



**INDIA**

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## **Future Engineers Guidelines 2026**

### **National Championship**

#### **A. Competition Flow**

The competition is conducted over three days with structured rounds and surprise rule integration.

**Day 1:** Practice sessions.

**Day 2:** Competition Round 1 & Surprise Rule may be introduced.

**Day 3:** Multiple competition rounds.

#### **B. Robot Requirements**

- Fully autonomous vehicle
- No remote control allowed
- Must be built and programmed by team

#### **C. Technical Expectations**

- Any hardware/software allowed
- Must demonstrate sensors, decision-making, and control logic
- Should reflect strong engineering design

#### **D. Code Submission & GitHub Repository Guidelines**

- Teams must maintain a public GitHub repository
- Include all code (with comments) and relevant design files
- Teams are advised to share the GitHub repositories 1 month prior to the competition.
- **Important:** Teams are not allowed to make any changes in the GitHub repository 2 weeks prior to the competition.



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#### **E. Robot Inspection**

- Mandatory inspection before runs
- Judges verify size, hardware, safety, and autonomy
- Only approved robots can compete

#### **F. MathWorks Modeling Award Criteria**

The MathWorks Award is open to all teams in the Future Engineers category. To apply for the award:

- Future Engineers teams must share their models and code on GitHub, along with clear and effective documentation. The README file should include well documented explanations and illustrations to help reviewers understand the project.

**To know more about the MathWorks Modelling Award Criteria, please refer to the link below:**

[https://wro-association.org/wp-content/uploads/MathWorks-Modeling-Award-Scoring-Rubric\\_250812.pdf](https://wro-association.org/wp-content/uploads/MathWorks-Modeling-Award-Scoring-Rubric_250812.pdf)