

CIRCUITRIX

EVENT DESCRIPTION :

Some people get bogged by tronics, while others have resistors for dinner and capacitors for dessert (of course they throw in a few chips) and would swear tronics is their middle name. If you belong to this rare breed of circuit-mongers, you are in for a treat. Come test your tech skills against the best, build a simple but dynamic day-to-day circuit that sets everyone delirious. Have the passion, appetite? Show your limitless knowledge under limited resources and set everyone berserk. This spring-it's time to GO TRONIC.

FORMAT :

First Round:

The online prelims will be for duration of one hour. The participants can participate any time during the prelims timing. However they will have to take the quiz in a single sitting of one hour.

You must be registered in order to take the test.

Second Round:

Teams short-listed will then have an on-campus workshop and will take up a written

test based on the concepts discussed. (Non Eliminative)

Final Round :

- The final round will be held in an electronics lab on campus.
- Given a list of components (i.e Integrated Circuits, resistors, capacitors, switches etc.), the teams will be expected to come up with a theoretical and practical circuit implementation of a problem within a specific time duration.
- No component should be used other than those provided in the list.
- Components for this round will be provided

RULES :

- A team cannot consist of more than 3 members.
- Prior registration is required for participating in the event and access the online prelims.
- The decision of the judges will be final.

JUDGING CRITERIA :

Factors on which teams will be judged are:

- Compatibility of implementing the circuit practically.
- Working of the circuit.
- The proximity of the practical implementation to that of the theoretical design.
- Time, efficiency.

FAQ :

1. What will be the size of the team?

The maximum size of the team is restricted to 3 members.

2. Do all members need to be from the same college?

No, team members can be from different colleges.

3. Is there any eligibility to participate?

Basic electronics knowledge is enough.

4. Will participation certificates be provided?

Yes, participation certificates be provided to all the teams that qualify to come down for main event during Pragyan.

5. What will be taught in workshops?

Basic application of the concepts learnt to do practical stuff in real life.

PRIZE MONEY : Worth INR 25,000

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