The problem statement demands a greater mutual understanding between the team members. Gameplay will consist of a manually controlled bot which can do simple tasks of gripping blocks & transporting them into their respective areas and complete the run by earning maximum points in minimum time.

Event Structure

Match duration: 6 minutes.

Bot setup time: 60 seconds.

During the match only two team-members will participate in competition, one member will control the bot and the other member will guide the other one about the arena. Teams can switch members in different matches.

The game will be started once the team(s) arrives at the event venue after registering themselves.

Announcement of the results will be on the same day of the event.

Winning criteria: The winner will be decided by the final points (points are earned by grasping and placing the blocks/shapes into their respective areas while completing the track, point system will be briefly described in the Scoring section).

General Rules

Each team can have a maximum of 4 participants .

A team may consist of students from different colleges.

The robots will be inspected before the event. Failing the inspection shall lead to disqualification.

No damage should be made by a bot to the arena .

Bots should not be disassembled until the results are declared.

The organizers reserve the right to change the rules and/or arena as they deem fit.

When a team is called for a match, they must report within five minutes.

Judges/Manager's decision will be final.

Bot Specifications

During the whole event, the bot must fit within a cuboid of 300x300x300 [(l x w x h) in mm] failing which the teams will be disqualified.

Flippers, grippers and other mechanisms (if any) should be well within the given dimensions.

The Robot must be stable and able to move on its own. A Bot that does not fulfil these criteria will be disqualified.

The wire used to power/feed the bot should remain slack always.

Each team must bring its own power supply for the Bots.

Only onboard power supply is permissible.

The charging points will be provided by the hosts to the participants to charge their bot's batteries.

The voltage difference between any two points on the Bot must not exceed 24 volts.

Pneumatic/Hydraulic/Cutter/Projectile/Entanglement mechanisms are NOT allowed.

Wireless Control - If you are using a home built control system, or a control system not commercially available, you must first clear it with the coordinators.

Event Coordinators

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