TECNOESIS 2020

ROBOTRON presents...

ROBOART 3.0

"The Art of Making Robots."

Organisers :

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ROBOART

About:

TECNOESIS provides every robotics enthusiast amazing platform to delve and experiment first hand in the awe-inspiring field of robotics. With no limitations to your creative acumen and free reign to unleash the full potential of your technical prowess, can you build that one bot to rule them all?

TECNOESIS, under the ROBOTRON module presents RoboArt-The Art of Making Robots.

Problem Statement:

1. Participants will be given **8 hours** (4+4) to construct a bot.
2. There are no specifications regarding the applications so participants can build any kind of bot, it's the ingenuity of the idea that matters.
3. The bot will be judged on the basis of its application in the real world, not complexity. So get your creativity clockwork going and harness the full potential of your inventiveness.

Rules:

1. Each team can have a **maximum** of 5 members and **minimum** of 2 members.
2. Use of any microcontroller or development board is allowed.
3. The bot should be made from scratch, during the competition.
4. The programming required, if any, for the bot may be developed beforehand, however you might be asked to explain the code.
5. You should have some basic knowledge on the various hardware and software components required to make the bot.
6. If any technical error occurs then team would be given **5 minutes** to resolve it and maximum **3 chances** would be given to a particular team to correct the issue. (points will be deducted on every chance).
7. The judges' panel decisions are final and non-negotiable.

Special Instructions:

1. Any team that is not ready within the given time will be disqualified.
2. The organisers reserve the right to change the rules, if required.
3. The organizers fully reserve the right to disqualify or penalties any team showing or implying harmful, unacceptable behaviour towards the organizers, other teams, or university property. Decision taken by the organisers will be final.
4. No computer hardware or software will be provided to the participants by the organizers. Therefore the teams are required to bring along at least one working laptop.
5. We will provide the basic working tools like soldering iron, glue gun, scissors etc. required for the bot making.
6. Test your software and hardware components before the competition so that you don't experience any technical problem.

Note: The teams may make PowerPoint presentation, chart or diagram (not necessarily during the competition itself), explaining the details of their bot and its applications. (for any other query feel free to contact us.)