

TECHNICAL RULE BOOK

BY

DHANESH : 9039551426

DIGVIJAY : 8871264896



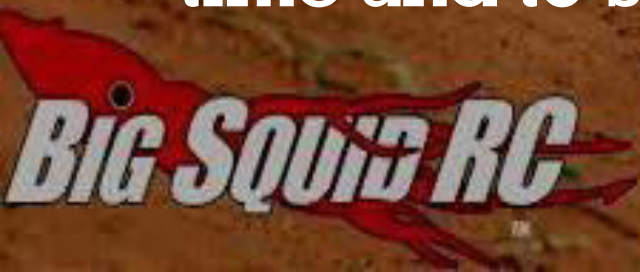
Shri shankarcharya technical
campus,bhilai(C.g.)
preSENTS



SAMVID 2019

Introduction

- RC racing is a car racing event which tests the participants', fabrication, driving and management skills .
- A wireless RC motor car, powered only by electric motor conforms to the event standard is required for participation by each team.
- The event is to complete and compete with other opponents on an off-road dirt track with many obstacles in the least possible time and to score maximum points.



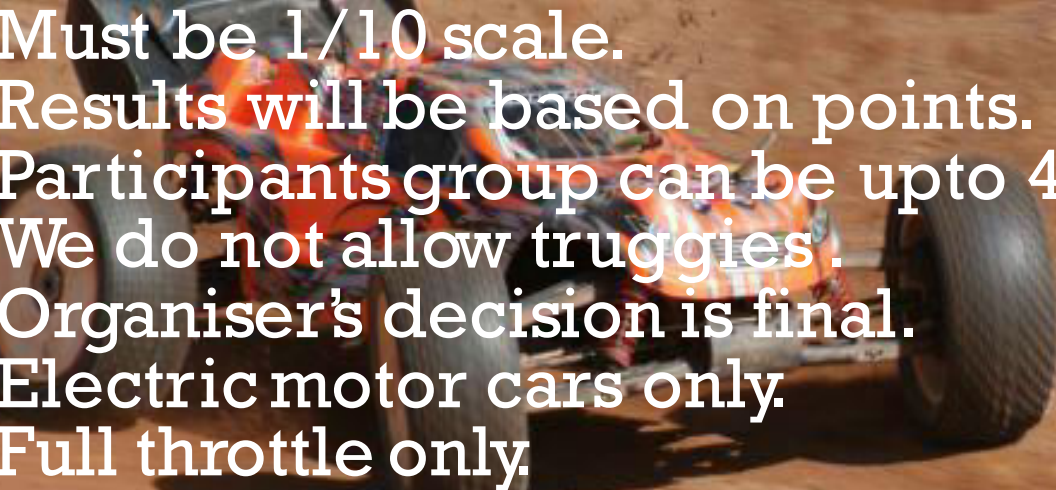
RULES OF THE EVENT

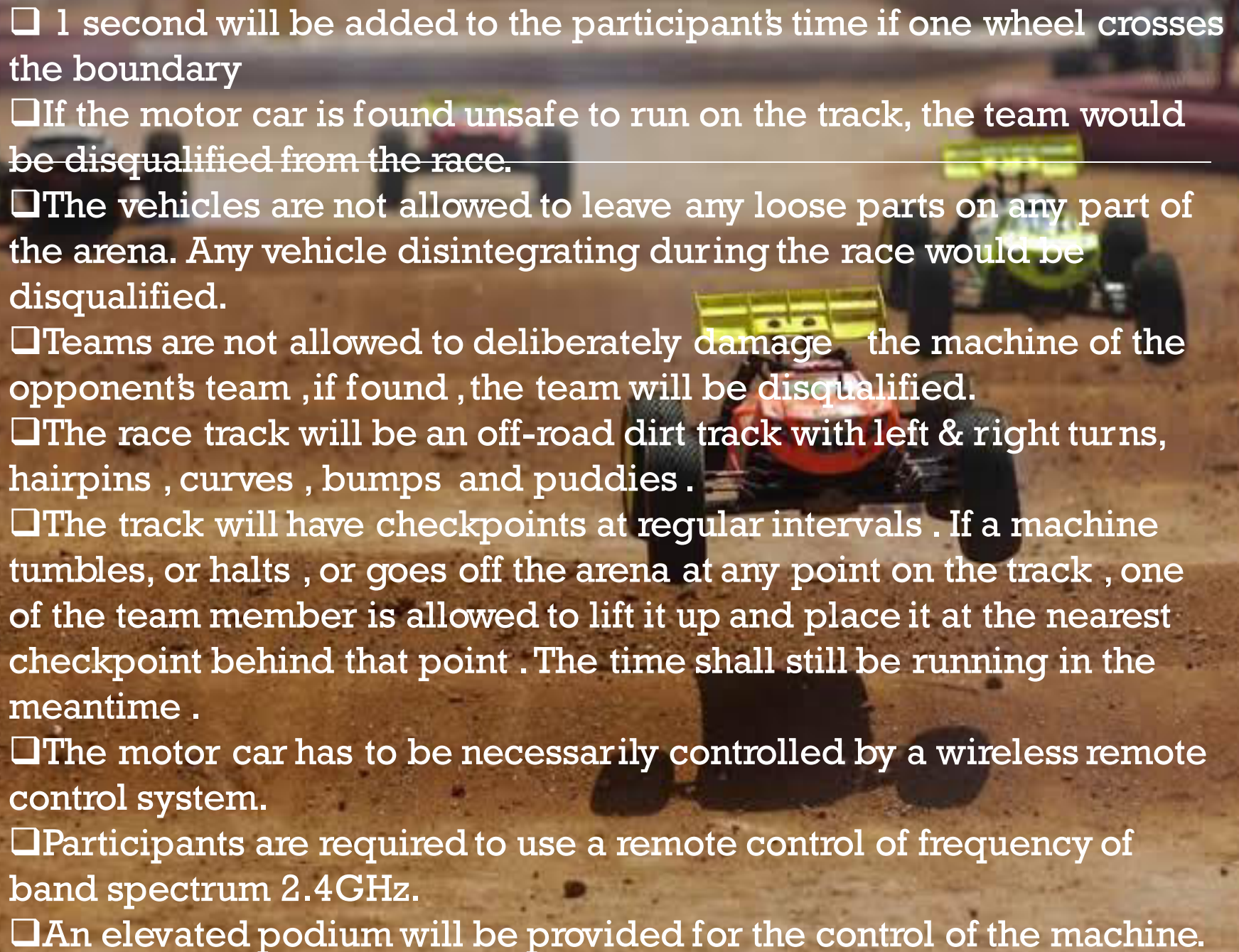
- TASK
- RULES & REGULATIONS
- STAGES OF THE EVENT
- MOTOR CAR DIMENSIONS

➤ TASK

- The Car Build by given dimensions and specification will be allowed for Game.
- The Round will be decided according to groups Participated.
- The Car Which Gain Maximum Point will be the Winner.

Rules and Regulations

- 
- A 1/10 scale radio-controlled car, primarily orange and black with blue accents, is shown on a reddish-brown dirt track. The car is a touring car style with a visible roll-over protection structure (ROPS) and a driver figure. It is positioned diagonally across the frame, facing towards the upper left. The background is a blurred dirt surface, suggesting motion or a shallow depth of field.
- ❑ Must be 1/10 scale.
 - ❑ Results will be based on points.
 - ❑ Participants group can be upto 4 members.
 - ❑ We do not allow truggies.
 - ❑ Organiser's decision is final.
 - ❑ Electric motor cars only.
 - ❑ Full throttle only.
 - ❑ Failure to restore the car on the call of organisers will lead to disqualification.
 - ❑ Reverse is allowed.
 - ❑ Marshalls must stay to the outside of the track untill needed to avoid disqualification.
 - ❑ Tires must be of Rubber or Foam.

- 
- ❑ 1 second will be added to the participant's time if one wheel crosses the boundary
