

**Event :**

To display the robotics projects on the concept of smart cities, which help our society and make our lives easier.

**Structure:**

**Team:** Max 4 participants per team

**Entry Fee:** Free

**Event Structure:**

1. The theme for this year's competition is **Smart City**.
2. Students can use any kit with any type of microcontroller (Arduino UNO, Arduino Nano, Arduino Mega etc.)
3. Members of a team may be from the same school or a different
4. Any number of teams can participate from one school
5. For students in grades II to XII
6. There are 2 rounds for this zonal competition
  - a. **1st Round:** The first round will be an online round and the participants should build the robot under the title of smart city and post it on YouTube. Shortlisted participants will be invited to the 2nd round of this zonal competition.
  - b. **2nd Round:** The second round will be conducted at the IISc Bangalore venue for demonstration. The Robotics Project implemented with the most creative and innovative ideas will have a high chance of winning. Bonus points would be awarded for the Robotics Project Presentation.

**Project Submission Guidelines for Round 1:**

1. The video should not be longer than 5 mins
2. The video should clearly demonstrate the functioning of the robotics project
3. The video should be a self-shot one. Usage of online & readymade videos is not allowed.
4. The video should be uploaded to YouTube with the below format
5. Video Title: {Project Name} by {Student Name} for Playto Labs
6. Video Format: Introduction to team members or self, Purpose of the project, Project Explanation & Project Demonstration
7. Video Description: Add the details of the project & Team Members names (if any)
8. Note: Only YouTube video links will be accepted for the online submission. You can make the video as unlisted if you don't want the video to be public
9. Submit your application for Round 1 here: <https://tinyurl.com/iisc-blr-zonal-submission> or click on the Register button given in this page.

**2nd Round:**

The second round will be conducted at the Indian Institute of Science, Bangalore for demonstration.

The Robotics Project implemented with the most creative and innovative ideas will have a high chance of winning.

Bonus points would be awarded for the Robotics Project Presentation.

### **How to submit the project for the 1st round?**

Submit here For IISc Bangalore: <https://tinyurl.com/iisc-blr-zonal-submission>

Note: If multiple entries are submitted, the latest one will be considered for the shortlisting.

### **Important Dates:**

Last date for online submission: on or before 11:59 PM, 13 Nov'23

Announcement of shortlisted students for IISc Bangalore Zonal: 14 Nov'23

Zonal Event at IISc Bangalore: 19 Nov'23(venue & timing will be announced to shortlisted students)

### **FAQs:**

1. How many people can be there in one team?  
There can be 4 members in a group.
2. Is it free to register?  
Yes, It is free to register
3. Can a team have members from different schools?  
Yes, a team can have members from different schools