

# **MISSION IMPOSSIBLE**

## **ROBOT SPECIFICATION:**

1. The ROBOT should fit of dimension 350 mm x 300 mm x 300mm (l x b x h).
2. The machine should not exceed 5 kg of weight. Weight of remote controller will not be counted.
3. In case of wired robots, wires should at least 5 m long.
4. Output of connected power packs used by a robot cannot exceed 12.0 V (on board power supply should not be given by the institute).
5. Wheels & other part of the robot may not be treated with any fluids, glue or other substances.
6. A Robot must not contain following things:
7. May not emit infrared light, any components that may be hazardous to participants, the board, or other robots, Strong magnets, Liquids, Shooting parts, any kind of flame or flammable component.

## **TEAM SPECIFICATION:**

A team may consist of a minimum 2 and maximum 4 participants. Participants can be from the same or different educational institutes.

## **GAME PROCEDURE & LENGTH OF A GAME:**

1. The robots are supposed to be running on pre-defined track with complete control and are supposed to overcome the obstacles. The robot that completes the task in minimum time will be declared the winner. The game clock will be run by the referee or the assistant. There will be 3 or more rounds and the detailed rules of each round will be declared on the day of the event.
2. Teams are supposed to be at the table 5 minutes before their game starts. Teams have to be ready for time penalty as per the co-ordinator decides if they are late for the game start. If a team does not report within 5 minutes of the game start, it might be disqualified or sanctioned some penalty.

3. The rafts are supposed to follow a certain route pre-decided by the coordinator in minimum possible time.
4. In cases of tie, there'll be a tie breaking round.
5. Co-ordinator decision would be final regarding all the Issues.

**NOTE:**

A robot cannot damage the track in any circumstances. If a robot requires a repair or an adjustment between any round or the match, then the competitors must make those repairs as quickly as possible. They should not be allowed more than 3 min.

**CERTIFICATE POLICY:**

Certificate of Excellence will be given to all the winners. And the Certificate of Participation will be given to all the teams who participates in the competition.

