

RoboRoarZ Singapore 2025 Competition Rules

Context

Welcome to the Transportation Robotics Challenge, an exciting competition designed to assess the agility, creativity, and problem-solving skills of transformer robots. The Transformer Robotics Competition focused on transportation challenges teams to design and build robots that can seamlessly transition between various modes of ground travel. Participants will create versatile robots capable of navigating different terrains, such as urban streets, and obstacle-laden courses, showcasing their adaptability and engineering creativity. This event fosters collaboration, creativity, and technical skills, encouraging participants to explore the future of robotics in transportation. We look forward to an exciting display of cutting-edge technology and engineering excellence as teams compete for the title of best transformer robot in land transportation!

General Guidelines:

1. These rules are intended for the participants to create opportunities to innovate and test new ideas which are fundamental to gaining confidence as an engineer.
2. The competition referees and staff will make final scoring judgment calls and rules implementations.
3. The competition is open to students currently enrolled in upper primary (10-12 years old), secondary (13-17 years old), senior (16-20 years old) and tertiary category (20 years old and above)
4. Participants should consist of teams of 5 people.
5. All robots are subject to inspection prior to their competition run.
6. Participants are to maintain civility throughout the competition period. Excessive noise or harm to participants or competition infrastructures may result in disqualification.
7. The right to stop a run, declare disqualification, or give instructions as appropriate is held by the competition referees and staff.
8. Organizers reserve the right to change the rules without prior notice. The decisions of the organizers and judges are final.

Gameplay

The gameplay and rules will be disclosed on the first day of the competition.