

Line Following Robot

Gameplay Rules

[1]. The competition consists of 2 rounds on the same track:

- a. Qualifier Round
- b. Final Round

[2]. The track contains indicated 5 checkpoints.

[3]. The same 5 checkpoints are applicable in both rounds.

[4]. Each used checkpoint will result in a **5-second time penalty**.

[5].In the Qualifier Round:

- a. A bot must complete the track.
- b. Maximum 5 checkpoints can be used.
- c. If the bot fails to complete the track within these checkpoints, it will be **disqualified**.

[6]. The Final Round follows the same checkpoint and penalty rules.

[7].Winner Selection:

- a. Champion and Runner-up will be decided based on the lowest total time required.
- b. Total time = Qualifier Round time + Final Round time (including penalties).

[8]. All decisions made by the **referee/judge panel** will be final.

Robo Soccer

Gameplay Rules

[1]. The competition will be conducted in **4 rounds**:

- ✓ Qualifier Round (**10 to 8**)
- ✓ Quarter Final (**Knockout**)
- ✓ Semi Final (**Knockout**)
- ✓ Final Round

[2]. Each match will be played in 2 + 1 + 2 minutes:

- ✓ 2 minutes (First Half)
- ✓ 1 minute break
- ✓ 2 minutes (Second Half)

[3]. Each goal = 2 points.

[4]. Foul Rules:

- ✓ **1 foul = 0.5-point deduction**
- ✓ A foul is defined as:
 - i. Hitting the opponent robot from the front side

[5]. If two robots get stuck and remain in the same position for 5 seconds:

- ✓ The match will be restarted by the referee

[6]. The **winner** is the team with the **highest total points**.

[7]. If a match ends in a draw:

- ✓ Extra time will be given
- ✓ The match will continue until one team scores (**Golden Goal**)

[8]. All decisions made by the **referee/judge panel** will be final.

Robo Sumo

Gameplay Rules

[1]. The competition will be conducted in **3 rounds**:

- ✓ Quarter Final
- ✓ Semi Final
- ✓ Final Round

[2]. **Bout Rules**:

- ✓ 1 bout = 1 attack
- ✓ Maximum time for each bout is **1 minute**

[3]. **Match Conditions (per bout)**:

- ✓ The robot **outside the ring** → **Loss = 0**
- ✓ The robot **inside the ring** → **Win = 5**
- ✓ If both robots remain inside the ring for **1 minute** → **Draw = 1**

[4]. **Match Format**:

- ✓ Quarter Final: **3 bouts per match**
- ✓ Semi Final and Final Round: **5 bouts per match**

[5]. **Qualification Rules**:

- ✓ From **Quarter Final to Semi Final**:
 - Matches will be **knockout-based** (winner advances)
- ✓ From **Semi Final to Final**:
 - The **top 2 teams with the highest total points** will qualify for the Final Round

[6]. All decisions by the **referee/judge panel** will be final.