



Student Activity Centre



Organized by



CEST CLUB OF NIT Rourkela

&



ICE UK: NIT Rourkela Chapter



WHERE TRADITION MEETS INNOVATION  
THE ANNUAL CIVIL ENGINEERING FEST OF NIT ROURKELA

# BUILDEX

## About the event:

Buidlex is a BIM (Building Information Modelling) based structure analysis competition. BIM is an intelligent 3D-based process that gives architecture, engineering, and construction professionals the insight tools to more efficiently plan, design, construct and manage building infrastructure. This Event will test participants' knowledge in analyzing Building models/Structural elements using software like ETABS/ SAP2000/ STAAD.Pro on the spot.

## Guidelines:

- The problem statement for the event will be released on the spot.
- The submission link will be released along with the problem statement.
- Participants are expected to use any Analysis Software such as **ETABS/ SAP2000/ STAAD.Pro** for this purpose.
- Participants will be given **2 hours** to analyze the given model through any software as mentioned above.
- Ten minutes extra each will be given at the beginning to read the Problem Statement carefully and at the end for submission. So, the Entire duration can be considered as 2 hours + 20 minutes. Submission after the said time will not be entertained.
- Questions will be based on Analysis Results. Participants need to report the values from the obtained results.
- Participants are allowed to use a calculator if required.
- Participants are required to work individually. No teamwork is entertained.
- Participants are not allowed to use or copy any resources available over the internet.
- Use of any unfair means is strictly prohibited. Any kind of plagiarism, if found, will lead to disqualification.

## Judging Criteria:

It will be entirely based on submission. For tie-breakers, the time of submission will be considered.

## Pre-requisites:

Participants should have either of the above mentioned software installed on their desktop/laptops.

- STAAD.Pro can be download from <https://homecad.in/download-and-install-staad-pro-v8i-ss6/>

## Registration Link:

<https://forms.gle/zZXTzYbAeBMhaybw8>



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### Prizes:

- Prizes worth ₹5,000/- will be given to the winners.
- Certificate of Participation will be issued to all the participants.

### NOTE:

The decision of the Organizing Committee will be final and binding to all. Please keep checking the Website and Rulebook regularly for any further updates.

### Coordinator:

Ayusha: 6370002924