

PAAVAI ENGINEERING COLLEGE

(Autonomous)

Pachal, Namakkal.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

EVENT DESCRIPTION

1. Event Name: Circuit Debugging

Note: Two Students per team.

Round 1:

- Participants have to answer Technical Quiz on Circuits. (15 min duration).

Round 2:

- Shortlisted candidate from round 1 will attend round 2.
- Components Identification Round (15 min).
- The team members will identify the basic electronic components within the allocated duration.

Round 3:

- Shortlisted candidate from round 2 will attend round 3.
- Circuit Design (30 min).
- Team members will design the circuits and make the necessary connections.

2. Event Name: ElectronIQ

Note: Two Students per team.

At first the preliminary test will be conducted for all the participants and shortlisted candidates will be participate in the next upcoming all **Five rounds**.

Round 1: Paper Based Quiz

- Question paper will be provided to the candidates, participants need to answer by solving multiple choice questions.
- No. of Questions: 10.
- **Time Limits:** 10 min.

Round 2: Connection Round

- Shuffled images will be shown in PPT, participants need connect and tell the answer.
- No. of Questions: 10.
- **Time Limits:** 10 min.

Round 3: Who am I?

- Person Identification conducted via PPT slideshow.
- Hints will be given to the participants to identity the famous person.
- No. of hints: 4 or 5.
- **Time limit:** 1 min.

Round 4: Video Questions

- A video will be played for 30 sec in the slideshow and questions will be asked from the video.
- Participants has to go through the video and need to answer the questions.
- No. of Questions: 5.
- **Time limit:** 30 sec for each questions.

Round 5: Product Remember

- Products image will be displayed in PPT.
- Participants need to remember the Product's order and need to answer the questions.
- **Time limit:** 1 min.

3. Event Name: TechTalk

Note: Individual Participation and the topic will be given on the spot.

Round 1:

- Each participant will be shown one or more electronic components.
- Participants must describe the component's function and its technical explanation.
- **Time limit:** 2-3 min.

Round 2:

- A practical application question will be given.
- Participants should explain how the component or concept is used in that specific application.
- **Time limit:** 3-4 min.

Round 3:

- A case study or scenario related to electronics or circuit design will be given.
- Participants must analyze the problem and propose a suitable solution or design approach.
- **Preparation time:** 5 min.
- **Presentation time:** 4-5 min.