



# Department of Civil Engineering (Technical Event)

## Tower Builder Competition

### Rules for Tower Builder Competition

**Organized by: Civil Engineering Department**

#### **1. Team & Participation**

- Each team can have 2 members only. (Entry fee- Rs-200/- Per Group)
- Only S.Y., T.Y., and F.Y. Civil Engineering students can participate.
- **Spot entries will not be allowed. Register before the deadline.**

#### **2. Materials**

- Only ice cream sticks/popsicle sticks and Fevicol/white glue are permitted.
- Not allowed: Threads, tape, metal wires, pins, nails, or any other supporting material.
- Maximum 200 sticks per team. Sticks will be counted before the start.
- Cutting/bending sticks is allowed.

#### **3. Tower Specifications**

- **Time limit: 60 minutes to complete the tower.**
- Base dimension: Tower must fit within a 20 cm x 20 cm square base. It should be free-standing.
- Minimum height: 40 cm. There is no maximum height, but stability matters.
- Tower should be able to stand on its own for at least 30 seconds after completion.

#### **4. Judging Criteria**

<b>Criteria</b>	<b>Marks</b>
Height of Tower	30
Load Carrying Capacity	40

Aesthetic/Design & Workmanship	20
Effective Use of Material	10
Total	100

### **5. Load Test**

- After 60 minutes, all towers will undergo a load test.
- Weights will be placed gradually on the top of the tower until failure.
- The tower carrying the maximum load before collapsing gets highest marks.

### **6. General Rules**

- Teams must bring their own glue, sticks etc
- Any team found using banned materials will be disqualified immediately.
- Judges' decision will be final and binding.
- In case of a tie, the tower with better aesthetics will be declared winner.

### **7. Disqualification**

- Exceeding time limit
- Using more than 200 sticks or unapproved material
- External support/touching the tower during load testing
- Misbehavior or arguments with coordinators/judges

### **Technical event – Tower Builders**

#### **Faculty co-ordinators:**

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