

ROBOTICA 25 – National Level Robotics Competition 2025

We are thrilled to announce the sixth edition of the National Level Robotics Competition, "**ROBOTICA 25**," scheduled for **February 7, 2025, at VIT University, Vellore**. This competition is a prestigious platform for students to demonstrate their engineering skills, innovation, and creativity in the field of robotics.

Event Details:

- **Date:** February 7, 2025
- **Venue:** VIT University, Vellore, Tamil Nadu
- **Registration Fee:** Rs. 800 per team
- **Team Size:** Maximum of 2 members per team

Competition Theme and Project Guidelines:

All projects should be designed around one of the following **themes**:

1. **Green Technology:**

- Develop robotics solutions that promote sustainable and eco-friendly practices, such as renewable energy projects or waste reduction technologies.

2. **Health Care:**

- Design robots that improve medical services or assist in healthcare. This could include robotic surgery assistants, patient monitoring devices, or rehabilitation robots.

3. **Artificial Intelligence & Robotics:**

- Projects focusing on integrating AI with robotics to create systems capable of learning, decision-making, and adapting to different situations.

4. **Waste Management:**

- Propose robotic solutions that enhance the process of waste sorting, recycling, and disposal, contributing to more efficient and eco-conscious waste management.

5. **Space Exploration:**

- Create robots designed for space missions, either for exploration, research, or maintenance tasks in outer space.
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6. Climate Change:

- Design robotics that address or mitigate the effects of climate change, such as robots for reforestation, pollution monitoring, or renewable energy generation.

Project Construction Guidelines:

- **Materials:** Use sturdy and durable materials for the construction of your project. The use of materials like cardboard or thermacol is strictly prohibited.
- **Design:** Ensure that the project design is functional and durable, able to withstand practical testing and demonstrations.

Registration Process:

- **Fee:** Rs. 800 per team
- **Deadline:** November 25, 2024
- **How to Register:** <https://robotica.org.in/> / Manual registration with in charge staffs

Contact Information:

For any queries or additional information, please reach out to **robotica25@otomatiks.in**.

We highly encourage students and robotics enthusiasts to participate in **ROBOTICA 25** and showcase their talents. This is an excellent opportunity to compete at a national level and push the boundaries of innovation.

We look forward to seeing your incredible projects!

Best regards,

Team Otomatiks

Robotica-25 Planning Committee

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