



**KALYANI CHARITABLE TRUST'S**  
**LATE G. N. SAPKAL COLLEGE OF ENGINEERING**

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Department of Civil Engineering

**Technofest-2017**

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## Paper & Project competition

### TOPICS:

- Climate Change : Role Of Civil Engineer
- Modern Construction Materials & Techniques
- Recent Trends In Earthquake Resistant Structures
- Trends In Infrastructure Development
- Transportation engineering
- Environmental and waste water management Engineering
- Structural Engineering

### RULES

- All the participants should give technical details of their model with a clear idea of it
- Slides should not be more than 15
- Graphs and figures are compulsory

### Team specifications:

■	Each team may consist of maximum 4 members.
■	Students from different institutes can form the team.

### JUDGING CRITERIA:

- Based on content & basis, presentation and communication skills, Weightage will be given to actual/field work.
- Also based on the answers given by you in the Question-Answer round.

**Eligibility Criteria: Students with valid I-cards and letter for participation from respective institute are eligible.**

**PRIZE:**

■	1st Prize – Rs. 2000/- & Certificate + Memento
■	2nd Prize – Rs. 1000/- & Certificate
■	Participation Certificate will be provided to all.

**Entry Fee: Rs 200/- per entry per model**

**Event Coordinators**

**Prof. Milind Patil**

**9970189081**

**Email :- [skhtechnofest2k17.civil@gmail.com](mailto:skhtechnofest2k17.civil@gmail.com)**

**Student Coordinators**

**Kartik kadlag**

**7768868686**

**VENUE:**

**Civil Engineering Department**

**Late G. N. Sapkal COE, Anjeneri, Nashik.**

**Date :- 25thFeb. 2017 Time:- 10.00 am**

**Department of Civil Engineering**  
**Technofest-2017**

**Bridge Competition**

**PROBLEM TYPE:**

Bridge Dimensions

- Length of the bridge should be 750 mm.
- Clear inside distance between two trusses should be minimum 110 mm.
- Depth 150mm, End Supports 50mm

Materials to be used:	
■	Standard Popsicle sticks
■	The Popsicle sticks can be trimmed or cut into any size and shape.
■	Only synthetic white adhesives are permissible.

**TESTING METHODOLOGY:**

The load is applied at midspan of the bridge, applying point load which is gradually increasing.

The winner will be decided based on ratio of load carrying capacity carried by bridge to the self weight of bridge (kg).

The bridge is considered failed when

- i) The vertical deflection at the mid span exceeds 50mm
- ii) Any member or joints fails

**JUDGING CRITERIA:**

**Note: Expert Panel of Judges can Modify the rules as necessary for the Event in case need arises.**

**General Rules:**

■	Deck slab is to be supported by two trusses provided on each side of deck. Only Deck type bridge is allowed
■	Top surface of deck slab must be leveled and fairly smooth.
■	Truss can be of any size and shape except arch bridge.
■	Once the bridge is weighed, any modification in it is not allowed.
■	Any team that is not ready at the time specified will be disqualified immediately.
■	Judges decision shall be final and binding on all.
■	The organizers reserve all rights to change any or all of the above rules.

**Team specifications:**

■	Each team may consist of maximum 4 members.
■	Students from different institutes can form the team.

**Eligibility Criteria: Students with valid I-cards and letter for participation from respective institute are eligible.**

**PRIZE:**

■	1st Prize – Rs. 2000/- & Certificate + Memento
■	2nd Prize – Rs. 1000/- & Certificate
■	Participation Certificate will be provided to all.

**Entry Fee: Rs 50/- per Participant**

**Event Coordinators**  
**Prof. Rahul Jadhav**  
**9970823334**

**Email :- [skhtechnofest2k17.civil@gmail.com](mailto:skhtechnofest2k17.civil@gmail.com)**

**Student Coordinators**  
**Pankaj Suralkar**  
**9623947074**

**VENUE:**  
**Civil Engineering Department**  
**Late G. N. Sapkal COE, Anjeneri, Nashik.**

**Date :- 25thFeb. 2017 Time:- 10.00 am**

## CAD War

### **PROBLEM TYPE:**

■	Draft the given drawing within the stipulated time limit and with minimum commands.
■	Hard copy of the task will be provided.

### **JUDGING CRITERIA:**

■	Time & Commands.
■	Technical rules & regulations of drawing & drafting.

### **GUIDELINES**

■	Software loaded- Auto-Cad 2014.
■	Judges decision shall be final and binding on all.
■	All the rights are reserved with the organizers

**Eligibility Criteria: Students with valid I-cards and letter for participation from respective institute are eligible.**

### **PRIZE:**

■	1st Prize - Rs. 2000/- & Certificate + Memento
■	2nd Prize - Rs. 1000/- & Certificate
■	Participation Certificate will be provided to all.

**Entry Fee: Rs 100/- per Participant**

### **Event Coordinators**

Prof. S.D.Thoke :- 9503400341

Prof.:- S.A.Mahajan:- 7875319319

**Email :-** [lgnscoe.civil@gmail.com](mailto:lgnscoe.civil@gmail.com)

### **Student Coordinators**

Mr Tejas Patil:- 9657737200

### **VENUE:**

**Computer LAB (Civil Engineering Department)**

**Late G. N. Sapkal COE, Anjeneri, Nashik.**

**Date :- 25<sup>th</sup> Feb 2017 Time:- 10.00 am**