



EPSIDA

DEPARTMENT OF CIVIL ENGINEERING

VULCANZY 2K19,



Overview

Walking on a bridge, it is highly likely that you wonder about its construction, about its strength, its durability and its aesthetics being a civil engineer.

So here this time we give you people an opportunity to flaunt your designing skills in the “Arch Bridge Designing Competition”.

Problem statement:

EPSIDA is an on the spot event in VULCANZY 2k19 where participants have to build an arch bridge using the materials provided. Grab this golden opportunity to make the finest structures that would stand firm on the base or your structural knowledge.

Rules:

- The team will comprise of 3-5 members.
- The materials to be used are bricks, sand and cement.
- Mortar ratio (Cement: Sand) =1:5.
- The span of the bridge should be 90 cm. and , rise should be 45 cm.
- The weight will be applied at the top centre of arch and the structure bearing maximum load will win.
- All the required materials will be provided at the venue of competition.

Judging Criteria:

Prizes will be awarded to top two participants based on following criteria:

- 1) Load bearing capacity
- 2) Number of bricks used
- 3) Efficient dimensioning of the bridge as in specifications

Registration Fees- Rs. 50/- member

Prizes:

- Participation certificate to all the teams.
- Prize money will be given to the 1st two positions

1st position Rs.2000/-

2nd position Rs.1000/-

CONTACT DETAILS-

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