

# **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 (reglements) 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 specific competition rules.

### **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** Technical parameters for each robot are provided in the specific rules, including:

- 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.

## **7. 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 permission.
- Creating private Wi-Fi networks in any form.
- Consuming or bringing alcoholic beverages into the competition area.
- Smoking inside the buildings.
- Any action that poses a danger to participants and spectators.
- Entering service areas without administrative permission.

### **8.2 Violators 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.**

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

### **9.4 All participants and visitors must:**

- Maintain peace and order.
- Comply with legal instructions and use the facility/equipment with care.
- Act responsibly to avoid endangering others.
- Not leave young children unattended.

## **ADDITIONAL RULES**

### **10.1 Special rules will be announced via the official website.**

### **10.2 The Organizing Committee reserves the right to change the competition rules.**

### **10.3 In cases not provided for, the Committee's decision shall prevail.**

## **ADDITIONAL CONDITIONS**

### **11.1 Participants must provide necessary documentation and info upon request by organizers or security.**

### **11.2 All devices must be manufactured to prevent harm to people, other robots, or the facility.**

### **11.3 Participants must wear the provided information badge throughout the championship.**

## SUMMARIZING RESULTS AND AWARDING

**12.1** Winners are determined for each category.

**12.2** 1st, 2nd, and 3rd place winners will be awarded diplomas and souvenirs.

**12.3** Special nominations and sponsor gifts may be provided for innovations or original tactics.

**12.4** Participation certificates will be presented to all participants and their supervisors.

**12.5** The Committee may expand the list of prizes.

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## ROBO-WAR COMPETITION RULES

**Participant Age:** 18–30 years

**Devices:** Optional

### General Rules

**1.1** The "Robot Wars" competition is designed for battles between robots created and controlled by teams or individual participants.

**1.2** The goal is to identify the best robot designer and operator through combat.

**1.3** The competition is held in stages: qualifying rounds, semi-finals, and finals.

### Participants

**2.1** Both teams and individual participants can participate.

**2.2** Each team or participant may register only one robot.

**2.3** Registration must be completed before the competition begins.

### Technical Requirements for Robots

#### 3.1 Dimensions and Weight:

- Maximum robot dimensions: **70 cm x 70 cm x 70 cm.**
- Maximum robot weight: **10 kg.**

#### 3.2 Energy Restrictions:

- Robots must use independent energy sources (batteries, accumulators).
- Flammable materials and chemical energy sources are prohibited.

### **3.3 Weapons and Defense:**

- Mechanical, pneumatic, and electrical weapon systems are permitted.
- Lasers, flamethrowers, and other devices capable of causing fire or serious injury are prohibited.

### **3.4 Remote Control:**

- Robots must be remote-controlled; wires or cables are prohibited.
- Participants must have backup control systems in case the primary system fails.

## **Arena**

**4.1** The arena will be an enclosed area measuring **4 m x 4 m**.

**4.2** The arena may contain obstacles and shelters to complicate movement and strategic planning.

**4.3** The arena must be equipped with cameras and sensors to monitor the battle.

## **Battle Rules**

### **5.1 Duration:**

- Each battle lasts **3 minutes**. If no winner is determined, a **1-minute** extra round is held.

### **5.2 Start:**

- Robots are placed in opposite corners of the arena. The match begins at the referee's signal.

### **5.3 Victory:**

- Victory is awarded if one robot is completely incapacitated. If both remain operational at time-out, the winner is determined by damage level and activity.

### **5.4 Prohibited Actions:**

- Intentionally damaging the arena is prohibited. Attacking the external components of a robot's combat system (control units outside the robot) is prohibited.

## **Judging**

**6.1** The jury consists of three judges experienced in robotics and similar events.

**6.2 Judges evaluate based on:**

- Inflicted damage.
- Activity and aggressiveness.
- Tactical movement and strategy.

**6.3** Judges' decisions are final and not subject to appeal.

### **Safety**

**7.1** Participants must follow all safety measures.

**7.2** Robot preparation must be done in specially designated areas.

**7.3** Violating safety rules may lead to disqualification.

### **Awarding**

**8.1** Winners receive prizes and certificates.

**8.2** Special awards may be given for innovation, original tactics, and other achievements.

### **Final Provisions**

**9.1** Organizers reserve the right to modify rules with advance notice.

**9.2** All participants must be familiar with the rules and follow them throughout the competition.

*\*These regulations may be changed at least 30 days before the competition. Updated versions will be provided to all registered participants.*