AY 2026-27

Age group
5 - 15 Years

IN-PERSON CLASS

Indian Robotics Olympiad

Foundation & Training Program by ROBO-G

INDIAN ROBOTICS OLYMPIAD

AWESOME SINCE 2015

ROBO-G
Learn to Build, Design and Program Robot

IN-PERSON CLASS

Indian Robotics Olympiad

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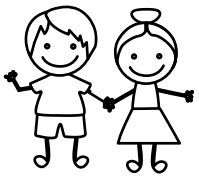

Age group

5 - 15 Years

About IRO

The Indian Robotics Olympiad (IRO) is a prestigious competition that showcases the innovation and technical prowess of young minds across India. It serves as a platform for students to demonstrate their skills in robotics, programming, and problem-solving.

IRO, an initiative pioneered by ROBO-G, is exclusively organized by ROBO-G itself. Additionally, ROBO-G serves as the official training partner for IRO.

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Foundation Program for Indian Robotics Olympiad

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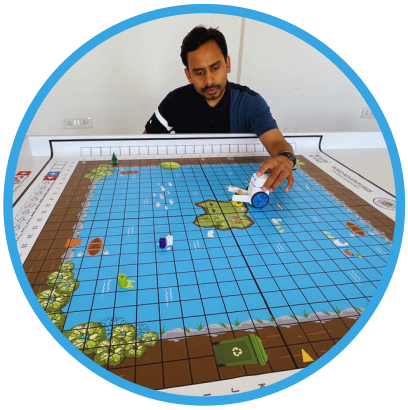
1. Foundation Program for Indian Robotics Olympiad

Robo Adventures - Explores Category

Every year, it is observed that many students face difficulty in solving Olympiad challenges due to weak fundamentals and unclear basic concepts. To address this gap, ROBO-G is introducing a Foundation Program for Olympiads, designed to build strong core skills and boost students' problem-solving confidence.



This program helps students (aged 5–7 years) prepare for Indian Robotics Olympiad (Robo Adventures - Explorers Category). Through structured training and hands-on learning, students will gain the confidence to tackle real Olympiad challenges effectively.

Age group: 5 - 7	No. of students in a batch: 6
Class mode: In-person	No. of levels: 1 (8 sessions each)
Class frequency: twice a week	Session duration: 1 hour
Fee per student: ₹ 7,500 per level (inclusive of all)	Student & kit ratio: 1:1

Course flow

Required Materials

- Kubo Robotics kit and other olympiad setup will be provided during training.

Content

- Routes
- Functions
- Subroutines
- Recursive Functions
- Loop
- Solving the IRO 2024 Challenges

Evaluation test, certificate of completion & medal

- An evaluation test is administered at the end of each level to ascertain suitability for progression.
- The evaluation test includes practical questions.
- Each participant will receive a certificate of completion and medal (Bronze, Silver or Gold) based on the percentage of total marks scored in the test.
- 25% to <50% → Bronze Medal, 50% to <75% → Silver Medal, 75% and above → Gold Medal.

2. Foundation Program for Indian Robotics Olympiad

Robo Adventures - Innovators Category

Every year, it is observed that many students face difficulty in solving Olympiad challenges due to weak fundamentals and unclear basic concepts. To address this gap, ROBO-G is introducing a Foundation Program for Olympiads, designed to build strong core skills and boost students' problem-solving confidence.

This program helps students (aged 7–10 years) prepare for Indian Robotics Olympiad (Robo Adventures - Innovators Category). Through structured training and hands-on learning, students will gain the confidence to tackle real Olympiad challenges effectively.

Age group: 7 - 10	No. of students in a batch: 8
Class mode: In-person	No. of levels: 1 (8 sessions each)
Class frequency: twice a week	Session duration: 1.5 hour
Fee per student: ₹ 12,000 per level (inclusive of all)	Student & kit ratio: 1:1

Course flow

Course Begins → Parent-Teacher Meeting (after 8 sessions) → Course Completion → Report Card & Feedback Sharing → Certificate & Medal Distribution

Required Materials

- Get your Laptop (Arduino Alvik Robotics kit and other olympiad setup will be provided during training)

Content

- What is Alvik (Brain, Body, Sensors, Actuators)
- Deep Dive Programming Alvik
- Expanding the Robot
- Solving the IRO 2024 Challenges

Evaluation test, certificate of completion & medal

- An evaluation test is administered at the end of each level to ascertain suitability for progression.
- The evaluation test includes practical questions.
- Each participant will receive a certificate of completion and medal (Bronze, Silver or Gold) based on the percentage of total marks scored in the test.
- 25% to <50% → Bronze Medal, 50% to <75% → Silver Medal, 75% and above → Gold Medal.

3. Foundation Program for Indian Robotics Olympiad

Robo Adventures - Techies Category

Every year, it is observed that many students face difficulty in solving Olympiad challenges due to weak fundamentals and unclear basic concepts. To address this gap, ROBO-G is introducing a Foundation Program for Olympiads, designed to build strong core skills and boost students' problem-solving confidence.

This program helps students (aged 9-15 years) prepare for Indian Robotics Olympiad (Robo Adventures - Techies Category). Through structured training and hands-on learning, students will gain the confidence to tackle real Olympiad challenges effectively.