 - ❑ If the motor car is found unsafe to run on the track, the team would be disqualified from the race.
 - ❑ The vehicles are not allowed to leave any loose parts on any part of the arena. Any vehicle disintegrating during the race would be disqualified.
 - ❑ Teams are not allowed to deliberately damage the machine of the opponent's team, if found, the team will be disqualified.
 - ❑ The race track will be an off-road dirt track with left & right turns, hairpins, curves, bumps and puddles.
 - ❑ The track will have checkpoints at regular intervals. If a machine tumbles, or halts, or goes off the arena at any point on the track, one of the team member is allowed to lift it up and place it at the nearest checkpoint behind that point. The time shall still be running in the meantime.
 - ❑ The motor car has to be necessarily controlled by a wireless remote control system.
 - ❑ Participants are required to use a remote control of frequency of band spectrum 2.4GHz.
 - ❑ An elevated podium will be provided for the control of the machine.

Stages of event

It will be held in two stages:

- Prelims
- Final round

Prelims:

- ☐ All teams will have to compete in a time trail.
- ☐ Each team will be given a run of 2 individual laps & the best lap time will be considered.

Final rounds:

- ☐ This will be primarily a knockout round.

Head to head knock out races would be held to determine the Winner.

Motor car dimensions



- Must be of 1/10 Scale.
- Can be of any type, i.e., cars or trucks.
- Chassis, steering mechanism, shock towers, suspensions, have to be built by the participants themselves.
- Motor cars must be wireless.
- The car will be checked by proper throttle control.
- The power supply to the motor must not exceed 12V Dc.

Registration Fees- 500/-

~~Prize worth- 10000/-~~

Venue-SSGI bus parking

Contact details of Event head-

Krishnakant -7987613644

Vikas-7987523501