THE MAZE RUNNER

presented by IETE

OVERVIEW

Teams participating have to put the ball in the hole placed at the centre of the maze using a Remote controlled wireless robot. The goal is to reach the center of the maze in the fastest time possible across several attempts. One team member will be controlling the robot through Remote control as guided by the second team member who will be guiding his/her team member and will be doing a small task (1 minute) in between in order to let the robot move ahead so as to move aside the obstacle placed in the maze. Time taken to complete the task for each participant will the recorded and the team who completes the task and reaches the center of the maze in the fastest time will be considered as the winner of the event. It consists of 3 phases:

Phase 1:

Tech Quiz: In this stage, the two teams will be given questions and connecting the questions to their corresponding correct answers will light up the LED. The questions will be in match the following format. There will be 10 questions for each team, to be solved as fast as possible.

Phase 2:

Bot Assembly: In this stage, both the teams shall assemble the remote controlled bot with the given components within the allotted time.

Phase 3:

The Maze: One member of each team would be controlling the robot with the help of the Remote control. He/she will be guided by the other team member who will be given two '1 minute tasks' in order to remove the obstacles placed in the maze, thus making the robot reach the center of the maze.

RULES

Phase 1:

- Only connect the circuit when you are sure of the answer because no second attempt will be given.
- Maximum of 5 minutes can be invested in this phase.

Phase 2:

- 3 minutes will be the maximum amount of time to assemble the robot or else the task is declared unaccomplished.
- Any team damaging the robot will be disqualified.

Phase 3:

- The team member guiding will be given two '1 minute tasks' in order to remove the obstacles placed in the maze.
- Objective is to make the robot reach the center of the maze.
- Each team will be given a maximum of 10 (8+2)minutes to complete the maze.

Additional rules:

- One player cannot participate in two teams.
- Each team must consist of at least two members.
- A maximum of 5 touches to reset the robot on track will be allowed.
- If any team is found harming the maze, the team will be disqualified on the spot.
- In case of tie, judges will decide the winner on the basis of performance in all stages combined.
- The decision of the organizing committee shall be final and abiding.

*Rules can be altered by the organizers at the time of competition.

JUDGING CRITERIA

At each stage of the event, if a team fails to complete a certain task, a time penalty will be given based on the task. For example, for each unaccomplished task 10% of the total time taken to complete the task by the team will be added in the final time. The team taking the least time wins. There will also be '**Handicap time**' involved. For example if team A completes tech quiz by solving 2 questions and team B completes the tech quiz by solving 5 questions, the difference of 3 questions is converted in time to give the team B time advantage.

Registration fee: Rs. 50/- (Team of 2)

Prizes Worth: Rs. 7000/-

Contact:

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