

LEELA EDUCATION SOCIETY
G.V. Acharya Institute of Engineering & Technology



PRESENTS

CIVOLUTION 2017

CIVIL ENGINEERING TECHFEST

17th & 18th March 2017
(Friday & Saturday)

RULE BOOK

VINAY MALHOTRA: 9503534849
SUMEEN PARMAR: 8600470493
DIPESH MHATRE: 7208860048



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CIVOLUTION 2017

PAPER BRIDGE

RULES:

- 1) Design a truss bridge using paper and white adhesive.
- 2) Time limit will be of 3 hours.
- 3) Maximum '4' members are allowed in a team.
- 4) Construct a truss bridge of dimension
 - a) Length= 500 ± 50 mm.
 - b) Width= 120 mm.
 - c) Height = 100 mm.
- 5) The roadway should be continuous and able to pass a80x80mm imaginary vehicle through it.
- 6) 25 newspapers, white adhesive and 3m tape (2no.).
- 7) No other materials should be used.

TESTING CRITERIA:

- 1) Testing will be done after 24 hours of drying period.
- 2) Loading will be done at the center of the bridge.
- 3) Loading will be done by putting a plate longitudinally of length 300 mm.
- 4) The bridge will be tested till failure or up to a 20mm deflection.
- 5) The bridge with the highest structural efficiency, E will be declared the winner.

$$E = \frac{\text{Load supported in kg}}{\text{Mass of the bridge in kg}}$$

Mass of the bridge in kg

- **Any failure in adhering to the specifications will lead to the direct disqualification.**
- **All decision of the judges shall be final.**

ENTRY FEES:- 120/-	VENUE :- CIVIL Dept.	1 st Prize :- 3000/-
	DATE :- 17 th March	
Event Head :- BIMAL SINGH (8879801418) Co-Head :-ASHISH YADAV(7208623899) Co-Head :-MAYURESH BHOSALE(9967377328)		2 nd Prize :-2000/-

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FLOATING STRUCTURE

RULES:-

- 1) Maximum 2 participants in each group.
- 2) Duration for the event will be 1 hours.
- 3) **Decision of the judges will be final.**
- 4) Material given:
 - a) Thermocol glasses- 9
 - b) Tape- 1
 - c) Straws- 9

LOADING CRITERIA:-

- Loading will be done by keeping the square plate on the structure and then placing weights on it.
- Loading will be done till the platform touches the water surface.

ENTRY FEES:- 60/-	VENUE :- CIVIL DEPT.	1 st Prize:- 1500/-
	DATE:- 18 th March	
Event Head :-	MAYUR PATIL (8655278088)	2 nd prize:- 1000/-
Co-Head :-	KARTHIK KHANOLKAR (8286459652)	

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Straw stack

Rules:

- 1) Maximum 3 participants in each group.
- 2) To make **tallest and stable Building** (frame) using straw and pins.
- 3) No. of straws-100 and pins-36
- 4) Minimum height of the structure should be 50cm.
- 5) Time limit 30 min.
- 6) **Decision of judges will be final.**
- 7) Winning criteria:
 - I. Average of height and load carrying capacity.
 - II. In case of tie economic structure will be considered.

ENTRY FEES :- 60/-	VENUE :- Civil Dept.	1 st Prize :- 1500/
	DATE :-17 th March 2017	
Event Head :- Shubham Shinde (9881823376) Co-Head :- Shubham Mumbarkar (8454909699)		2 nd Prize:- 1000/-

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UNIQUE STRUCTURE

RULES:-

1. A group of 4 participants.
2. Time limit will be 3 hours.
3. Materials will be given:
 - Popsicle stick - 200
 - Fevicol adhesive
 - Thread
4. No other Adhesive should be used.

Judging Criteria:

- Aesthetically innovative
 - Presentation
-
- **Decision of judges will be final**

ENTRY FEES:- 150/-	VENUE:- Civil Dept.	1st Prize:- 2500/-
	DATE :- 18th March	
Event Head :- SapnaDhanaji (9765210841) Co-head :- Vishal Ohol (9167150966) Co-head :- Swapnil Bhoir (8652885246)		2nd Prize :-1500/-

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DESIGNO

Rules:-

- 1) Maximum 2 participants in a group.
- 2) Duration will be 2 hours.
- 3) A-4 sheet will be provided to the participants.
- 4) Design should be related to civil engineering.
- 5) There should be slogan along with the design related to the civil engineering.
- 6) Drawing material should be brought by participants.
- 7) Judges decision will be final.
- 8) Argument with the judges will result in disqualification of the participant.

