Introduction

The Future Engineers category of the World Robot Olympiad Bangladesh (WROBd) challenges participants to create fully autonomous **Self-Driving Car** that address real-world problems through advanced engineering.

Team and Age Groups Definitions

- A team consists of 2 or 3 students.
- A team is guided by a coach. (Not mandatory for regional and national round, but we strongly suggest it)
- 1 team member and 1 coach are not considered a team and cannot participate.
- A student may only participate in one team for the same segment.
- The minimum age of a coach at an international event is 18 years old.
- Coaches may work with more than one team.
- Participants must be born between **2003 and 2011** (Ages 14–22 in 2025).

Registration Fee

- The **total registration fee** for participating in the WROBd 2025 competition is **2000 taka per team**.
- Teams must pay an initial amount of **500 taka at the time of registering for the Regional Round**.
- If a team is **selected for the National Round**, they will be required to pay the **remaining 1500 taka** before the national event.
- All fees are **non-refundable**, and failure to pay within the stipulated deadline may result in **disqualification** from the competition.

Regional Round Format

In the Regional Round, teams are required to complete **only the "Open Challenge rounds"** as outlined in the official international rulebook.

- Teams **must build their robot** (car) strictly in accordance with the specifications and constraints defined in the WRO 2025 International Rulebook for the Future Engineers category.
- The Regional Round is a **one-day event**.
- Each team will be allotted **two hours** of **robot calibration time** in the arena prior to their first run.
- Teams will have **two timed attempts** on the Open Challenge course; **only their best score** will be recorded.
- Between these two attempts, there will be an additional **one-hour calibration period** to allow adjustments and fine-tuning.

The following are not required for the Regional Round:

- No **Obstacle Challenge rounds**
- No document submission
- No technical handbook or software documentation

The official **WRO 2025 International Rulebook** for Future Engineers category is provided here.
The **Game Mat File** is provided here.

[**Note:** The Regional Round is designed to serve as an entry point into the full international competition. Teams selected for the National Round must be prepared to follow the complete international rulebook.]

Event Day Guidelines & Regulations for All Teams

To ensure a smooth and fair experience for all participating teams during the event, the following rules and instructions must be strictly followed:

Setup and Equipment

- Each team is responsible for bringing all necessary equipment for setting up, running, and maintaining their self-driving car. This includes (but is not limited to):
  - Laptops and programming tools
  - Power supplies (e.g., power banks, batteries, chargers, extension cords)
  - Any spare parts or repair tools
- Power sockets may be available in limited numbers. Teams should prepare accordingly with their own multiplug adapters.

Venue Rules and Safety

- Teams must maintain cleanliness and safety inside the venue at all times.
- All devices must be operated safely, without risk to others or property.
- Running, loud noise, aggressive behavior, or disruptive actions are strictly prohibited.

Rule Modification Clause

- The organizing committee reserves the right to modify, suspend, or implement any new rules during the event as deemed necessary to maintain fairness, safety, or flow of the competition.

Judging and Final Decisions

- The decision of the judging panel will be final and binding.
- No appeals, re-evaluations, or score adjustments will be entertained once results are declared.

Code of Conduct

- Any form of improper behavior or disrespect shown by a participant toward judges, organizers, hosts, volunteers, or other teams will result in:
  - Immediate penalty for the entire team (score deduction, time penalties, etc.), or
  - Disqualification from the event depending on the severity of the offense.
- Participants are expected to maintain professionalism, sportsmanship, and mutual respect throughout the event.

Learning is Most Important

WROBd wants to inspire students around the nation for STEM related subjects and we want the students to develop their skills through playful learning in our competitions. This is why the following aspects are key for all our competition programs:

- Teachers, parents or other adults can help, guide and inspire the team but are not allowed to build or code/program the car.
- Teams, coaches and judges accept our WRO Guiding Principles and WRO Ethics Code to ensure a fair and rewarding competition for all.
- On a competition day, Teams and Coaches respect the judges' final decision and work with other teams and judges on ensuring a fair competition.

More information on the WRO Ethics Code here.