



FAST AND FURIOUS

Fellas! Blow the dust off your old Hot Wheel where your Robo-Car is about to balance, tackle and crawl past a series of risky tracks, hoops and bumpy bridges. Don't let it slip away.

ROBOT SPECIFICATION

The team is expected to construct a manually controlled robot of the following specifications:

- The size of the robot should not exceed 25cm x 25cm x 25cm (LxBxH) (10% tolerance).
- No restrictions on wheel sizes, types, or numbers.
- The maximum allowable operating voltage should not exceed 24v.
- Voltage and current should be constant throughout the race.
- If your controller and power supply is connected to the robot via electrical wires, please ensure that the length of wires is a minimum of 12 feet.
- Wireless RF controllers are allowed. Wi-Fi is also allowed.
- Readymade toys car or Lego or IC engines or hydraulic systems are not allowed.

TEAM RULES

- A team of a minimum of 2 members and a maximum of 5 members will be allowed to participate.
- All team members must possess a proper name.

COMPETITION RULES

- **Prelims:** 50% of the teams will be eliminated in this round. For example, if there are 20 teams, only 50% of the total teams (i.e. 10 teams) that complete their course through the arena in minimum time will be allowed into the final round. If there are an odd number of teams, we shall be rounding off closest non-decimal value for 50%.
- Unethical behaviour could lead to disqualification.
- The robot may be disqualified if found violating the technical and safety rules of the event.



karateh 2K22



Registration Fees(Per Team):

- RS 300/-(Only Race)
- RS 800/-(Soccer+Race+Maze)
- RS 1000/-(Soccer+Race+Maze+Line Follower)
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Date of Event: 29th April to 1st May 2022

Event Coordinators:

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