

Robo Race Rules

TECHYON 2024

- 1. A TEAM CAN COMPRISE OF A MAXIMUM OF 4 MEMBERS.**
- 2. REGISTRATION WILL BE CONFIRMED UPON PAYMENT OF THE ENTRY FEE ONLY**
- 3. ENTRY FEE WILL NOT BE REFUNDED ONCE REGISTRATION IS COMPLETED.**
- 4. NO EXTERNAL POWER SUPPLY WILL BE PROVIDED TO THE PARTICIPANTS.**
- 5. AN INDIVIDUAL CANNOT BE A MEMBER OF MORE THAN ONE TEAM AND A ROBOT CANNOT BE SHARED BY TWO OR MORE TEAMS.**
- 6. IF A TEAM HAS 2 OR MORE BOTS, THE BOTS MUST BE UNIQUE.**
- 7. RE-ENTRY WILL BE ALLOWED.**
- 8. A PENALTY OF 5 SEC WILL BE ADDED TO THE EXISTING TIME FOR TOUCHING THE BOT IF IT FALLS FROM THE TRACK AND 20 SEC FOR SKIPPING A CERTAIN OBSTACLE. AND 5 SEC TIME PENALTY FOR TOUCHING THE LINES**
- 9. THE ROBOTS CANNOT BE CONSTRUCTED OUT OF READYMADE KITS**
- 10. AVAILABLE IN THE MARKET.**
- 11. PULLING OF ROBOTS WITH CONNECTED WIRES ON TRACK WILL LEAD TO**
- 12. DISQUALIFICATION.**
- 13. THE ROBOT SHOULD NOT BE DISASSEMBLED UNTIL THE RESULTS ARE DECLARED.**
- 14. FAILURE TO COMPLY WITH THE RULES OR PARTAKING IN UNFAIR MEANS WILL LEAD TO DIRECT DISQUALIFICATION**
- 15. THE COORDINATORS DECISION IS FINAL.**
- 16. COORDINATORS HOLD THE AUTHORITY TO CHANGE ANY RULES AND REGULATIONS DURING THE EVENT.**

Robot specification

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| ➤ THE WEIGHT OF THE BOT SHOULD NOT EXCEED 5 KG. |
| ➤ THE ROBOT CAN BE POWERED ON BOARD OR OFF BOARD. |
| ➤ THE POTENTIAL DIFFERENCE BETWEEN ANY TWO ELECTRICAL POINTS ON THE ROBOT MUST NOT EXCEED MORE THAN 18 VOLTS THROUGHOUT THE RUN |
| ➤ FOR WIRELESS COMMUNICATION, PARTICIPANTS MUST HAVE AT LEAST 5 METERS OF RADIO RANGE, IT IS RECOMMENDED TO KEEP DUAL FREQUENCIES FOR COMMUNICATION |
| ➤ BOT DIMENSIONS ARE 30l*30b*30h |