



**TECH FIESTA**  
2019



## MISSION CAMOUFLAGE

**Event Focus:** For an undercover operation, our army needs to know the details of the terrorist location to be on a safer side. Design a wireless robot which do live video streaming and transfer data to our army. Hence mount a camera on the robot and control it from a safe zone through video streaming on a monitor.

### **Day 1**

**Preliminary Round:** The bot must have some steaming capability (Using mobile phone or other streaming devices) which is to be mounted on the bot which will be streaming the live video of the track. The controller has to control the bot from a safe zone through the video streaming displayed in a screen. The bot has to climb inclined path, and overcome the obstacles. Inclination will be less than 30 degrees.

### **Day 2**

**Final Round:** Top 10 teams will be selected for the final round. The arena for the second round will be disclosed on the spot.

### **Bot Specification:**

1. The dimension of bot should not exceed 30x30x30 cm (LXBXH) with 10% tolerance.
2. The weight of the bot should not exceed 3 kg's.
3. The bot has to be completely wireless.
4. The bot should have a streaming capability (Using mobile phone or other streaming devices).

### **Rules (Same for the both days):**

1. Team participation with minimum 3 or maximum 5 members.
2. Participation in more than 1 team, Sharing Bots between teams or any ready-made bot is not allowed.

**PS: All rules are subject to change without prior information.**

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