



ROBOG

INTERNATIONAL

COMPETITION

in SAUDI ARABIA
2026



Event Introduction



The UBTECH ROBOG Competition is a global initiative established by UBTECH Robotics, a world leader in artificial intelligence and humanoid robotics. Designed as a forward-thinking platform, the competition brings together students, educators, and innovators to explore, create, and excel in the rapidly evolving fields of robotics and AI.



ROBOG serves as a dynamic environment for innovation, collaboration, and knowledge exchange. It empowers young minds from primary school through university by providing meaningful opportunities to engage with advanced technologies, develop practical skills, and showcase their creativity on an international stage.



The competition is built on a strong educational foundation, emphasizing quality-driven learning and the development of future-ready competencies. Its mission is to nurture scientific curiosity, critical thinking, and technological innovation, ultimately contributing to the growth of a new generation of problem-solvers and industry leaders.



ROBOG operates as more than just a competition—it is a comprehensive ecosystem supported by collaborations with leading educational institutions, industry experts, and globally recognized organizations. By aligning with authoritative partners and integrating diverse expertise, the event ensures high standards, impactful learning experiences, and broad international reach.

INTRODUCTION

Vision

Provide advanced technological innovation resources

Inspire young people's interest and love for technological innovation

Mission

Discover the talents and potential of young people and help cultivate scientific and technological innovation talents

