RoboArt 2.0

Go Nuts and Bolts!

DESCRIPTION:

Since our theme for Tecnoesis this year is *" REINVENTING THE EARTH"*, RoboArt is all about the art of making innovative robots for reinventing the earth.

Innovation is the process of creating something new that makes life better, and innovators? They're the one who bring breakthrough, they do wild experiments, get obsessed with their ideas and end up becoming the icons of revolution.

So, the general mainstream bot events, too mainstream for you? If yes, then bring out the imagination, be a design maniac or just play with the circuits, sensors or controllers! It's RoboArt after all!!!
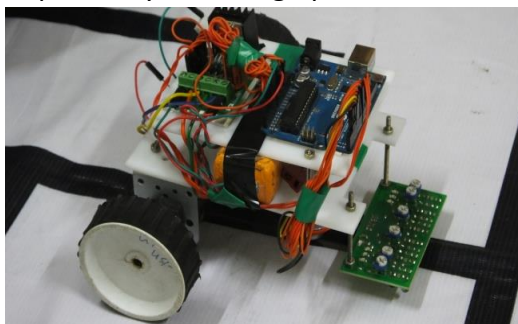
Task/Problem Statement:

The participants will be given 8 hours (4+4) to construct a bot. The bot application is unbounded, so participants are free to use their imagination and may build any kind of bot. The bot will be judged on the basis of its application, not complexity since it is a time bound event.

Bot Specifications:

Autonomous or controlled, with or without micro controllers, wired or wireless. Your imagination is the limit. But wait the clock is ticking.

Rules:

- This will be a time-based bot building event, with the clock running over 8 hours in two shifts for making the bot.
- Bot ideas and implementation are open to participants with the basis of judgement being creativity, efficiency, design, application, work efforts and importantly matching up the theme "REINVENTING THE EARTH".

- The participants are required to build the bot from scratch at the event venue, i.e. assembling of premanufactured parts is not allowed.
- Design and dimensions are not bounded but an abstract model or blueprint and list of required items will have to be submitted 15 days prior to the event.
- The total estimated cost of the bot should not exceed 2500/-.
- General equipment viz. tools and workstations will be provided at the event venue.
- Electronic components will be provided a week prior to the event for practice.
- A team may consist of 4-5 members each.

Registration Fees:

In case the participants can manage their own requirements, there is no registration fees, failing to manage the same, they will have to inform the organisers beforehand(15 days prior to the event) and pay an amount of 1500/-. The organisers will then manage their due requirements.

Event Timeline:

- Participants need to fill the doc attached and form the team for the event and provide necessary description and requirements regarding the bot.
- Each team will have to pay the registration fees as soon as they register so that the organisers can arrange the necessary kit and materials beforehand.
- It is a single day event in two shifts (9:00 a.m. to 1:00 p.m. & 2:00 p.m. to 6:00 p.m., tentatively).

Organisers:
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