



GTU TECHFEST 2017

Gujarat Technological University,
Established Under Gujarat Act No.: 20 of 2007

Website: techfest.gtu.ac.in
Email: gtutechfest@gtu.edu.in

Venue:
L.D. College Of Engineering,
Near Gujarat University,
Ahmedabad - 380015,
Gujarat.

ROAD RASH

Go fast or Go home!

Abstract:

Do you enjoy bumpy rides and long drives on rough terrains? Have a desire to feel euphoria of adventure? If yes, then land on the field. But this time it's not you but your robot which will go on the specially designed roller coaster ride. What you have to do is to build a robust manual robot that can go through the rocky rough terrain, can beat the water, oil hurdles, accept the challenge, encounter the obstacles and reach the top.

So let your Robot jump, fly and Run Through difficulties.

Problem Statement:

Design a manually or automatically controlled ROBOT that has capacity to cover maximum distance in shortest possible time against the challenging hurdles.

Specifications:

- The maximum dimensions of the robot can be 30 x 30 cm (l x b).
- The robot may be wired or wireless.
- The length of the wire (for wired bots) should be long enough to cover the whole track and wire should remain slack during the complete run.
- Max weight must not exceed 6 kg.
- The power supply will be provided maximum up to 24Volt.
- Readymade toys car are not allowed.



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Rules:

- Robot should be as per the given specifications.
- The robot should not damage the arena.
- The decision of event managers cannot be challenged.
- Strict discipline should be maintained during the event.
- Violation of any rule will be followed by instant disqualification.

Judging Criteria:

- Total points are to be counted and taken into consideration.
- If the points are same then time will be considered.
- If points and time are same then the bot which is light in weight will win.
- After all conditions the winner will be decided by event manager.
- Participants and the teams securing Top 3 position along with complying to all rules and regulation will be awarded with GTU Techfest 2017 Participation Certificate and Winner Certificate respectively.

Team size: Maximum 4 Members Per Team

Registration Fees: Rs. 250 per Team.

Event Manager Contact:



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