

**Event Category:** Flagship Event

**Event Name:** DESIGN YOUR OWN ROBOT - EXPERIENCING ROBO REFORMS

**About the event:**

Do you have the interest to learn about different types of robots? Does designing the robots fascinates you? Tech-Invent 2021 gives you an opportunity to participate in a Workshop cum Competition “Design Your Own Robot!!” to learn about this fascinating field.

**Faculty Coordinators:**

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## **Event guidelines:**

Event is divided into three phases

### **Phase -1 (2-Days workshop on 30<sup>th</sup> August)**

- Introduction of the Robots
- Introduction to the online simulation tool
- Training of the participants on simulation tool
- Hands-on Practice on simulation tool

### **Phase -2 (on 31<sup>st</sup> August)**

- Real-Time design ideas will be disseminated among participants
- Participants will have to design the robots using their creativity within a time limit
- The designs will be made to submit through online mode

### **Phase -3 (On 1<sup>st</sup> sept)**

- The received designs will be exhibited
- Best three designs will be selected
- Valedictory session will be held

## **Rules, regulations,**

- The training of the simulation tool to design the robots and other devices will be carried out in detail through workshop/training session for complete two day
- Participants will be given chance to practice on the simulation tool.
- Real-Time design ideas will be disseminated among participants.
- Participants will have to design the robots using their creativity within a time limit
- The designs will be made to submit through online mode
- Exhibition of the submitted designs will be done

## **Judgment criteria**

- Best three designs will be selected by a panel of judges.
- Decision of judges will be final.

## **Participation Guidelines**

### **Day-1**

- The participants will have to register through the online mode to participate in the event
- The online joining link will be sent to the registered candidates

- The students will have to join the session through online mode using the shared link
- The expert of the session will carry out the workshop
- The participants will have hands-on practice on the simulation tool
- Q&A session will be carried out to clear the doubts of the candidates

### **Day-2**

- The workshop will continue for second day
- The participants will have to join the online session through shared link
- Real-Time design ideas will be disseminated among participants
- The participants will have to participate individually
- Participants will have to design the robots using their creativity within a time limit
- The designs will be made to submit through online mode

### **Day-3**

- Exhibition of the submitted designs will be done
- Best three designs will be selected
- Decision of judges will be final

### **c) Prize money -**

#### Cash prize-

- For winner- Rs. 7000
- For first runner up- Rs. 5000
- For second runner up – Rs. 3000