

## **RULES for BRIDGE MAKING COMPETITION**

- Terms-

Overall span = 45 cm ( $\pm 1$  cm acceptable)

Effective Span= 35cm

Total height = 11 cm ( $\pm 1$  cm acceptable)

Width of Bridge = 11 cm ( $\pm 1$  cm acceptable)

- Rules-

Participants have to choose one group leader which will be responsible for all activities. Name of participants appears in certificate will be according to the name on the registration form.

Material required for model making will be provided on the spot.

If material used rather than provided, it will lead to disqualification of the whole team

Each team will be given 150 pop sticks, fevicol, 1 cutter and rubber bands.

2 hours and 30 minutes will be given for making the model and 1 hour for drying.

Finally efficiency of the model will be calculated according to given formula. And it will depend on the load and self-weight of the model.

First two Efficient models will be declares as a Winner and Runner up respectively.

Bridge must be TRUSS Bridge.

Roadway is not necessary.

Put at least 3cm x 3cm hollow gap at the center of the bridge for applying load.