ROBO RACE

Race through the hurdles in the fastest time possible to own the crown

Problem statement :

* The bot can be wired or wireless and should be designed within the specified dimensions that can be operated manually and can travel through all turns of the track.
* Every team will have 2 trial runs. After the trials are over, the fastest time achieved during those trials will be chosen for the team. One trial should not last more than five minutes. After the trial time is over, the TIME-UP BUZZER will sound and the team will be asked to remove the robot from the COMPETITION FIELD
* The robot that will complete the specified task in least time will be the winner.

RULES:

* A team can have a maximum of 6 Members.
* Dimension should not exceed 25x25x25cm(approx).
* The bot may be wired or wireless depending upon your convenience.
* The track surface and course line may have unevenness.
* There will be certain obstacles in the race track which will try to slow down the robot.
* Arena will consist of Switch Bridge, speed breakers, marble pit, slippery path, rotating ting disc, curve ramp down,etc.
* The robot must be powered by a power source such as a battery fixed on the robot and The electric voltage anywhere in the machine should not be more then 12V DC at any point of time.
* Each contesting Robot is allocated a total of 10 minutes of access to the track from the moment the contest administrator acknowledges the contestant(s) and grants access to the track. Any time used to adjust a mouse between runs is included in the 10 minutes. Each run (from the start cell to the center zone) in which a robot successfully reaches the destination point is given a run time. The minimum run time shall be the robot's official time.
* The run timer will start when front edge of the robot crosses the start line and stops when the front edge of the robot crosses the finish line.
* **Code of conduct** :
* Robots that cause deliberate interference with other robots or damage to the field will be disqualified.
* Humans that cause deliberate interference with robots or damage to the field will be disqualified.
* It is expected that the aim of all teams is to play a fair and clean game.
* Participants who misbehave may be asked to leave the competition area and risk being disqualified from the contest.

Organisers :

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