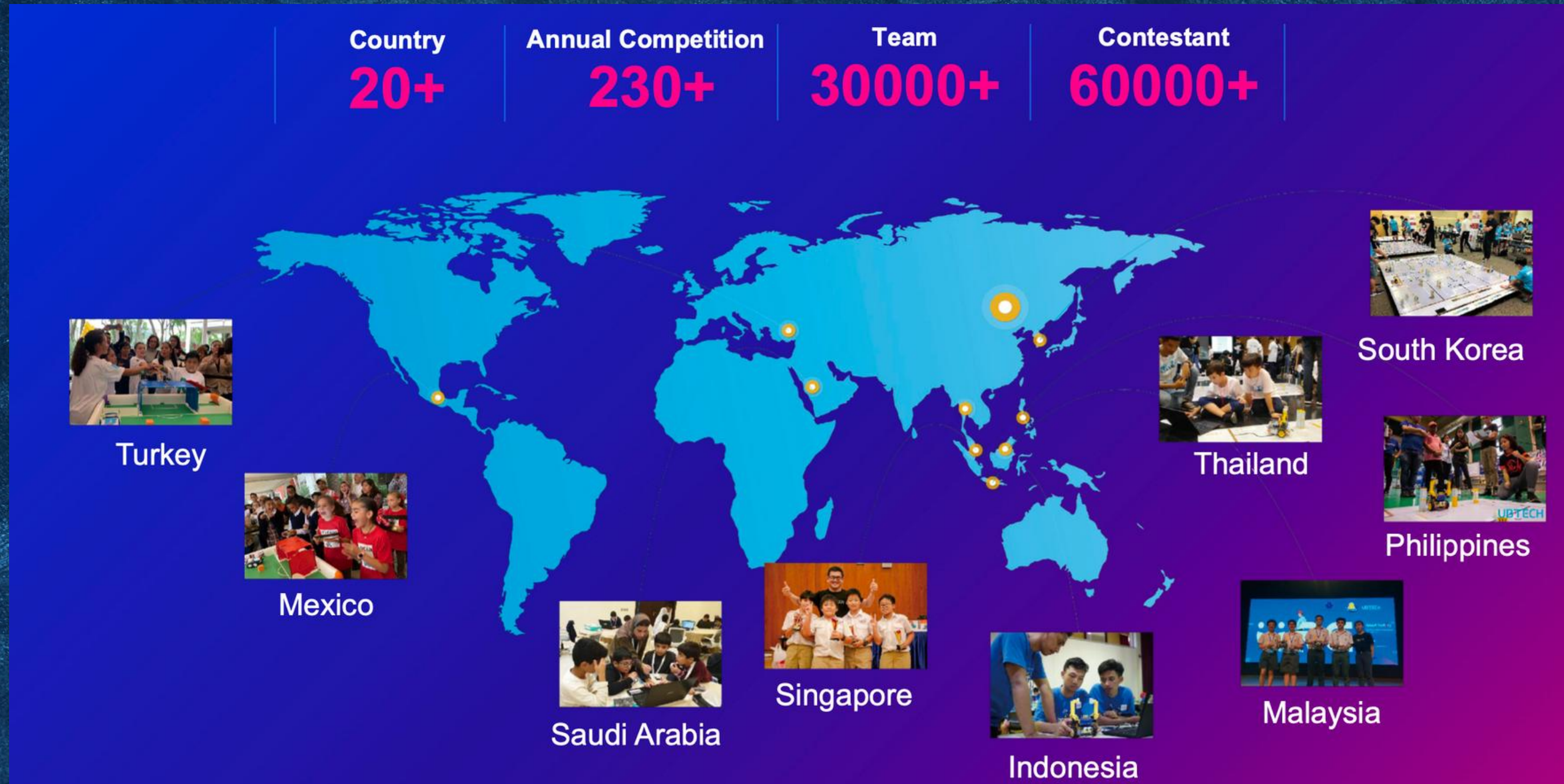
Value

Genuine · Grit · Group · Growth



INTRODUCTION

GLOBAL EVENT SIZE



Overview

Holding AI competitions can bring multiple benefits. It can stimulate the interest in AI study in students, improve their practical skills of solving problems, make assessments to their work, let them learn from teamwork and communication. For the organizer, it brings people's attention to its brand and location; for the educators, it displays the achievements of AI education.

An open area is required for the Event Center, as a national or international competition requires a space to hold thousands of visitors. When there is no competition, the area can be used for other activities, such as study tours or camps, special exhibitions, etc.

UBTECH has designed a rich competition system to meet the needs of students of different levels. 800 teams and 10,000 students from more than 15 countries and regions have participated in the Robo Genius Competition by the end of the year 2020.



OBJECTIVES



- ❑ To enable Saudi students to compete against top international teams, gaining valuable global exposure and competitive experience in robotics and AI.
- ❑ To promote the Kingdom's Vision 2030 by developing world-class skills in engineering, programming, critical thinking, and innovation among Saudi youth.
- ❑ To foster national pride and international recognition by showcasing the creativity, technical capabilities, and professionalism of Saudi robotics teams on a global level.
- ❑ To build cross-cultural understanding and international collaboration between Saudi students and participants from other countries.
- ❑ To inspire and prepare Saudi teams to achieve outstanding results in international robotics competitions, elevating the standard of robotics education within the Kingdom.



PLANET & SUPER ACTION





Proposed Competition Events and Scale

The Saudi Arabian National Competition

Super Action



Primary School

uKit AI

2 Team Member+1Mentor



Level

Product

Team Member

Planet Action



Secondary School
& High School

UGOT

2 Team Member+1Mentor



Super Action Brief Introduction

Super Action Kit*2



Super Action Venue Kit*1



Type	2V2 Robot Comprehensive Strategy Competition
Product	uKit AI
Equipment	Super Action Kit*2 Super Action Venue Kit*1
Level	Primary School
Tasks	1. Flipping energy magnetic loops ; 2. Transporting energy cubes ; 3. Collecting energy magnetic rings ; 4. Collecting energy balls ; 5. Setting up signal tower



Logic Programming

Through a combination of strategic design and actual debugging, the contestant uses their reasonable logical architecture to guide the robot to accomplish the task and optimize the scoring.



Creative Construction

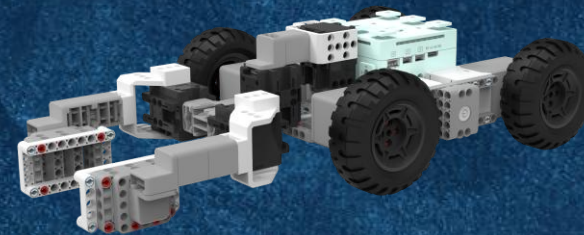
The competition involves creative assembly techniques that will allow for a diverse range of robot forms to be displayed in robot competition, thereby enhancing its flexibility.



Ornamental and Confrontational

Both sides demonstrated an intelligent strategy and superior execution during the competition, making it highly entertaining and competitive.

Super Action Brief Introduction

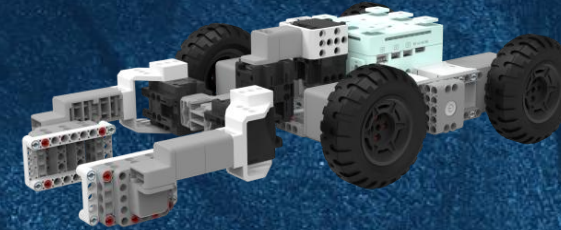
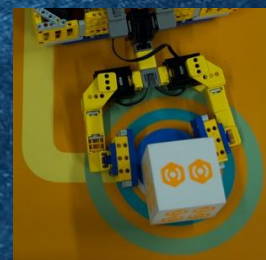


1min

Stage 1

Primary
Tasks

- Flipping magnetic energy loops
- Transporting energy cubes



4min

Stage 2

Primary
Tasks

- Collecting energy balls
- Collecting magnetic energy loops
- Setting up signal tower



Planet Action Brief Introduction

AI City Guardian Kit*2 +UGOT Gear Motor kit*1



Planet Action Venue Kit*1



Type	2V2 Multi-mimetic Robot Competition
Product	UGOT
Equipment	AI City Guardian Kit*2 + UGOT Gear Motor kit*1 Planet Action Venue kit*1
Level	Secondary School
Tasks	1. Pushing Balls ; 2. Obtaining QR Code Information ; 3. Recognising Dolls ; 4. Transporting Cubes ; 5. Ascending to High Platform ; 6. Throwing Balls ; 7. Striking Outpost Loop ; 8. Striking Flag ; 9. Stacking Cubes



Logic Programming

Through a combination of strategic design and actual debugging, the contestant uses their reasonable logical architecture to guide the robot to accomplish the task and optimize the scoring.