ENTRY FEES	50/- Rs group and 30/- Rs individual.
No of participants	2
1st prize	1500/-
2nd prize	1000/-
Event head Co-Head	Mayuri Ghavat (9975534283) MADHUSUDAN BANGARE(8450934573)

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JUST A MINUTE

RULES-

- 1) No. of participant – 1
- 2) Participant must complete speech within given time with proper conclusion.
- 3) Decision of the judges will be final.

ROUNDS- 1) Self Introduction(1.5 minutes)

2) Speech on any self selected topic(Social issues, Duration-2 minutes)

3) Pick & speak(civil related topics, Duration-1 minute)

ENTRY FEES	Rs.30/-
PRIZES	1 st PRIZE – Rs.1000/- 2 nd PRIZE – Rs.700/-
Event Head Co-Head	Pooja Pawar Rakesh Pal (9969781760)

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QUIZ-O-CIVIL

RULES:

- 1) Maximum 2 participants in one group.
- 2) Rounds:
 - a) First round- 30 questions
 - b) Second round- 20 questions
 - c) Final round- 20 questions (**Negative Marking**)
- 3) Each round will be of 30 minutes.
- 4) Final results will be judged on performance in all the 3 rounds.
- 5) Participants have to report 15 minutes before the event start.

- **Decision of judges will be final.**

ENTRY FEES:-1 - 30/- 2 -50/-	VENUE :- Civil Dept.	1 st Prize :- 1500/-
	DATE :- 17 th March	
Event Head:- Sayali Hole(7208398876) Co-Head :- DipteePatil (8983755947) Co-Head :-BhagyashriPawar (8655661297)		2 nd Prize :- 1000/-

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TOWER OF CLUMPS

RULES:

- 1) Maximum 2 no. of participants in one group.
- 2) 2 assembled sets of 54 boxes of 10x10x30 cm will be provided.
- 3) Remove one block at a time from the tower and then stack it on top without making the tower fall.
- 4) **Decision of judges will be final.**

A real can build a tower of 36 stories high or more!

ENTRY FEES:-50/-	VENUE :- Civil Dept.	1 ST Prize :- 1500/-
	DATE :-17 th -18 th March	
Event head :-Vishal Tank (7030342061) Co-Head :- Sahil Tembe (8879623562)		2 nd Prize :- 750/-

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SNAP-IT

RULES:-

1. Photos can click by Mobiles, DSLR's, or Digicam.
2. Theme for SNAP-IT is "CIVOLUTION 2016" i.e. photos should be only of the CIVOLUTION event.
3. Any other photos which do not considered as an entry.
4. Judging will be based on:
 - 50% for theme (CIVOLUTION).
 - 30% for image sharpness.
 - 20% for filling for frame.
5. Minimum 10 photos will be taken from each participant.
6. SNAP-IT is all day fun event so participant can click photos all day long and submit his/her entry whenever he wishes.
7. Judges will select 2 best photos.
i.e.
 - 1st Prize
 - 2nd Prize

EXCITING PRIZES.....!!!!!!

Contact no.-1) ShubhamThengil (9819298721)
2) KishorPatil (7378335185)

SCHEDULE

17TH MARCH 2017

EVENTS	TIMING
PAPER BRIDGE	9:30am – 12:30pm
TOWER OF CLUMPS	10:00am onwards
SNAP-IT	9:30am onwards
STRAW STACK	2:30pm – 3:00pm
DESIGNO	3:15pm – 4:15pm
QUIZ-O-CIVIL	12:30pm onwards

18th MARCH 2017

FLOATING STRUCTURE	9:30am – 10:30am
JUST A MINUTE	11:00am onwards
UNIQUE STRUCTURE	1:00pm – 4:00pm
TOWER OF CLUMPS	9:30am onwards
SNAP-IT	9:30am onwards
TESTING OF EVENTS	11:00am onwards