Construire Dynamo

**PRIZE INR 4000**

## ****PROBLEM STATEMENT****

1.Build a generator that demonstrates the conversion of energy from mechanical to electrical. The final model must conform to constraints and criteria.

2.The generating voltage of the model should be up to 200volts.

3.Gear up your dynamo and take away the souvenir.

**SPECIFICATIONS**

Your model should be:

• Interactive  
• Durable  
• Easy to use  
• Demonstrates the concept  
• User safety

by us. The internal components of the device should be clearly visible. device

Measuring devices (multimeter) will be provided by us.

constraints

The model should fit in a box of 400mm x 400 mm x 500 mm at all times.  
• Inexpensive materials  
•All team members have to participate.  
• Minimum generator voltage should be 10 volts.

## ****RULES AND REGULATIONS****

 Participants are required to register in teams of maximum three members.  
• The team must adhere to the spirit of healthy competition.  
• Any team which is not ready at the time specified will be disqualified automatically.  
• In case of any discrepancy, the decision of the judges shall be treated as final and binding all the disciplines.  
• Participation is open to students of all disciplines

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scoring

The winner will be judged on following grounds in decreasing order of their preference:  
• Output Voltage  
• Size of the model  
• creativity.

 3.Gear up your dynamo and take away the souvenir.