Multi-mimetic Construction

The competition requires different forms of robots. The engineer vehicle and the transforming car need to cooperate to finish tasks.



Ornamental and Confrontational

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Planet Action Brief Introduction



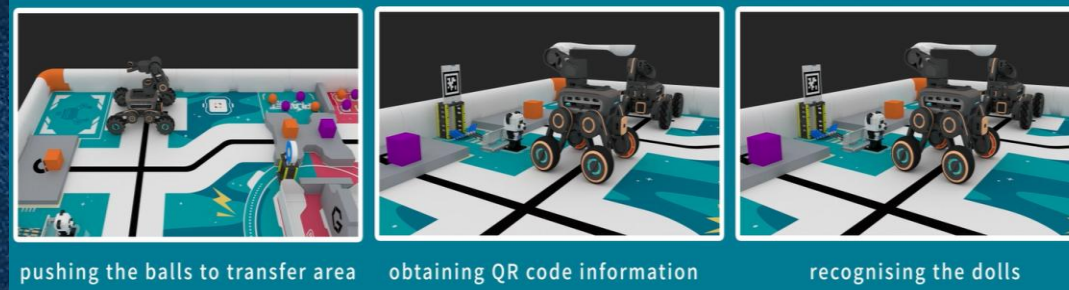
1min

4min

Stage 1

Stage 2

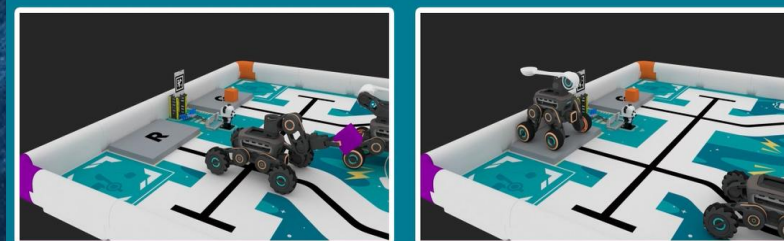
Secondary Tasks



pushing the balls to transfer area

obtaining QR code information

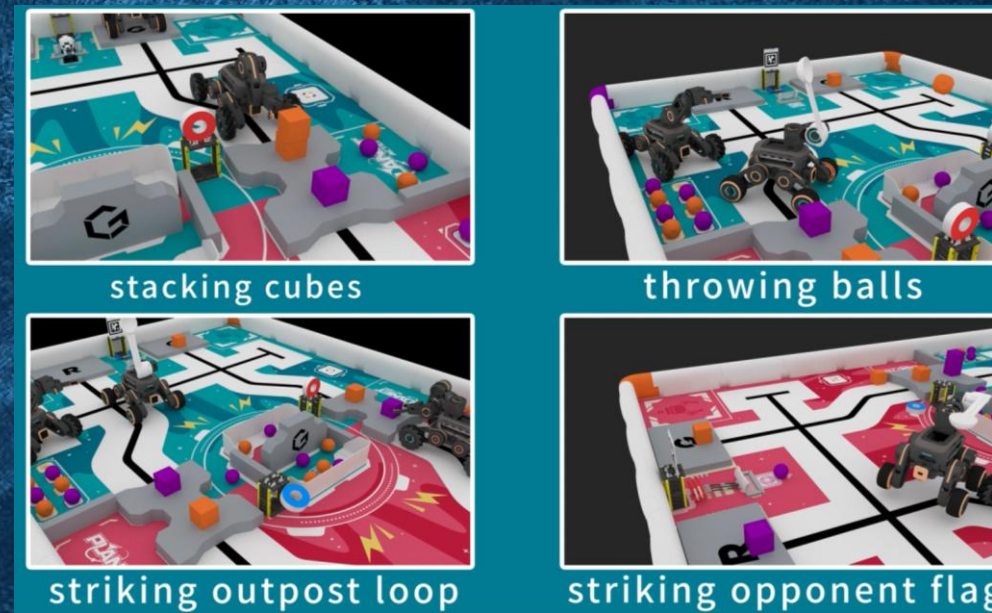
recognising the dolls



transporting the designated cubes

ascending to the high platform

Secondary Tasks



stacking cubes

throwing balls

striking outpost loop

striking opponent flag



ROBOT COMPETITION & EVENT



Singapore



Saudi Arabia



South Korea



Mexic



Indonesia



Philippine



UBTECH **Captain Court** joins the WRO Robot Competition Conference



40+ Regional events **350+** Team in **WRC finals**





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