presented in phase-I. The finalized teams were sent to the board room where they presented their paper.

The winner of the event was Balaji. The second prize was awarded to Abitha. Both of the teams were sent to the board room where they presented their paper infront of the jury.

Proceedings of the event

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Report on Event : El Dorado

Date: 08-10-2022 Time: 12:15 pm - 3:00 pm
Venue: J13

No of Participants: 30

Co-ordinators: Nanda Kishore/ III year EEE; Rupan Raj/ II year EEE.

The event's goal was to provide participants the real fun and joy of the treasure hunt game. In the first round, Participants were shown images and formulae related to electronics components. To memorize each slide, 30 seconds was given. To recollect and write it down on a sheet of paper 60 seconds was given.Teams who got most of the answers correct were selected for the Round 2.

In Round-2, 5 teams were shortlisted from the 10 teams who participated in the first round. Each team was given the choice to choose a color from Pink, Blue, Orange, Yellow, Green. The first clue was given to the participants and each team was asked to look for the other clues based on the color they chose. They were asked to report back to J13 after finding the treasure(components). The team who came last was eliminated.

The first four teams were selected for Round-3. Each team was given a hidden circuit and a set of questions to find the component that fits in the circuit. In this round, None of the team were able to build the circuit and show the output to us within the given time. So, the teams who came first and second after finding the Treasure were awarded prizes.

The winners of the event were a team from Dhanalakshmi Engineering College and the other two from Hindustan Institute of Technology and Loyola College respectively. The second prize was awarded to the team from St.Joseph's College of Engineering. Both of the teams were awarded cash prizes.

Proceedings of the event

Category: National Level Technical Symposium – Strom2k22

Report on Event : El-Egantia

Date: 08-10-2022 Time: 10:00 am to 12:40 pm
Venue: F01

No of Participants: 27

Co-ordinators: Karthik G/ III year EEE; Jonston/ II year EEE.

The session provided a competitive programming environment for engineering students in python,C,C++ and java languages.The participants were allowed to choose their preferred choice of programming language for the initial round.The participants were given a problem statement that tested their basic logical thinking ability.Out of nine teams two teams were eliminated on the first round based on their score.

The second round tested the participants logical debugging skills.The participants were instructed to choose a different language which they haven't picked on the first round.The problem statement consisted of few logical errors and the marks were allotted based on the number of errors they were able to correctly identify. Furthermore,two more teams were eliminated which had the least amount of total marks from the first two rounds.

The third round was conducted in a similar fashion as round 1 with the participants being able to choose any one of the four languages available.The problem statements were designed to test the participants understanding of the said problem and provide the appropriate solution. From the five teams which participated in the third round , two teams were selected based on their total score out of the three rounds.

The participants were quite interactive in asking questions about the problems and were interested in knowing the solution at the end of the rounds.The session provided an input on how real world problems could be solved using programming languages.

Proceedings of the event

Category: National Level Technical Symposium – Strom2k22

Report on Event :WIZARDS OF ELECTROWORLD

Date: 08-10-2022 Time: (11:30-1:00 pm)&(1:30-2:30 pm)
Venue: F01

No of Participants: 26

Co-ordinators: Naveen/III year EEE/Jean/II year EEE.

The session's goal was to familiarize participants with the foundations of circuit construction. The event's initial round concentrated on instilling fundamental circuit notions. Following this, round-2 is scheduled to provide hands-on experience with basic circuit designs within the stated bounds. First, in round one, all participants were required to complete a general quiz on electronics.

Each team was therefore given one MCQ type question, after which the participants were handed with the sheets of binary logic circuits and asked to establish the final boolean statement for the given design.

Participants were chosen for round two based on their average score. In this round, competitors were given a general MCQ relating to the circuit to solve before being given a bugged circuit. All participants were instructed to debug the circuit within the time limit.The person with the maximum average was declared as the winner of this event. And the runner had been selected as the second maximum.

The aforementioned approach had been followed for both batches. Due to the time constraints for batch two, parallel-series circuits were provided for debugging.

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Report on Event : ES PARENZO

Date: 08-10-2022 Time: 11:30 am to 12:40 pm
Venue: J11

No of Participants: 54

Co-ordinators: Hebron Sam Jebasingh/ III year EEE; Keerthana/ II year EEE.

Esparenzo is a technical quiz on topics related to electrical and electronics. With the electrical and electronics industry growing at such an alarming rate, we need a brain that's sharp as a razor. And our unquenchable thirst for knowledge ends at Esparenzo. This event has two phases where the technical knowledge of the participants would be put to test.

