

## **REGULATIONS**

### **on conducting the "ROBOTICS COMPETITION"**

#### **GENERAL PROVISIONS**

**1.1** These regulations establish the general rules for the organization, management, and conduct of all types of robotics competitions held in the Republic of Uzbekistan.

**1.2** These Regulations serve as the primary document to be strictly followed in all stages and directions of the competition. All additional competition rules must not contradict these regulations.

**1.3** The Regulations aim for the following goals:

- Developing scientific and technical creativity among youth and increasing interest in technology.
- Promoting innovative technologies.
- Preparing the youth of Uzbekistan for recognition on the international stage.

**1.4** All matters not specified in these regulations shall be regulated through the specific competition rules (reglements).

#### **COMPETITION ORGANIZERS**

**2.1** A special Organizing Committee is established to organize and manage the competition.

**2.2** The Organizing Committee performs the following functions:

- Approving competition rules.
- Forming the jury (panel of judges).
- Resolving technical and organizational issues of the competition.
- Reviewing complaints and appeals.

**2.3** The Organizing Committee is independent in its activities, and all decisions are final.

#### **COMPETITION PARTICIPANTS**

**3.1** Participants of all ages interested in robotics and technology may participate in the competition.

**3.2** Participants are required to provide identity documents to participate in the competition.

**3.3** Each participant or team undertakes the obligation to comply with these regulations and the competition rules.

### **GENERAL REQUIREMENTS FOR ROBOTS**

**4.1** Robots must be safe, technically reliable, and fit for operation.

**4.2** The technical parameters of each robot are provided in the competition rules. These parameters include:

- Maximum dimensions and weight.
- Requirements for power sources.
- Permitted materials and technologies.

**4.3** Robots that pose a danger due to technical malfunction will be removed from the competition.

### **COMPETITION PROCEDURE**

**5.1** Competitions are held based on the rules approved by the Organizing Committee.

**5.2** Participants and spectators must comply with the rules established by the Organizing Committee within the competition area.

**5.3** All robots will undergo a technical inspection before the competition. Robots that do not meet the technical requirements will not be allowed to compete.

**5.4** Only persons authorized by the Organizing Committee may enter the competition field.

### **JURY (JUDGES)**

**6.1** The jury is formed by the Organizing Committee and monitors compliance with the rules during the competition.

**6.2** The jury performs the following tasks:

- Ensuring compliance with the rules.
- Making final decisions in disputed situations.
- Assessing participants' compliance with technical requirements.

**6.3** The jury's decision is final and not subject to review.

## **COMPLAINTS AND APPEALS**

**7.1** Participants may submit complaints to the Organizing Committee in writing.

**7.2** Complaints must be submitted within 10 minutes after the conclusion of the competition stage.

**7.3** Appeals are reviewed by the Organizing Committee, and an appropriate decision is made.

## **PROHIBITED ACTIONS**

**8.1** The following actions are strictly prohibited:

- Using any flammable, explosive, or damaging materials.
- Manual control or manipulation of robots during the competition.
- Using equipment not allowed on the field without the permission of the Organizing Committee.
- Creating one's own Wi-Fi network in any form.
- Consuming or bringing alcoholic beverages into the competition area.
- Smoking inside the buildings.
- Any action that poses a danger to competition participants and spectators.
- Entering service areas without administrative permission.

**8.2** Participants or visitors who violate these rules will be disqualified and removed from the premises.

## **SAFETY AND ORDER**

**9.1** Safety rules must be strictly followed during the competition.

**9.2** Participants and spectators must follow the instructions of the Organizing Committee within the competition area.

**9.3** The Organizing Committee monitors compliance with safety measures.

**9.4 All participants and visitors must:**

- Maintain peace and order.
- Comply with the legal instructions of the administration.
- Use the facility and equipment with care.
- Behave responsibly to avoid endangering others.
- Not leave young children unattended.

#### **ADDITIONAL RULES**

**10.1** Special rules and regulations of the competition will be announced via the official website.

**10.2** The Organizing Committee reserves the right to make changes to the competition regulations.

**10.3** In cases not provided for in these regulations, the decision of the Organizing Committee shall prevail.

#### **ADDITIONAL CONDITIONS**

**11.1** All participants must provide additional documents and information necessary for conducting the competition and ensuring safety upon the request of the organizers and authorized safety personnel.

**11.2** All works and devices must be manufactured in a way that does not cause any harm to surrounding people, other robots, devices, or the competition.

**11.3** During the championship, participants must wear the information badge provided by the organizers.

#### **SUMMARIZING RESULTS AND AWARDING**

**12.1** Competition winners are determined accordingly for each category of the competition.

**12.2** Three prize places are established in each direction. Winners who take 1st, 2nd, and 3rd places will be awarded diplomas and souvenirs.

**12.3** Souvenirs may be provided by sponsors for special nominations or specifically recognized developments.

**12.4** Certificates of participation will be presented by the organizers to all participants and their supervisors.

**12.5** The Organizing Committee reserves the right to expand the list of competition prizes or special awards.

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## **LINE FOLLOWING COMPETITION RULES**

**Participant Age:** 12–17 years

**Devices:** Optional

### **Competition Conditions**

**1.1** The robot must traverse the track marked with a black line from start to finish in the shortest time possible.

**1.2** A maximum of **2 minutes** is given to complete the movement.

**1.3** Team members must not touch the robots during the competition.

### **The Path (Track)**

#### **Polygon and Line:**

**2.1** The color of the polygon is white.

**2.2** The color of the line is black.

**2.3** The width of the line is **20 mm**.

**2.4** The minimum curvature radius of the line is **300 mm**.

### **The Robot**

**3.1** The size of the robot: width **20 cm**, length **20 cm**, height **20 cm**.

**3.2** The weight of the robot must not exceed **1 kg**.

**3.3** The robot must be fully autonomous.

### **Rules for Selecting the Winner**

**4.1** Each team is given two attempts to complete the distance.

**4.2** The best result is taken into account.

**4.3** If the robot loses the line for more than 5 seconds (the robot is not on the line for 5 seconds), the attempt ends.

**4.4** The team that spends the least amount of time to cover the distance is considered the winner.

**4.5** If several robots do not reach the finish line, the robot that covered the longest distance along the line is considered the winner.

*\*These regulations may be changed at least 30 days before the start of the competition. In turn, the updated regulations will be provided to all registered participants.*