

CEA FEST '23 - EVENTS

Concrete Challenge: Concrete Challenge expects you to design and construct a reinforced concrete frame, which will be then tested for its compressive strength and ultimate load capacity in flexure.

Encode Steel: Design the structure which includes designing of reinforced concrete slabs, beams, columns and corresponding steel reinforcements for a given loading and also with clear cost analysis of structure.

Sustainable Campuses: This competition encourages students to think creatively about making their campus more sustainable and environmentally friendly.

CEA Modelling: An event where you can make a 3D model using origami and the model will be tested against loads.

Aquanomics: Aquanomics is an event where participants use their hydraulic and water resources engineering concepts to solve an ecological issue.

Master Builder: Competition or challenge that involves individuals or teams creating and showcasing their skills and abilities in building structures or projects.

Geo Genius: Excellent opportunity for students to learn about the latest trends, techniques, and technologies in the field of Geotechnical engineering.

Bon-Auto Routier: It is an event to find efficient solutions for an existing traffic plight and enhance their planning ability.

Potential Professor: Helps students showcase the professor in them. We intend to analyze the ability of students to transfer knowledge.

Debate: Covers various fields of Civil Engineering by encouraging the students to engage in debate on problem statements given.

Case Study: Participants are given a real-life failure case and by studying the case have to give a presentation explaining the reasons behind the failure.