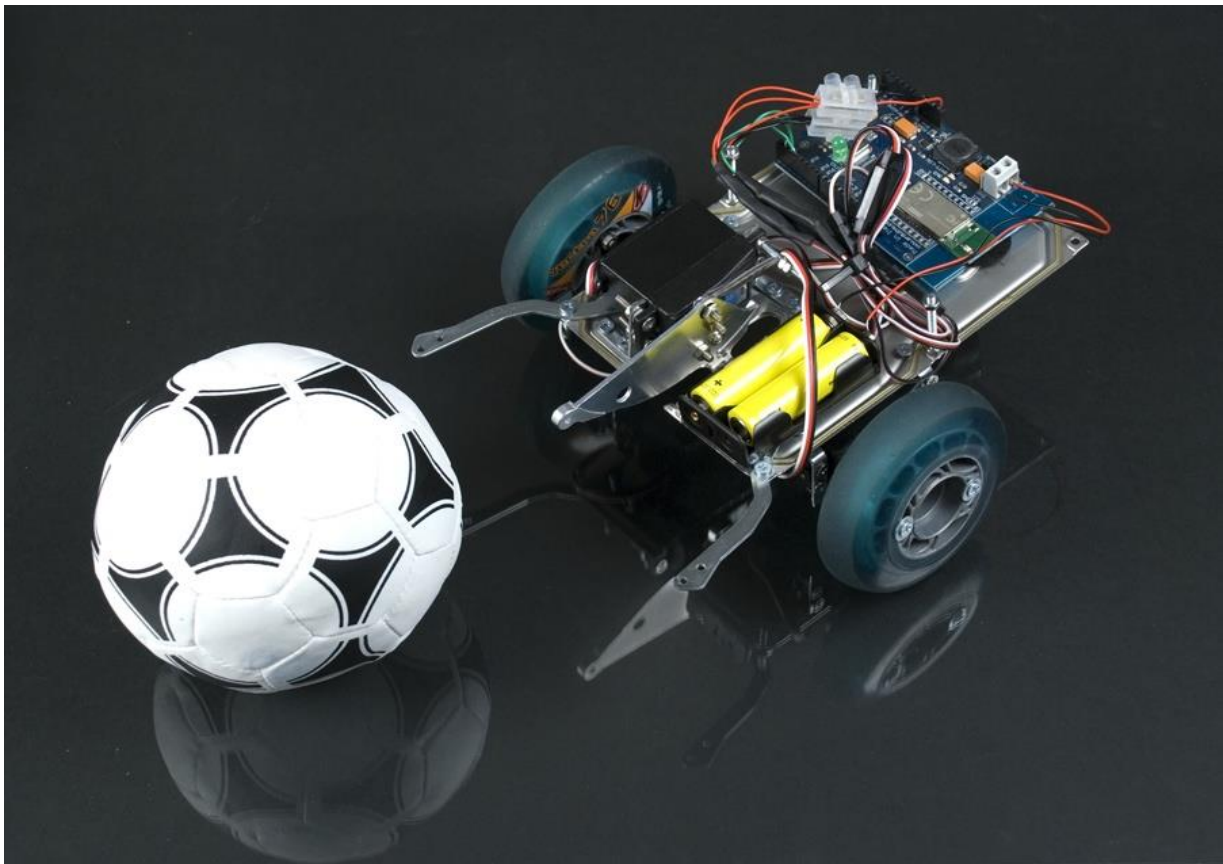


# ROBO SOCCER



## **GENERAL RULES:-**

1. This is a team event.
- 2 A team may have up to four members.
- 3 .Damage to the arena, may lead to disqualification of the bot.
4. No bot is allowed to pick the ball or grip it within its body.

5. Decision of the co-ordinators will be deemed final.
6. A team can be disqualified on terms of discipline.

### **EVENT BOT SPECIFICATION :-**

1. Size of the bot – 21x21x21
2. Machine should be manually controlled.
3. Wire tightening or any such problems will lead to disqualification.
4. Weight of the bot should not exceed 3kgs. (Tolerance 10%)
5. Maximum power supply – 18v.

### **Arena Specifications :-**

1. The arena will be in rectangular shape.
2. The goal post will be of dimension (54x60) cm.
3. A standard golf ball will be used.



## **SCORING :-**

### **1. FOR FIRST ROUND:**

- a) 1000 points will be given at the beginning.
- b)  $50 \times (\text{number of goals scored})$  will be added.
- c)  $10 \times (\text{number of times obstacles are hit})$  will be subtracted.
- d)  $50 \times (\text{number of resets taken})$  will be subtracted.

### **2. FOR FINAL ROUND:**

- a) The team must use the same bot which was used in the first round.
- b) The participants will have to play against each other.
- c) The fixture will be decided by the co-ordinators'
- d) The two bots will be placed at opposite ends and the ball will be placed at the centre.
- e) A six minute time will be given to score goals.
- f) A three minute half time will be given.
- g) The team with the maximum number of goals will be the winner.
- h) In case of mechanical or electrical of the bot, timeout of ten minutes will be given (only once).
- i) In case of ball going down the field, it will be given back at the same point where it fell down.