



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.

Warcraft

“There is no mercy in a street fight! “

Abstract:

Let the metal scrap. Let the robots grind.

Here we summon all the warriors and their deadly bots to emerge as the undefeated in the biggest war zone of the season. The war would be brutal and the sparks of victory would be seen everywhere. Aim for fatality at the first shot as you may never get a chance again. Does your robot have what it takes to win the royal rumble of slashing and hacking?

Problem Statement:

Design your Autobot and Decepticon, get ready to duel with pneumatic spikes, flipping tusks, angel grinders, hurling maces, hydraulic pincers and loads more.

Specifications:

Size:

- It must fit in a cube of volume $1*1*1$ meter³.
- The design to stretch a robot's body or its parts shall be allowed after a match has started, but must remain a single centralized robot.

Zone: There will be three death zones on War field.

Weight: The robot must not weigh heavier than 50 KG (excluding the controls/wires)

Weapons: All types of weapons are allowed (cutters, pneumatics, fire weapon etc.). But any weapon should not harm the audience by any means.

Robot Classes: Remote Controlled or Manual (Wired Control).

Power Specifications:



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- Power supply can be on-board or off board.
- AC power supply will be provided but you will have to bring transformer on your own and will be checked for the supply limit i.e. 36V Max.
- AC power supply will also be provided for charging your batteries (in the breaks only). **36 V** is the limit for power supply.

Rules:

- Any weapon should not harm the audience by any means.
- Any weapon should not harm the track by any means.
- No personal abuses or violations are allowed.
- The machine would be checked for its safety before the competition and the team would be disqualified if their machine is found unsafe.
- 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:

- Damage done to the opponent's robot.
- 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 Persons per Team

Registration Fees: Rs.250 per Team.



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