CIRCUITRON

EVENT DESCRIPTION:

It is an event organized to check the knowledge and understanding about circuit designing on the breadboard as well as the knowledge of basic electronics components like ICs, diodes, LEDs, capacitors, resistors, etc. Participants are required to create the circuit based on the given problem statement and components in the allotted time period.

Team Specification:

• The team can have 2 members.
• Students from different institutes can be a part of the same team.
• Registration Fee for each Person Rupees 150/-

Event Structure:

Round 1 – Based Test:

• This round will consist of **30 MCQ type questions** with no negative marking.
• Questions will be asked from basic topics of electrical and electronics department.
• Timing for this round will be 40 minutes.
• The **top 8 teams** will proceed further to the final round. Points will be allotted based on time taken.

ROUND 2 – This round consists of two stages:

Stage 1: Transient State

• Each team will be given a circuit diagram and the components.
• The top 8 teams to design it on the breadboard in the shortest time and reach the maximum average score will be eligible for the next stage.
• Scoring criteria are based upon completion time, the accuracy of output, and minimum number of components and wires used.
• Maximum of 45 minutes will be given to design it on breadboard.

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Stage 2: Steady State

• The question will be provided at the time of the event.

• This is a real circuit design round and the team needs to design the circuit with a specific . . .

. problem (not the schematic) on the breadboard.

• Judging criteria are based on completion time, accuracy of the output, knowledge about.

. Circuit and number of components used.

• Maximum of 45 minutes will be given to design it on breadboard.

Rules and Guidelines:

 • Each team must register offline or online on the official TRISHNA'24 website for the event.

• All participants are required to report 15 min before their allotted slot to the reporting desk,
  being late will be subjected to disqualification.

• Any misbehavior of participants during the event may lead to disqualification.

• TRISHNA'24 will not be responsible for any late, lost, or misdirected entries.

• The organizing committee reserves the right to change any of the above rules as they deem
  fit, at any point in time. However, registered participants will be informed about any changes.
  through email/ message/ WhatsApp groups.

• All team members must have a valid TRISHNA id card and college id card in order to
   participate. other college participants must bring a Bonafide Certificate/Letter to participate in
  this Tech Fest, with your college Principal/HOD signature.

• The jury's decision will be final and abiding.

Contact for Queries:

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