



## Hydrojet Propulsion

### Objective

- To check the erosion in the column.
- To check the stability of column in
  - Normal flow condition.
  - Floods.
- To check the tilting in column.

### Arena

Experiment will be performed in the hydraulics lab.

### Machine Specifications

Tilting flume channel with slope 5%

### Model Specifications

Height: 23cm – 25cm

### Material Provided

Soil – 800gm

No of Binding Wires – 3

### Water

\*No extra material is allowed to use.

### Event Rules

1. Each team consists max of 3 members.
3. Every team should have unique participants (No team can have either a single participant as common).
4. The team member should have a valid identity card of their particular college/ university.
5. The allotted time for completing the task will be 30 minutes.
6. The whole team will be responsible for the damage or misplacement of the instruments allotted.
7. The decision of organizing committee will be Final.

### Judging Criteria



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The judgment is based on the number of objective determine by team in pre-defined time like erosion, tilting, appearance, timing till model remain stable etc

### **Provisions at Competition Site**

Each team will be provided with the instruments and allied objects

### **Faculty Coordinator Details**

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### **Student Coordinator Details**

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