

## **Shivatech 2025**

### **Department of Civil Engineering**

1. **High-Rise Hustle:** Teams compete to build the tallest and most stable free-standing structure within a time limit. (Materials: Paper, cardboard, or newspapers, Straws or spaghetti sticks, Tape, rubber bands, or glue.
2. **Quake the Build:** Teams build a small model of a building/structure from simple materials (popsicle sticks, straws, cardboard, glue, etc.). The models are placed on a shake table (DIY: wooden board on springs or suspended tray shaken manually or with a drill motor). The test simulates earthquake vibrations; the goal is to see which model remains stable.

#### **Faculty Coordinators:**

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**Registration Link:** <https://forms.gle/m437p18TohZ5uffR7>