



ROBOMANIA
2K24

PMEC, BERHAMPUR



RULE BOOK

ROBO RACE

ROBOSTREAKS CLUB

**PARALA MAHARAJA ENGINEERING COLLEGE, BERHAMPUR SITALAPALLI,
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www.robostreakspmec.com



ROBO RACE

INTRODUCTION :

Make a vehicle that is capable of traversing different terrain and different path, taking sharp turn, climbing hills, moving precisely and quickly completing the path by clearing all the obstacles and traps.

ROBOT SPECIFICATION:

- The bot can be wired or wireless.
- Bot should not exceed $30 \times 30 \times 20$ (l*b*h) (in cm) tolerance of 5% can be allowed.
- Weight of the bot should not exceed 3 kgs.
- Bot can use maximum 12V DC source, power supply of 220V/240V, 50Hz AC supply will be provided.
- Adapter should be compatible with 220/240V.
- Use of IC engines, Lego kits and readymade things are not allowed.
- Use of potentiometers/ speed controlling devices are not allowed.

TEAM SPECIFICATION :

- A team should have minimum of 2 and maximum of 4 members.
- Each team should have a TEAM LEADER and have an appropriate TEAM NAME.



- Students from different educational institutes can form a team but no pass out students are allowed.
- All Diploma/UG/PG students pursuing their courses must be present with their valid ID card of their college are only eligible for the event.

ARENA SPECIFICATION:

- The track may contain hanging bridges, inclined plane, fire, water, rotating discs, ramps, etc.
- The arena is designed with the perspective of a 30*30*20(cm) bot.

GAME RULE :

- Top teams will be qualified for the semifinals.
- Only if score ties, the team with the least amount of time will be given higher priority.
- Teams will have to complete the arena within 10 mins. Penalty points will be added if time exceeds.
- Only two members of a team are allowed to enter into the arena. No modification of bot is allowed after entering into the arena.
- Decision of the judges will be the final decision.

NOTE :

- Exceeding the mentioned dimensions and damaging the arena will lead to disqualification of the team.
- All Diploma/UG/PG students pursuing their course with a valid Identity card of their college are only eligible for this event.



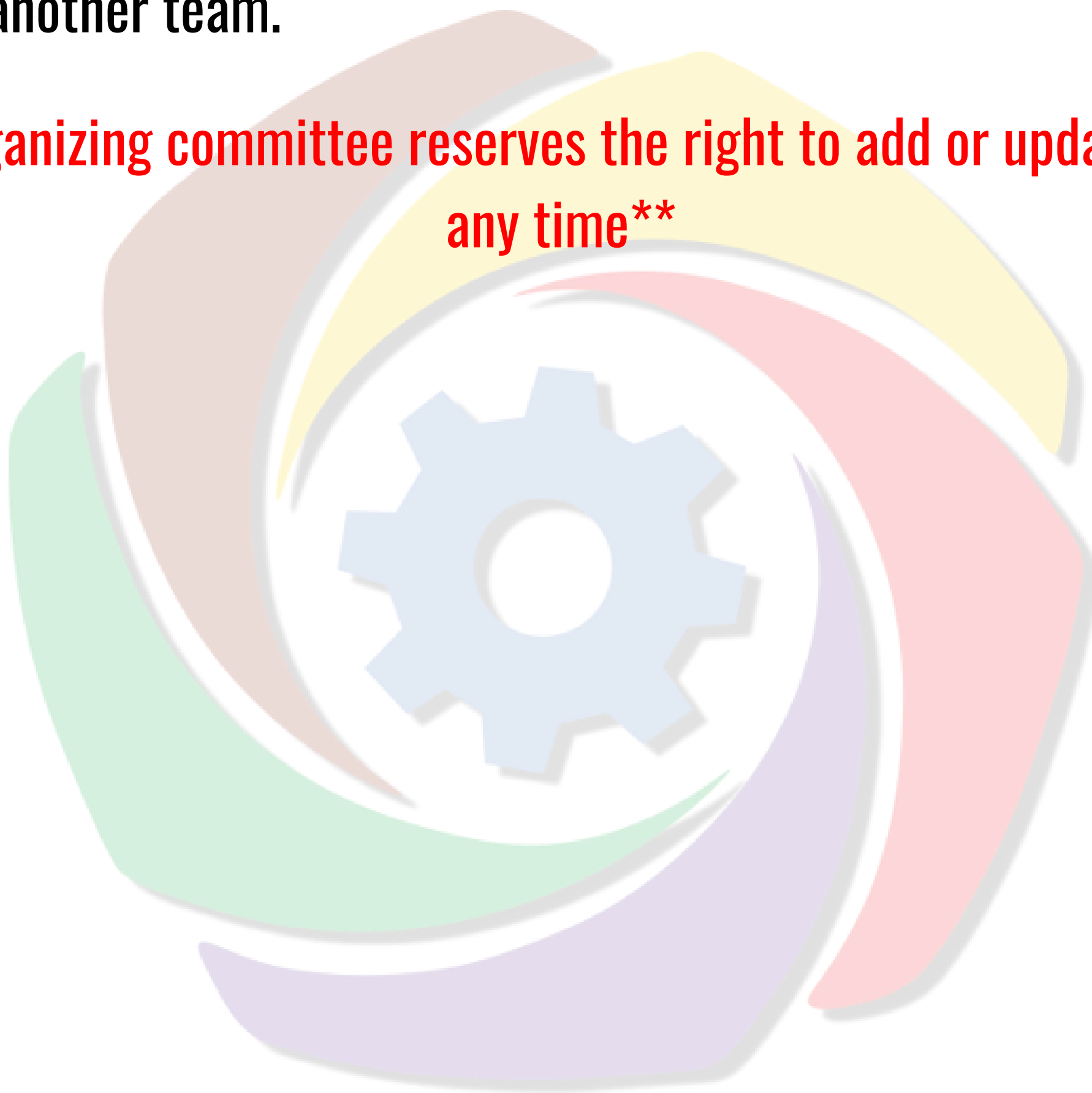
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- In a competition one contestant can only be in one team.
- Cash prizes and Certification will be awarded to the winning team & Runner's up team.
- Event Registration is Free of Cost.
- Once registration is complete you can not change, split or merge with another team.

****The organizing committee reserves the right to add or update rules at any time****





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EXCITING PRIZE POOL OF RS.15,000

1ST PRIZE

RS.7,000

2ND PRIZE

RS.5,000

3RD PRIZE

RS.3,000



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HERE**



OR

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