

SPARK CLUB ACTIVITY on “Design of Analog Circuits”

The Department of Electrical and Electronics Engineering organized SPARK CLUB ACTIVITY on “**Design of Analog Circuits**” on 30th Nov 2024. The event started at 1:30 pm. The judge for the event was Dr. Sanjeev K Nayak, Edu Manager, ALSTOM, Bangalore. In this activity **101** Students from 3rd, 5th and 7th semester EEE actively participated. The activity comprised of three rounds.

Round I:

In the first round different electronic devices, sensors, components etc are displayed and showed to the students for 30 secs. The students has to remember the items kept on the display and write it on the paper. Out of the 102 participants 60 among them who have written the maximum items are selected for the second round

Round II:

- The second round was conducted by dividing the students into batches consisting of 4 nos. Different electronic circuits are dictated to students and each batches are asked to write the sensors used in the circuit. The criteria qualifying in second round will be the maximum number of devices/components written against each circuits. Nine batches, three from each year are selected for the third round based on the scores obtained on the second round.

Round III:

- In the third and final round Students should develop a given circuit by using any sensors/electronic component/equipments. And also students should explain the circuit, its principle of working and applications to the judge. Based on their innovation, development, output and questions answered, Winner and Runner Up are selected.



WINNERS:

1st Place: Vimala. V, Chirasvi. S.N, S. Zuha Afsheen and Yashaswini of 2nd year EEE won the first prize



2nd Place: Prajwal. C, L. Dheekshitha and Bhumika. S of 4th year EEE won the second prize



3rd Place: Ramya. R, Keerthana. S.M, Nisarga L Kumar and Keerthana.R of 3rd year EEE won the Second prize.



Valedictory function:

The event ended at 4:30 PM. Feedback about the performance of the students was shared by the judge and certificates were distributed to the prize winners.



Outcome of the Event:

The SPARK club activity on "Design of Analog Circuits" for engineering students can yield

- Better understanding of Circuit Design Principles
- Knowledge on Hands-On experience on Prototyping of analog circuits
- Improving Problem-Solving and Critical Thinking Skills
- Enhancing Application of Software Tools for circuit design
- Improving Communication skills and prepares them for teamwork in professional engineering environments