

Event Name: Structure Modelling (Propped Cantilever)

Staff Coordinator: Vinay M

Rules and Regulations of the event:

1. A team shall consist of Minimum 1 and Max Three students.
2. Only pop sticks are used for modeling having dimension of sticks as follows.
Length = 110 mm Breadth = 12 mm Thick = 2 mm.
3. Sticks can be altered physically by cutting or trimming at any angles.
4. Only Fevicol can be used as adhesive, use of other adhesives may lead to disqualifications. Use of threads is not allowed.
5. Length of Beam should not be more than 600mm, Width and Depth of Beam should not be more than 60mm and Weight of Beam should not be more than 2kg. Beam is fixed into Support by a Maximum Length of 75mm and other end is simply supported on table.
6. The model should be priory prepared by the participates only the testing of the prepared model will be executed in the event.
7. Model is loaded at centre of the beam by participants in front of the judges.
8. The scoring of the structure will be based on performance as well as aesthetics.
9. The Beam will be scored on how well the material has been used to support the load.
The efficiency will be calculated as the ratio of ultimate load capacity and the Beam Weight.

