



Technology Olympiad

2nd Edition - Istanbul

Robotics Open Category

Project & Innovation:

Align your project with the season's theme and challenges. Be creative in your design and introduce a robotic solution that creatively addresses problems related to the season.

Research:

Conduct thorough research on problem-solving and find the optimal robotic solution. Document these research findings briefly and in bullet points on the poster, and explain them to the Judges.

Robotic Solution:

Build prototype with parts that move (motors), things that can sense (sensors), and a control system. Show that it can make decisions by itself and use engineering ideas in a smart way.

Code Efficiency:

Write a program that can operate your project with minimal errors, and explain it to the judges in a way that demonstrates your full understanding of it.

Prototype:

Present a reliable prototype with explanations and plans for improvement.

Poster:

Design a poster that explains your project, how you solve problems, and the role of robots and programming. Make it interesting by sharing your team's journey.

Presentation and Team Spirit:

Deliver a concise 5-minute presentation with a clear demonstration. Decorate the booth informatively, highlighting project details. Showcase technical understanding and quick-thinking during Q&A. Demonstrate teamwork, and independence throughout the process.

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Score Sheet / Middle

Aspect	Maximum Points	Achieved Score
Project		
Innovative Idea & Creativity	20	
Thorough Research	10	
Effective Application of Idea	10	
The poster is visually appealing and explanatory	10	
Robotics		
Robotic Solution Excellence	20	
Practical Use of Engineering Concepts	5	
Efficient Code	10	
Reliable prototype	15	
Presentation		
Engaging Presentation	10	
Technical Comprehension & Quick Thinking	5	
Exemplary Team Spirit	10	
Answering judges' questions to show understanding.	20	
Total Points	145	