Model Making Competition

Theme: *Future-Ready Innovative Infrastructure*

Focus areas: flood-resilient infrastructure, smart transportation & infrastructures, green buildings/bridges, waste-to-wealth infrastructure, earthquake-resilient structures, fire resilient structures, impact / explosion resilient infrastructure, other areas relevant to the theme.

General Rules

1. **Eligibility:**
   - Any undergraduate/postgraduate **engineering students** from recognized institutions.
   - Team size: **Maximum 4 members**. Each team must nominate a leader for communication purposes.

2. **Registration:**
   - Teams must register by the announced deadline.
   - A unique team name should be provided during registration.

3. **Competition Structure:**
   - Teams are required to **conceptualize, design, and construct a physical model** (preferably working model) demonstrating innovative, sustainable, and disaster-resilient infrastructure solutions.
   - The model should highlight **engineering principles**, execution feasibility, and adaptability to future challenges (urbanization, climate change, smart technologies, etc.).

4. **Model Specifications:**
   - Maximum base size: **90 cm × 90 cm**.
   - Height limit: **90 cm**.
   - Materials allowed: cardboard, foam board, plywood, plastic, clay, recycled materials, or eco-friendly alternatives.
   - Basic electrical/electronic components (LEDs, sensors, motors, Arduino, etc.) may be used if relevant to the concept.
   - Models must be primarily **student-built**; use of commercially available kits is **not permitted**.
   - If required, space for assembling the models will be provided.

5. **Awards:**
   - **First Prize (up to ₹ 21,000/-)**
   - **Attractive prize for runner ups**
   - Participation certificates will be given to all the participants.

6. **Organizers' Rights:**

   o The organizing committee reserves the right to interpret, modify, or amend rules if required.

   o The decision of the jury will be **final and binding.**

7. Tentative Schedule

Activity	Date
Announcement of Competition	Sept 12, 2025
Last Date for Registration	Oct 19, 2025
Concept note related to Model Submission (Soft Copy)	Oct 24, 2025
Model making event	Nov 05, 2025