Build a Robot Competition – Rules and Regulations

Welcome to the **Build a Robot** competition! We're excited to see your creativity and innovation in building robots for usable purposes. Please carefully read the rules and guidelines below to ensure your participation.

General Information

1. **Registration Deadline:**
    - All participants must register online before **30th Sep 2025**.
    - The registration form is available on our official website: https://shaastrotsav.com/etn/build-a-robot-competition/
2. **Submission of Video Evidence:**
    - Participants must submit a video (maximum duration: **2 minutes**) showing that the robot was assembled/build by them.
    - The video must clearly demonstrate the robot's assembly process, design, and basic functionality.
    - **Deadline for video submission: 31st October 2025.**
    - Videos can be submitted via **wetransfer.com** or any similar file transfer service to **shaastrotsavnsscea@gmail.com** **or** Info@shaastrotsav.com.
    - Organizers may contact participants if a video is not received, incomplete, or unclear.
    - Participants are required to resubmit or provide additional video evidence as requested by the organizers.

3. **Event Date and Venue:**
    - Participants must bring their robots to the **Shaastrotsav venue.**
    - **Date, location and time will be announced in the website.**
    - Judges will evaluate the robots at the venue based on predefined criteria.

Robot Specifications

1. **Purpose and Design:**
    - Robots can be built for any **usable purpose** (e.g., automation, assistance, entertainment, safety, education, etc.).
2. **Size and Weight:**
    - Robots should not exceed **2m x 1m x 1m in size**. Weight must be reasonable to ensure portability to the venue. Participants must arrange the transportation inside and outside of the venue.
3. **Power Source:**
    - All robots shall be powered by **batteries** (rechargeable or normal). In case of external AC power supply is required, it must be informed at least by 30th Oct 2025.
4. **Autonomy:**
    - Robots must be either semi-automatic or fully autonomous.

Evaluation Criteria

Judges will evaluate the robots based on the following:

1. **Complexity of Building:**
    - Innovative use of materials, unique assembly methods, and problem-solving techniques.

2. **Purpose of the Robot:**
    - Clarity and practicality of the robot's intended use or functionality.
3. **Aesthetic Appeal:**
    - Design creativity, neatness, and overall visual appeal.
4. **Smooth Working During Demo:**
    - The robot’s performance during a live demonstration, including reliability, smoothness of operation, and responsiveness.
5. **Originality:**
    - Robots shall be original creations. Copied or pre-assembled kits will be evaluated accordingly.
6. **Knowledge of the Team:**

    Judges will interact with participants to assess their understanding of their robot’s design, functionality, and purpose. Teams should be prepared to explain their thought process, technical choices, and innovations.

Participation Guidelines

1. **Team Composition:**
    - Participation is allowed as an individual or in teams of up to **4 members**.
    - Each participant can only be part of **one team**.
2. **Mandatory Presence:**
    - At least one team member must be present at the venue to demonstrate the robot during judging.
3. **Safety Compliance:**
    - Robots must be safe for operation and handling. Any robot deemed unsafe will be disqualified.
4. **Demonstration:**
    - Teams will have **5 minutes** to set up and demonstrate their robots.

5. **Prohibited Actions:**
    - Use of fire, explosives, or any harmful or unethical actions in robot functionality is strictly banned.

Important Dates

- **Registration Deadline:** 30th Sep 2025
- **Video Submission Deadline:** 31st Oct 2025
- **Event Date:** Nov 2025 – Date will be declared in website
- **Event Venue:** TBD – Refer website

Contact Details

- **Website:** https://shaastrotsav.com/
- **Email:** shaastrotsavnsscea@gmail.com

Additional Notes

- Ensure your contact details are accurate and updated during registration.
- The organizers reserve the right to amend rules or disqualify entries that do not comply with the guidelines.
- Have fun and let your creativity shine!