



Cenfest - Rulebook

General Rules

- Students must carry their ID cards.
- No electronic devices allowed in venue during the competition.
- Co-Ordinator's/ Judges Decisions will be final.
- Unnecessary arguments will lead to disqualification.
- Participants Must follow all rule specified below.
- Misconduct or Cheating will lead to disqualification.
- Outside assistance is not allowed.
- The organizing Committee reserves the right to amend rules if necessary.

FLOAT A BOAT

Rules and Regulations :

- A team will be of minimum 2 participants and maximum 4 participants.
- The boat should have specific shape and load will be applied at center.
- The dimensions of boat should be 30x30x30 cm.
- Such that Center surface should be plane/flat and of dimensions 14x14 cm.
- The boat will be tested by placing it in water tank.

- If the boat sinks by 6cm or more it will be considered as failure. (Excluding the sinking due to self weight).
- Angle of tilt should not be more than 30 degree.(If it exceeds considered as failure)
- Marks will be determined by,
Ratio: total weight of boat / (total weight taken by boat+weight of boat)
- The scoring will be given on the basis of the minimum ratio obtained.



Task for competition: To develop the given line plan into developed plan within 1 Hrs.

Rules and Regulations :

- It is a solo competition i.e. Only 1 participant.
- Software used will be AutoCAD 2024.
- Line plan (residential) will be given at the time of competition.
- The result will be judged based on completeness and time utilisation. Points are noted for drafting, detailing, labelling, colouring and Schedule of opening.
- Participant must save the drawing as participants name on desktop.
- Participant should not use any electronic accessories inside a venue hall.
- If the total participants are more than 50 then there will be an elimination round.

BRIDGE BUILDING

Task for Competition : To build a $40 \times 10 \times 10$ cm (L×B×H) Bridge by using given sticks. (Thickness of deck slab should not exceed 0.5cm)

Rules and Regulations :

- Team Must be of Minimum 2 and Maximum 4 Participants.
- Participants will have fixed limited time for construction i.e. 2 hours.
- Participants can prepare a design a plan beforehand, but no pre-assembling parts are allowed.
- Requirements provided by Institute:
 1. Sticks - 200
 2. Glue

Note: required accessories either than above list should be carried by own (Scale, Scissors/Cutters)

- Participants may use only basic tools, no power tools are allowed.
- Once build, the bridge will be tested by placing incremental weight at the center of the deck slab with an attachment that runs perpendicular to longitudinal of the bridge, until the structure collapse. The last weight the bridge can hold will be the performance score.

Rules and Regulations :

- We can check deflection criteria as well.
- The results will be displayed on Excel sheet as per calculations.

If the participants desired to check their bridge while testing they can contact to their respective coordinators after display of result. (The Testing video will be provided if needed) .

BUILD BLIND

Task for Competition : To build Bridge by using given sticks.



Rules and Regulations :

1. Each team consists of 2 members — one blindfolded Builder and one Guide.
2. Materials (like popsicle sticks, straws, glue, thread, and tape) will be provided by organizers.
3. The Guide may not touch the materials or the model — only verbal instructions are allowed.
4. The Builder must remain blindfolded until the end of the round.
5. Time limit: 15 minutes per team.
6. At the end, the blindfold is removed and the model is presented for evaluation.
7. Any team violating the touch or time rule will be disqualified.
8. Final decision will be taken by judges only no further arguments will entertained.

TenderX

Task for Competition : To make a tender Report with Given Problem Statement

Rules and Regulations :

1. Team participation allowed (Maximum 4 members per team)

- Final presentation is compulsory
- Participants must present their prepared tender proposal
- Participants shall prepare a tender proposal as per details given in problem

2. Statement.

Copy from internet / AI direct tender / copied BOQ will lead immediate

3. Disqualification

- False rates or unrealistic estimate may attract penalty marks
- Final decision will be taken by judges only no further arguments will be entertained.