ROBO RACE

CREAZIONE 2K19 brings you a chance to participate in the Event "Robo Race" which might be the closest one can get to such a display of human brilliance. Be the skipper of your own hatch. Time has come to boost up your creativity to a different level. This event provides you a platform to test your creativity.

Problem Statement

The robot should be capable of moving on different irregular land surfaces. The robot should have been fabricated, assembled by the team. Readymade robots are not allowed.

Task:

4. The robot should reach the final point by crossing all the obstacles in minimum amount of time.
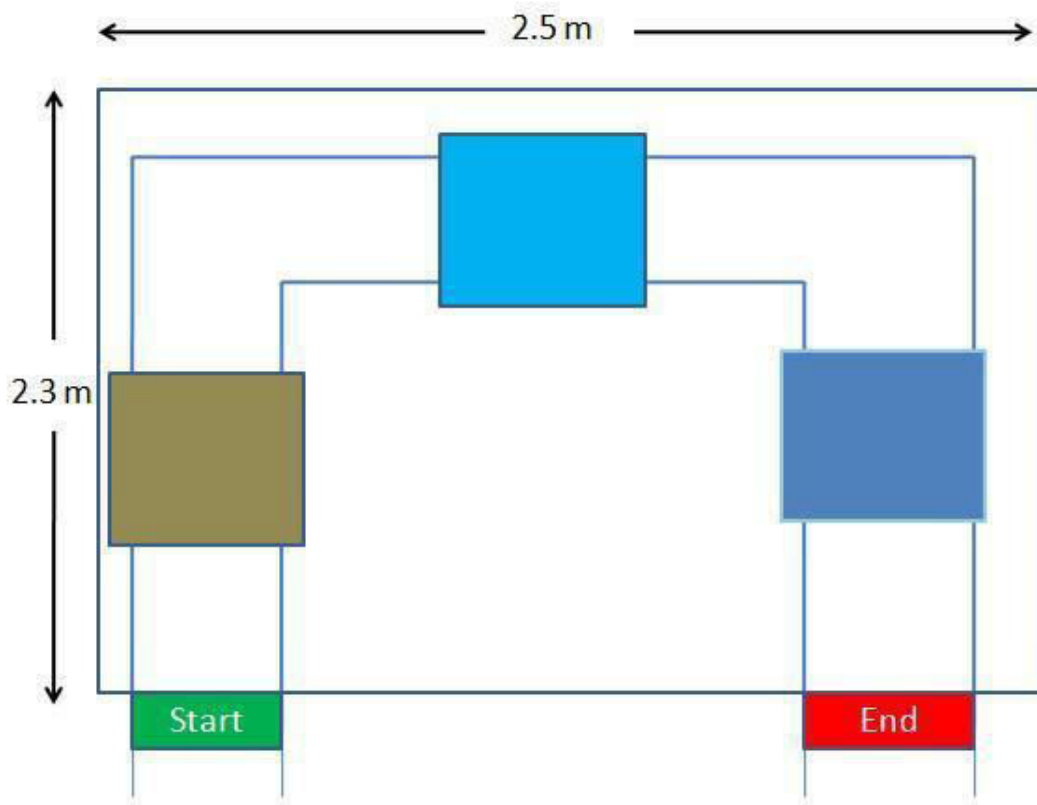
Robot Specification:

Dimension:
Maximum dimension of the robot should not exceed 30cm*25cm*15cm (L x b x h)
Tolerance of 1 cm can be considered in max. Dimension.
The robots must be electrically powered.

Arena Specification:

- **The arena will be pool of 2.5m x 2.3m x 15 cm (L x b x h)**

Power Supply:

The potential difference between any two points should not exceed more than 18 volts.
There is no ampere limit.
Everyone should bring their own Adaptor and extension cord only power source will be provided.

Event Detail:

The event will be held in two rounds:

De-credit Rules:

If the robot falls from the arena then +10 seconds will be added to the final time completion of the robot.

If the team member want to restart the race then +30 seconds will be added to the final time completion of the robot.

First Round:

All the teams will be ranked according the completion time the teams which have completion time above the critical time will be qualified for the Second round.

Second Round:

All the qualified teams will be participating in the second round the top three teams with the less completion time will be awarded.

Attraction:

Participation certificate will be given to EACH TEAM MEMBERS. 1st and 2nd will be AWARED separately.

GENERAL RULES AND REGULTIONS: (Strictly To Be Maintained)

Though team members may be from different institutions, all participants must produce valid ID cards at the time of registration.

Every team must should contain maximum 5 members.

No participant can register twice or from different teams.

No robot can be shared by more than 1 team.

Teams are not permitted to change the parts of their robots during a run.

Participants must bring their required DC power supply of their own.

<u>REGISTRATION FEES :</u>   Rs 200/- per team

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