**IET LUCKNOW**

**Presents**

**Parakram 2k18**

**Electrical Engineering Dept.**

**INNOVATION AND YOU**

“Changes call for innovation, and innovation leads to progress”

- by Li Keqiang

**About:**

You can have brilliant ideas, but if you can’t get them across, your ideas won’t get you anywhere.

In this event, you have to design an electrical equipment

by accessories provided using your own skills, designing

and innovation.

**Problem Statement:**

Design an Electrical equipment by using different types

of accessories provided ex: thermocol, ice-cream sticks etc.

(one has to use 70% of the accessories provided and you

can bring two extra accessories by yourself)

**Rounds and details:**

There would be basically one to two rounds of this event.

Candidates has to participate in teams. A team should comprise

of 4 members and participation fees per team ₹50.

Time duration would be provided and you have to complete

the task within the time interval.

**Judging Criteria:**

1. Presentation
2. Innovation
3. Designing

**FREQUENTLY ASKED QUESTIONS:**

**Q1)** Do you have to design the equipment before hand?

**Ans.** No, u have to prepare the equipment on spot.

**Q2)** Will the accessories be provided ?

**Ans.** Yes, the accessories will be provided but you can bring two extra accessories by yourself.

**Contact details:**

1. DP( 3rd year) 7599306616
2. Prakhar Pandey( 2nd year) 8565844081
3. Arpit Singh( 2nd year) 7800141041

**Prize:**

Total prize: **₹1800**

**CIRCUIT DESIGNING**

“The circuit is interesting because it has inclines and declines. Not just up, but down as well.”

-by Murray Walker

**About:**

You can have brilliant ideas, but if you can’t get them across, your ideas won’t get you anywhere.

In this event, you have to design an electrical circuit

by using accessories provided like breadboard, resistor,

inductor, capacitor etc over different types of hurdles provided

over it.

**Problem Statement:**

Design an Electrical circuit of a given output i.e. voltage/

Current by using minimum no. of elements.

**Rounds and details:**

There would be basically one to two rounds of this event.

Candidates has to participate in teams. A team should

comprise of 2 members and participation fees per team ₹20.

Time duration would be provided and you have to complete

the task within the time interval.

**Judging Criteria:**

1. Accuracy of the output.
2. Time consumption should be minimum.
3. No. of elements used should be minimum.
4. Explanation

**FREQUENTLY ASKED QUESTIONS:**

**Q1)** Do you have to design the circuit before hand?

**Ans.** No, u have to prepare the circuit on spot.

**Q2)** Will the accessories be provided ?

**Ans.** Yes, the accessories will be provided.

**Contact details:**

1.) DP( 3rd year) 7599306616

2.) Prakhar Pandey( 2nd year) 8565844081

3.) Arpit Singh( 2nd year) 7800141041

**Prize:**

Total prize: **₹800**

**FUN GAMES**

**“**Just play. Have fun. Enjoy the game.”

-by Michael jordan

**Buzz Wire System**

**About:**

In this event, the main aim is to guide the grip mounted

Loop through the wire maze without touching the loop

against the metal maze all the way to the end.

As soon as both the wires gets touched, the circuit gets

Completed and the buzzor would buzz indicating you

have failed in the task.

**Problem statement:**

Your task is to guide the grip mounted Loop through the wire maze without touching the loop against the metal maze all the way to the end **.**

**Prize**:**₹20**

Magneto Pinball

**About:**

In this event, a pinball has to be passed through the given arena with the use of two magnets.

With the help of these magnets, dipoles gets created

Which results in forces of attraction or repulsion which helps In acceleration or retardantion of a pinball.

**Problem statement:**

Your task is to move the pinball through the given arena

In minimum time interval crossing all the checkpoints.

**Judging criteria:**

1. Crossing all the checkpoints in minimum time

Interval.

1. Less no. of man handling should be done as pts

Would get deducted.

1. One who scores most no. of points will be the

Winner.

**Prize:**

**Goodies**

**Contact details:**

1. DP( 3rd year) 7599306616
2. Prakhar Pandey( 2nd year) 8565844081
3. Arpit Singh( 2nd year) 7800141041
4. Ayush Gupta(2nd year) 9670987015