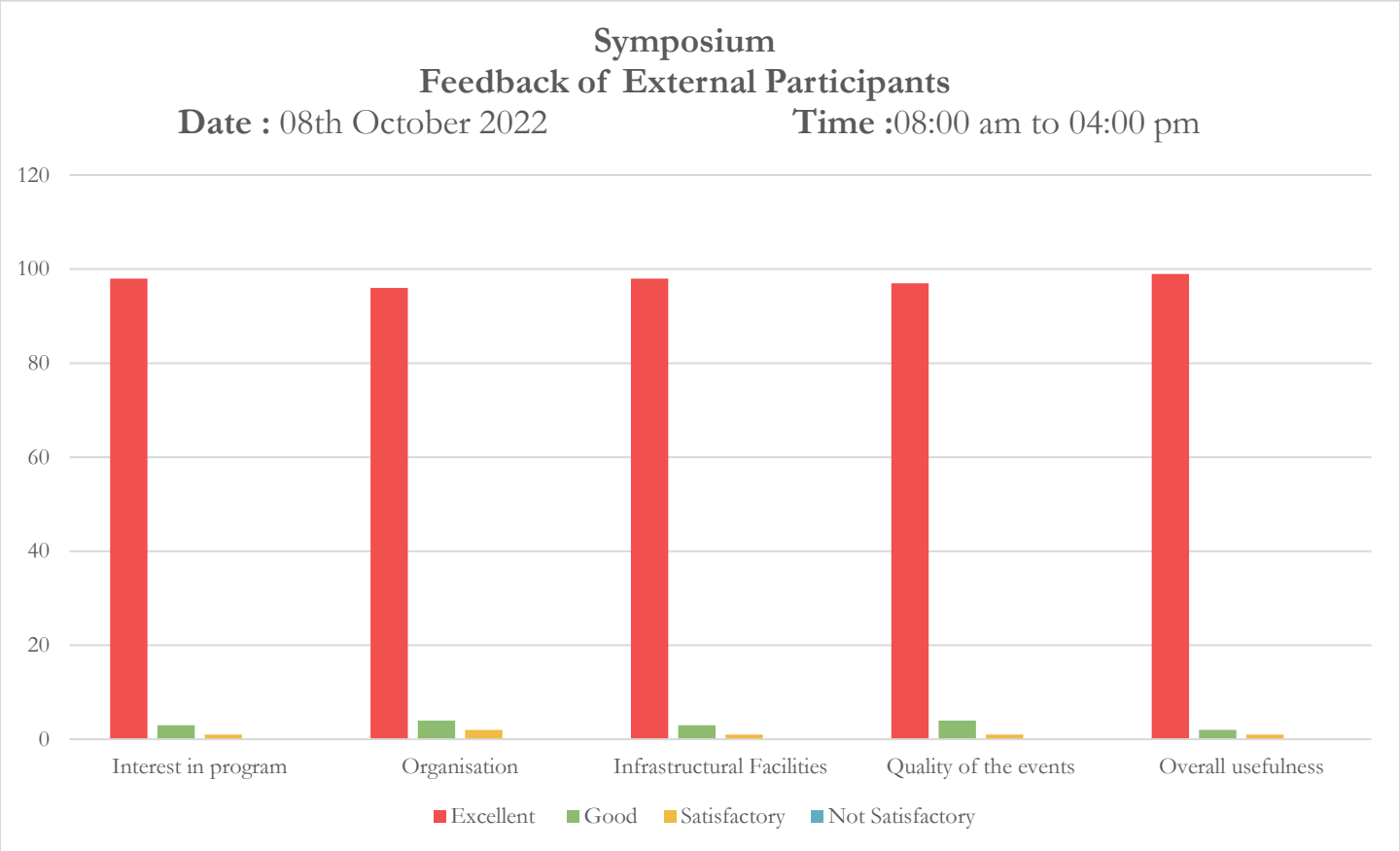
Phase-I started at 11:35 am at J11, with Aasif giving the instructions and mandatory regulations that are to be followed. There were 28 external participants and 12 internal participants. During phase-I, all the participants were given a set of questions to solve within 10 minutes. After going through the answer scripts, 7 teams were selected to the next phase.

Phase-II started at 11:55 am, with four rounds. There were a set of questions displayed on the screen and the participants were required to answer. This phase ended with two winners, Balaji, PERI Institute of Technology secured the first place and Devanathan, SRM Ramapuram secured the second place.

Relevant Program Outcomes

- PO5 – Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
- 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 with the engineering community and with the society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions
- 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


Symposium
Feedback of External Participants
Date : 08th October 2022
Time :08:00 am to 04:00 pm
120
100
80
60
40
20
0
Interest in program
Organisation
Infrastructural Facilities
Quality of the events
Overall usefulness
Excellent
Good
Satisfactory
Not Satisfactory