Offroad control

The rally cars (Wired/Wireless) will race against each other in a custom track to test their speed,endurance and offroad capabilities.

TASK

1. Teams must build a manually controlled machine which can traverse an arena having various obstacles.

2. The bot can be wired or wireless. In case the participants use wireless mechanism they must get it must be paired before the competition

RULES

BOT SPECIFICATIONS

1. The dimensions of the bot should be less than 300mm x 300mmx 300mm at the start of the event failing which the team will be disqualified from the competition.

2. The bot should be controlled manually.

3. Teams can use either wired or wireless control mechanisms.

4. The dimensions of the remote are not included in the size constraint of the bot.

5. Participants are not supposed to use any readymade Lego components. Violating this clause will lead to immediate disqualification of the team.

7. The bot should not separate or split into two or moreunits.

8. The bot should not damage the track.

JUDGING:

1. The winner will be decided by the fastest time.

2. In case no team finishes the track the team that crosses the maximum number of checkpoints will be declared the winner.

3. The track will be divided into sections and all the bots will be allowed to go through at the same time. If any robot falls from the track it will be placed two sections back in the track . The bot finishing first will be the winner

TEAM SPECIFICATION:

A team may consist of a maximum of 5 members. Students from different educational institutes can form a team.

ELIGIBILITY: All students with a valid identity card of their respective educational institutes are eligible to participate in the event.

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