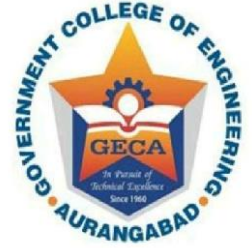


BRIDGE MANIA



Event Overview

Bridge Mania is a technical competition where participants design and construct a model bridge that satisfies specified load-bearing and aesthetic criteria. The event promotes innovative engineering solutions and teamwork among students.

Event Date: 23rd January 2025

Venue: Government College of Engineering, Aurangabad

Registration Deadline: 15th January 2025

Eligibility

1. Participation is open to all undergraduate and postgraduate students from engineering colleges.
2. Teams must consist of 2 to 4 members. Cross-college teams are allowed.
3. Each participant can only register with one team.

Competition Structure

The competition consists of two rounds:

Round 1: Construction Round (On Event Day)

Round 2: Teams will test their bridges at the venue next day.

Rules and Guidelines

1. Bridge Specifications

The bridge must fit within the following dimensions:

Length: 50 cm

Width: 10cm-15 cm

Height: Maximum 25 cm

Only materials provided by the organizers are allowed.

Materials include:

1. Wooden sticks
2. Adhesive (glue)
3. Dental Floss

NOTE: Teams are responsible for utilizing the provided materials efficiently.

2. Load-Bearing Capacity

Bridges will be tested for maximum load-bearing capacity using a standardized setup.

NOTE: The bridge must allow for a load-bearing plate of 10 cm x 10 cm at the center of the span.

3. Time Limit

Teams will have 6 hours to construct their bridges on-site.

4. Evaluation Criteria

Bridges will be evaluated on the following:

1. Structural Efficiency (40%): Load-to-weight ratio of the bridge.
2. Design and Innovation (30%): Creativity and uniqueness of the design.
3. Aesthetic Appeal (20%): Neatness and visual presentation.
4. Adherence to Dimensions and Rules (10%).

5. Disqualification

1. Use of unapproved materials or external resources.
2. Failure to adhere to the specified dimensions.
3. Tampering with other teams' work.

Judging Panel

The judging panel will consist of experts from structural engineering and design fields.

NOTE: The decision of the judges will be final and binding.

Prizes

First Prize: ₹10,000

Second Prize: ₹7,500

Third Prize: ₹5,000

Certificates will be awarded to all participants.

Registration link:

Registration fee: ₹150 per team (EACH TEAM MAX 3 INDIVIDUALS)

Teams can register through the event's official website or on-site