

TINKERCAD

Open source software called Tinkercad is used for 3D design, electronics, and coding. It is available from any operating system and is cloud-based. With its assistance, we may create electronic circuits employing the components in a flexible way. Within the browser, the circuits may be instantly modified and tested.

Prior to attending the programme, one must be familiar with the fundamentals of the ECE field and Tinkercad operation. They must do this by setting up a new account in the software Tinkercad.

A person's performance and accuracy determine their score. Teams should be sorted based on their performance in the first and second rounds. Teams who have qualified are moved on to the next round.

This event consists of 3 rounds:

Round 1:

In this round, there are a total of 10 problem statements that are related to ECE domain and are at the basic level (EDC, LCD, MPMC, etc.).

One hour has been allotted for this round. The number of Problem statements they have resolved determines their score.

Round 2:

Three issue statements relating to the implementation of Arduino code and the operation of the code in real-time projects have been provided in this round.

It takes about two hours to complete this round. Their performance and the quantity of problems they have resolved determine their score.

Round 3:

In this round, we've provided a problem description based on an actual industrial project.

This round takes roughly two to three hours. Their performance and project execution on Tinkercad are used to determine their score.