Age group: 9 - 15	No. of students in a batch: 8
Class mode: In-person	No. of levels: 1 (16 sessions each)
Class frequency: twice a week	Session duration: 2.5 hour
Fee per student: ₹ 42,500 per level (inclusive of all)	Student & kit ratio: 1:1

Course flow

Course Begins → Parent-Teacher Meeting (after 8 sessions) → Course Completion → Report Card & Feedback Sharing → Certificate & Medal Distribution

Required Materials

- Get your Laptop (LEGO Education Spike Prime kit and other olympiad setup will be provided during training)

Content

- Core Programming Concepts
- Building Strategy
- Solving the Main Challenges
- Solve Hidden Bugs
- Solving the IRO 2024 Challenges
- Digital Robot Design

Evaluation test, certificate of completion & medal

- An evaluation test is administered at the end of each level to ascertain suitability for progression.
- The evaluation test includes practical questions.
- Each participant will receive a certificate of completion and medal (Bronze, Silver or Gold) based on the percentage of total marks scored in the test.
- 25% to <50% → Bronze Medal, 50% to <75% → Silver Medal, 75% and above → Gold Medal.

4. Training Program for Indian Robotics Olympiad 2026

Robo Adventures - Explores Category

This year, young innovators will reimagine the future of amusement parks through robotics, coding, automation, and intelligent systems. From designing smart ride operations and automated safety checks to managing crowd flow and creating interactive robotic attractions, participants will explore how technology can make amusement parks safer, smarter, and more exciting.

Kubo the Park Helper has taken on the mission of transforming the park into a Smart Amusement Park, and he needs your help to make it smarter, safer, and more exciting! Let's assist Kubo in this journey by managing smart ride operations, ensuring automated safety checks, optimizing crowd flow, and maintaining park cleanliness with innovative robotic solutions.

Age group: 5 - 7	No. of students in a batch: 6
Class mode: In-person	No. of levels: 1 (16 sessions each)
Class frequency: Once a week	Session duration: 1 hour
Fee per student: ₹ 15,100 per level (inclusive of all)	Student & kit ratio: 2:1

Course flow

Required Materials

- Kubo Robotics kit and other olympiad setup will be provided during training.

Content

- After successfully completing the Foundation Program, students progress to working on the current year's IRO challenge. They apply the programming concepts and building techniques they've learned, while engaging in focused practice to prepare confidently for the National Championship.

IRO Team, age groups definitions & Registration Fee

- Students can participate **individually or in teams of two.**
- Explorers: students 5-7 years old in season 2026: **born years 2019-2021.**
- The IRO 2026 **registration fee is INR 12,000 per team**, which can be shared if participating as a team of two or paid in full for individual participation, and must be paid along with the training fee at the time of enrollment.

5. Training Program for Indian Robotics Olympiad 2026

Robo Adventures - Innovators Category

This year, young innovators will reimagine the future of amusement parks through robotics, coding, automation, and intelligent systems. From designing smart ride operations and automated safety checks to managing crowd flow and creating interactive robotic attractions, participants will explore how technology can make amusement parks safer, smarter, and more exciting.

Your mission is to design, build, and program a park protector robot to escort the engineer to the ride maintenance zone, install the safety barrier, transport the visitor from the resort to the amusement park, place the items in the locker, activate the ride's seat belt system, and open the emergency gate during the dry run.

Age group: 7 - 10	No. of students in a batch: 8
Class mode: In-person	No. of levels: 1 (16 sessions each)
Class frequency: Once a week	Session duration: 1.5 hour
Fee per student: ₹ 25,500 per level (inclusive of all)	Student & kit ratio: 2:1

Course flow

Required Materials

- Get your Laptop (Arduino Alvik Robotics kit and other olympiad setup will be provided during training)

Content

- After successfully completing the Foundation Program, students progress to working on the current year's IRO challenge. They apply the programming concepts and building techniques they've learned, while engaging in focused practice to prepare confidently for the National Championship.

IRO Team, age groups definitions & Registration Fee

- Students can participate **individually or in teams of two.**
- Innovators: students 7-10 years old in season 2026: **born years 2016-2019.**
- The IRO 2026 **registration fee is INR 12,000 per team**, which can be shared if participating as a team of two or paid in full for individual participation, and must be paid along with the training fee at the time of enrollment.

6. Training Program for Indian Robotics Olympiad 2026

Robo Adventures - Techies Category

This year, young innovators will reimagine the future of amusement parks through robotics, coding, automation, and intelligent systems. From designing smart ride operations and automated safety checks to managing crowd flow and creating interactive robotic attractions, participants will explore how technology can make amusement parks safer, smarter, and more exciting.

Your mission is to design, build, and program a park commander robot to transport visitors to the rides, move construction materials to the designated construction zone, escort the engineer to the maintenance zone, and turn off the main power lever of the amusement park at the end of the day.

Age group: 10 - 15	No. of students in a batch: 8
Class mode: In-person	No. of levels: 1 (16 sessions each)
Class frequency: Once a week	Session duration: 2 hour
Fee per student: ₹ 37,800 per level (inclusive of all)	Student & kit ratio: 2:1

Course flow

Training Begins → Parent-Teacher Meeting (after 8 sessions) → Training Completion → Final Robot Run Demonstration → Compete in the IRO National Round

Required Materials

- Get your Laptop (LEGO Education Spike Prime kit and other olympiad setup will be provided during training)

Content

- After successfully completing the Foundation Program, students progress to working on the current year's IRO challenge. They apply the programming concepts and building techniques they've learned, while engaging in focused practice to prepare confidently for the National Championship.

IRO Team, age groups definitions & Registration Fee

- Students can participate **individually or in teams of two.**
- Techies: students 10-15 years old in season 2026: **born years 2011-2016.**
- The IRO 2026 **registration fee is INR 12,000 per team**, which can be shared if participating as a team of two or paid in full for individual participation, and must be paid along with the training fee at the time of enrollment.

ROBO-G Classroom

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ROBO-G®

Learn to Build, Design and Program Robot

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