

GUIDE BOOK



International Islamic School Robot Olympiad
أولمبياد الروبوتات العالمي لمدرسة إسلامية

ROBOT CREATIVE



GAME DESCRIPTION

Participants are required to design, construct, and present their robots according to theme presented by IISRO. There are no limitations on material or size, so that participants can express their imagination.

PARTICIPANT TERMS AND CONDITIONS

The competition is open to participants from Indonesia and the Indonesian Foreign participants through the following categories :

1. Junior Category [age of Under 12 years old]
2. Senior Category [age of under 19 years old]

ROBOT RULE

Robot type

There is no restriction on robot type or material, but anything that may pose a threat to other people is prohibited.

Robot size

Robot should be able to be constructed in the given construction area. If size of robot is too big to be constructed inside the given area or to be presented, the participant should take full responsibility.

Construction condition

Robot, Software, Props background or controller can be pre-built.

Power source: No restriction

Operation: Robots should work with an independent electric power supply; it cannot use a combustible device.

- Participants declare at the start of the demonstration all the tasks the robot will perform. Then they proceed by demonstrating each of the tasks. The robot will be evaluated based on its successful performance of the task.
- Example of failure to act according to a plan you submit first.
 1. Walking robot that cannot walk
 2. Robot that is related washing which could not perform washing.
 3. Climbing robot that cannot climb



PLAYFIELD REGULATION

There is no special playfield use but each team is given table size of 1,800mm x 600mm, and they can utilize area around table while not disrupting other teams. Table size can be changed due to situation.

COMPETITION

- The main theme for 2026 is "Save the Environment."
- Each team must prepare a 1-minute demonstration video with a file size of <200 MB, a resolution of 1280 x 720, in MP4 or AVI format. This video must be submitted before registration closes. The video should contain the following information:
 1. Project goals and objectives
 2. Demonstration of the robot's functions and qualities
 3. Robot cost
 4. Assistance received by the team during the robot's development

This video will be available and displayed during IISRO. The production plan must include the plan's goals, objectives, functions, and qualities of the robot, which can produce a creative and effective video within 1 minute.

JUDGE

1. Function. The robot can be demonstrated to show its function correctly.
2. Performance.

If there are some robots get the same total point, extra-point will be awarded to the best robot performance.

