



K.L.E Society's  
**K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI**  
**Dept. of Civil Engineering**



Address: Opposite Airport, Gokul, Hubballi-580027. Dist Dharwad, Karnataka.  
Phone: 0836-2232664, Fax-0836-2330688, e-mail: [civil@kleit.ac.in](mailto:civil@kleit.ac.in), website: [www.kleit.ac.in](http://www.kleit.ac.in)

**Advitiya 2022**

**TECHNO-PAPER**

**GENERAL RULES**

1. Maximum two members in a team.
2. Final paper should be mailed to [advitiya\\_civ@kleit.ac.in](mailto:advitiya_civ@kleit.ac.in) on or before 13/12/2022.
3. The selected paper will be informed by mail.
4. The paper should be in IEEE format.
5. The paper should be minimum of 6 pages and maximum of 10 pages.
6. The time for presentation is 8+2 and 5 minutes for questions.
7. The paper should be signed by the guide/faculty and should contain the college seal while submitting it on the day of the event in hardcopy form.
8. The participants without hard copy of the paper will not be permitted to present.
9. For more information please visit [www.kleit.ac.in](http://www.kleit.ac.in)

**Student Co-Ordinators :** Ganesh V (9686594151)  
Shrishti K (7022494267)

**Faculty coordinator:** Prof. R. S. Vaidya



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**Advitiya 2022**  
**QUIZZOHOLICS RULES**

**General Rules**

1. It is a group event of two members.
2. The two members shall be from same college.
3. This event has 3 rounds, 1st round and 2<sup>nd</sup> round are elimination rounds and 3<sup>rd</sup> round is the 'Final round'.
4. Final round points will be considered for declaring the winners.

**First Round Rules:**

1. This round will have 20 objective (about Civil Engg) questions of 1 marks each.
2. Round duration is 20 mins.
3. 0.5 marks Negative marking for wrongly attempted questions.
4. Questions with two answers or any scratches will be considered with negative marking.
5. Number of teams qualified for next round will be announced on the spot.

**Second Round(Identification Round) Rules:**

1. In this round 20 identifying objects to identify and write its characteristics and properties.
2. Selection is based on correct identification with correct characteristics.
3. Wrong identification and false characteristics will be considered as negative marking in case of any tie.
4. Teams qualified for next round will be announced on the spot.

**Third Round Rules:**

1. Rules will be announced on the spot.
2. Top 5 teams from 2<sup>nd</sup> round will be selected for final **QUIZ** round.

**Student Coordinators:** Tejashwini (7338572515)  
Anubhav (7829650521)

**Faculty coordinator:** Prof. D. R. Kulkarni  
Prof. Rajat Khodanpur



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**Advitiya 2022**  
**CAD CLASH**

**RULES & REGULATIONS**

- Entry allowed to students of civil engg / allied branches.
- It is a event of maximum of 2 members or individual & duration shall be 3 hours
- 2D model is done using AUTO-CAD.
- Principles of planning, Planning regulations and building bye-laws, factors affecting site selection, Functional planning of residential and public buildings, design aspects for different public buildings. Recommendations of NBC.
- Drawing of Plan, elevation and sectional elevation using CAD software for among the one following below
  - Single and Double story residential building
  - Hostel building
  - Hospital building
  - School building
- The command used for drafting the drawing, line weight for different thickness, shortcut keys for drafting etc. is to be mentioned in the sheet.
- Carrying pen drive, CD's, mobile phones are strictly prohibited. If found, the participant will be disqualified.
- The decision of the judge will be final.

**Student coordinators:** Prajwal P (9071026992)  
Deepak (9901278928)

**Faculty coordinator:** Prof. V. B. Karikatti



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**Advitiva 2022**  
**TRUSS BUILDING**

**RULES & REGULATIONS**

1. Entry allowed to students of civil engineering branch only.
2. Theme for the competition is innovative structures.
3. It is an event of maximum of 2 members. Use your own material with the mentioned specifications.
4. Structure to be prepared prior and submitted at desk in the department of Civil Engineering during the event or on the mentioned date.
5. The Popsicle/Ice cream sticks shall have dimensions not more than in the given sketch. Sticks can be altered physically by cutting or notching at any angle.

- 1) 113mm Long.
- 2) 10mm Wide.
- 3) 1.5mm Thick.

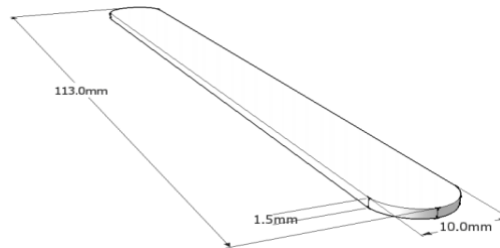


Fig. 1. Maximum permissible dimensions of popsicle

6. Only adhesive Fevicol glue or white glue can be used. No other glues are acceptable (including carpenter's glue).
7. The clear span of the Truss should be 30 cm, height of the support should be 15cm and width of the bridge should be 10cm.

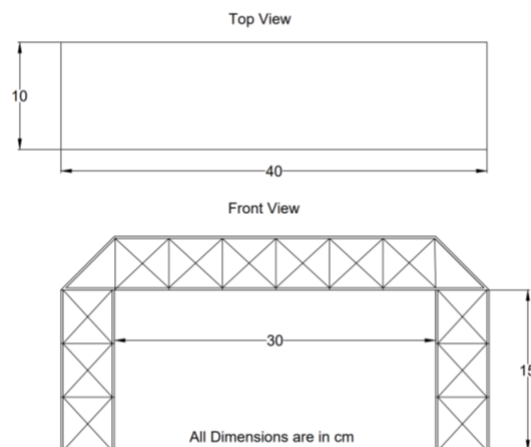


Fig. 2. Typical sketch for reference

8. Pinning, clamping or non-white glue are not allowed to be used for connections. Failure to abide by this rule will result in disqualification. Use of threads is not allowed.
9. Card sheets can be used as deck / carriageway.

### **BRIDGE TESTING**

1. Drop your bridge off at the designated bridge drop off location at the registration desk.
2. Bridge will be weighed after registration on the day of the event.
3. Bridge will be inspected and any violations of the rules above will result in disqualification from the prizes.
4. The bridge will be loaded from the bottom at the center of the bridge. Sufficient space must be provided for the loading mechanism, a 30mm x 30mm gap must be provided between the vertical members of the bridge at the center. The gap is to be continuous throughout the width of the bridge and must allow the testing bar to sit directly on the bridge deck.

### **JUDGEMENT CRITERIA:**

Judgment will be based on the following criteria but may not be limited to:

1. Ratio of load taken to the mass of bridge.
2. Innovative idea in design
3. Aesthetical view
4. Oral Presentation

*Note: Judges' decision is final, and team may be disqualified if not agreed to judgement straight away.*

**Student coordinators:** Aditya Itagi (6362631556) and Spandana Nayak (8217629220)

**Faculty coordinator:** Prof. S.V. Patil and Prof. Sandesh Huggi



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**Advitiya 2022**  
**TREK FOR TREASURE**

- Treasure hunt will have teams consisting of two members.
- Mobile phones and other devices of communication will not be allowed.
- There will be a screening round.
- In the screening round general Games are conducted
- Top scorers from the screening round shall qualify for the final round.
- The team to find the treasure in the least time will be the FIRST WINNER!

**Student Co-Ordinator:** Abhishek (8088123439)  
Shivani (7337666327)

**Faculty coordinator:** Prof. Sujay K  
Prof. Prashant M T