



JUNIOR JUNKIES

General Instructions for the Candidates:

- This competition comprises of 2 rounds.
- It is a team based competition having only 2 members.
- Use of mobile phones and laptops are strictly prohibited during the competition. If found will be disqualified immediately.
- Participants must have their students ID card and they should be of school level.
- Any damage to the Institute's property (tools, equipment etc.) will result in a penalty to be reimbursed by the participant.
- Incomplete forms shall not be entertained and accepted.
- Information given must be valid. In case of wrong information, SEE committee reserves the rights to cancel the participation of such teams on spot.
- Evaluators' decision will be final and cannot be challenged.
- Each round shall result in elimination of participants.
- Participants must report 30 minutes before the start of competition. No extra time will be provided.
- Once out of the competition area, you will not be allowed to join again.
- SEE organizing committee reserves the right to change the rules without any prior notice.

Rules and Regulations:

- Participants will have a time frame of one (1) hour and thirty (30) minutes. No extra time will be given under any condition.
- All raw material including tools will be provided by the SEE committee. Participants are not allowed to have any sort of their own material.
- The tools and equipment must be returned to the team executive with your team code before leaving the competition area.
- The mishandling of any equipment may result to the deduction of marks.



PLAN:

DAY 1: (ROUND 1)

“Bridge Building”

- Teams will have first fifteen (15) minutes to design a bridge on paper. Once the design is completed, it has to be submitted to the evaluators.
- Design once approved, participants will have One (1) hour and fifteen (15) minutes to complete the bridge.
- Teams will be provided with the raw material including ice cream sticks, glue, cutters and other related material to make the bridge.
- Dimension of bridge are given on next page.
- The exact center of the bridge should be left open for weight to be hung during the load test.
- Bridge has to be designed with the material provided. No extra material will be given under any circumstances.
- The qualifying criteria for the next round depend on how much weight the bridge bears at maximum.

DAY 2: (FINAL ROUND)

“Catapults”

- Participants will be asked to make small catapults out of the junk materials provided to them.
- At the end of the completion, participants will be provided with tennis balls which need to be thrown in a basket using catapults
- Each team will be given 3 attempts
- The team with maximum perfect throws will be awarded with the higher points.
- Points will also be awarded on the basis of the design and neatness of the catapults.
- The team with highest point will be declared as the winner.
- In case of a tie, there will be a tie breaking round which will be disclosed at the spot.



DIMENSIONS:

