

ENCRYPTO

EVENT OBJECTIVE:

This event is all about digital system and circuit designing. The technical aim will be to come up with simple ideas based on Digital Systems Design to protect a given place/object from any form of unauthorized access. Participants are supposed to design a fool-proof electronic system based on the problem statement given (Innovative Systems that can be used by the common man e.g. Housing Security System, Corporate Security or various detector and control circuits such as fire and smoke detector and extinguisher). Consider every parameter and aspect of break-in points and reverse engineer your efforts to detect and eliminate flaws.

EVENT STRUCTURE:

Round 1: This will be an MCQ round testing the participants' basic knowledge of Electronics and System design.

Round 2: This round will test the logical reasoning ability of the students in the field of Electronics and System design and give optimal solutions to cryptographic problems. Students will have to answer questions in descriptive manner and if required draw circuits explaining their answer.

Round 3: Shortlisted students will have to go through a viva taken by one of the college faculty.

RULES:

1. Participants must carry their original college ID and registration receipt at the time of event. Entry will be denied if a participant is without either of these two.
2. On the spot registrations are also allowed.
3. Any form of cheating/use of unfair means will NOT be tolerated and the concerned teams will be disqualified immediately.
4. The decision of Judges and Event Heads will be final and binding to all.
5. Non-programmable calculators are allowed.
6. Team members may be from same or different colleges/institutes. However, one person cannot be a part of multiple teams for the same event.
7. Rules may be changed without prior intimation. Participants are requested to check MindSpark'16 rules on website (www.mind-spark.org) regularly for updates.

TEAM AND FEE STRUCTURE:

Team size : Maximum 2 participants per team.
Registration fee : ₹50/- per team.

FAQs:

Q. Is on-spot registration available?

A. Yes. On spot registrations are available.

Q. Do teams need to bring any kind of kit or tools with them?

A. All the material will be provided by Team MindSpark and should be returned without any damage. Also each team member should bring his/her college ID for verification. Teams caught cheating will be disqualified.

Q. Can two students from different colleges form a team?

A. Yes, there is no restriction on branches and years of team members as long as they are undergraduate students. But any participant cannot be a part of multiple teams.

Q. Is a calculator allowed?

A. Yes. For all rounds non-programmable calculators are allowed.

Q. What is the basic knowledge required for participation?

A. Team members should have some basic knowledge of Electronics, System Design and a good presence of mind.

Q. On what basis will a team win the event?

A. The team with logically correct and optimized elegant designs, completed in a time, less as compared to that taken by their competitors, would qualify for further rounds.

EVENT HEADS:

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