

Roadster | Fall 2024

EVENT SUPERVISOR: SHABD BHATIA [bshabd@tisb.ac.in]

HOST: ADITYA SURESH IYER

Rules for the build:

- All finished cars **must weigh** between 400g to 2500g [Battery Included]
- Dimensions - **Between** 200mm x 100mm and 400mm x 250mm
- **Maximum Voltage** must not exceed 15 Volts
- Must be radio controlled remotely by **1 member** of the team
- Radio Receiver must be installed [**Will not be provided**]
- FPV Cameras **will not be allowed** for privacy reasons

Supplies Required:

- Fully built race cars [Store-bought vehicles will not be allowed (Kits are allowed)]
- RF Transmitter with sufficient power
- Sufficient batteries/chargers to last the entire duration of the track [10 Laps + Qualifying + Practice]
- Any additional supplies your team needs [Soldering Iron, Glue Gun, etc]
- Power tools will not be allowed


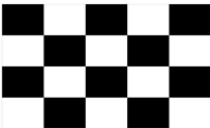

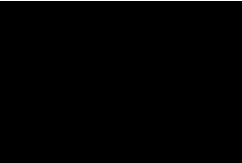
Format of the Event:

- Morning Session (After Opening Ceremony) -
 - ◆ Practice Runs
 - ◆ Modifications
- Qualifying (After Lunch) -
 - ◆ Parc Fermé (Modifications will not be allowed)
 - ◆ Each team will be issued 3 hot laps
 - ◆ The fastest time will decide the team's grid position for the race
- Race (After Qualifying) -
 - ◆ Formula style grid setup
 - ◆ 10 Laps
 - ◆ 1 mandatory pit stop (Battery change)
 - ◆ 1 optional tyre change (During pit stop)

Track Rules:

- Vehicle must not be driven outside the race track
- All team members must attend a safety briefing and sign a completion form
- Cars must be remotely controllable
- Drivers will not be allowed to use FPV Cameras and must race using line of sight
- If the racer leaves the track, they will be issued a warning for track limits. After 3 warnings, a 10 second penalty will be issued.
- If the car crashes, 1 teammate will be allowed to retrieve the car and place it back on the track (Previous corner) and continue if it is in working condition. If not, the car must be stopped and will be considered as a DNF.
- If a car intentionally crashes into an opponent's car a black and white flag will be issued. If it happens again, a black flag will be issued and the car must DNF.
- The organising committee has final say on disputes.

Flags:

Green Flag		Normal racing conditions apply.
Chequered Flag		Race is over
Black and White Flag		Warning flag for unsportsmanlike behaviour
Black Flag		Disqualified from the race. Return to the pits immediately.