GENERO'17

TECH-CE

• Bob The Builder

In this event participants have to construct a bridge from popsickle sticks (ice-cream sticks).The load bearing capacity and stability of the bridges will be checked.

Participants:-Maximum 3 Participants per Team.

Rules And Regulations:-

- **Minimum Length of Span =50cm.**

- **Minimum Height Of truss =2 sticks**

- **Number Of Sticks =60**

- **Fevicol will be provided as binder.**

- Participants have to reach the venue on time or else team will be disqualified.

- Switching teams will lead to disqualification of both the teams.

- Event organizers reserve the right to make any changes to the event as when deemed necessary.

- Any form of misbehavior may account to disqualification of the team.

Note:-Load testing (Weight Balance) will be done on the Next Day.

- ## **Cartes De Palais**

This event is to check the imagination of the participants and their insight in to the

field of Structure and design. **In this participants have to make the Civil Structure with the help of 52 playing cards.**

<u>Participants</u>:-Maximum 2 Participants per Team.

<u>Rules And Regulations</u>:-

- Participants have to reach the venue on time or else team will be disqualified.

- Switching teams will lead to disqualification of both the teams.

- Event organizers reserve the right to make any changes to the event as when deemed necessary.

- Any form of misbehavior may account to disqualification of the

team.

- Use of any form of adhesives leads to disqualification of the team.

- The decision of the judges will be final and abiding.

- **<u>Cadd-O-Mania</u>**

This is an On-The-Spot event which tests the perception and modelling abilities of participants. It is the 2-D Visualisation of a given 3-D structure using AUTOCAD software.

<u>Participants</u>:-Single Participant Event.

<u>Rules And Regulations</u>:-

- Try to make the drawing resemble as close as possible to original structure.
- Proper detailing should be done otherwise the drawing will not be accepted.
- Internet access is not allowed.
- Event organizers reserve the right to make any changes to the event as when deemed necessary.

- **Judgment will be based on creativity, accuracy and intricacy of the structure drawn**.

- The decision of the judges will be final and abiding.

<u>Note</u>:- Keep saving the drawing at regular intervals we are not responsible for any loss due to any reason.

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- # **Floating Concrete**

A concrete cube of size 15 cm x 15cm x15 cm is to be casted which can float. The cube which can take maximum compressive load will be the winner.

Participants:-Maximum 3 Participants per Team.

Rules And Regulations:-

- The cube should be casted in the college itself.

- Ready-made cubes will not be accepted.

- Participants should cast their cubes atleast 3 days before the event.

- Cement, aggregates, husk, mould and other general items will be provided.

- Participants should bring other necessary items that are require to float the cubes.

- A detailed report of the items used should be made available at the time of testing.

- The decision of the judges will be final and abiding.

- **<u>Snapshot</u>**

Snapshot is an event that encourages the participants to showcase their photographic skills that help them capture cherishable moments. It is been introduced first time in Genero. Through this competition, Genero'16 tries to uplift the creative and imaginative skills of participants.

Participants:-Single Participant event.

Round 1: Online Photo Submission

- Submit a photograph on the theme "Glimpses of India" that captures historical monuments which symbolize the pride of our country.

- Submissions should include a write-up (maximum 50 words) reflecting significance of the monument in Indian history.

- Please send your photograph and write-up to **techce@genero17.in**, along with your full name, branch, mobile number and e-mail ID.

Round 2: On Spot Photography

- The selected participants from **Round**

1 will be invited on the day of Genero'17 to showcase their photography skills.

- In this round only On Campus photos should be click like College Building photos, people photos, or any photos that shows the Artistic/visual appeal.

<u>Rules And Regulations</u>:-

- The photos should be in JPEG format and at least 1600 pixels wide for a horizontal image or 1600 pixels tall for a vertical image.

- Digital manipulation that distorts the reality of the photos will not be allowed. Only basic enhancements such as sharpening, exposure, colour and contrast adjustment, or simple cropping will be allowed.

- The file name for each photograph should be clearly labelled with participant's name. The email should

contain participant's name, phone number and branch.

- **Roller Coaster**

Participants have to make a Prototype of Roller Coaster using ice cream sticks and paper within given specification.

Participants: - Maximum 2 participants per team.

Rules and Regulations:-

- A roller coaster will be made with ice cream sticks and paper(A4 sheets will be provided)

- It should contain at least one spiral turn (either horizontal or vertical)

- Testing of the roller coaster will be done by table tennis ball.

- Jumping of the ball out of the coaster will lead to disqualification.

- Pasting, tying and bolting of ice cream sticks will be allowed.

- **Number Of Sticks =100**

- **Fevicol will be provided as binder.**

- **Minimum Length of Span =40cm**