

TEAM EVENT FOR CONVERGENCE

DRAG TO DESTINATION

Number of rounds: 3

1st Round: Drag Race

In this event we are conducting an event in which we are making a track on a metal sheet with clay or any other materials like sand etc. which consists of many turns, bumps, pits, and with many tripsies and topsies. On which a car will be placed. The contestants or participants have to take the car which should be dragged with the help of magnets beneath it to the required destination. Those who finish the race without losing the track in lowest time will be selected for the second round.

2nd Round: Cross Word Puzzle

In second round we will give them a crossword puzzle related to the basic mechanical and electrical engineering concepts and we will choose first five members who completes the crossword puzzle. They will be taken to the final round.

3rd Round: Simple Bullet Train

In the third round the qualifiers of round one and two will be shown how to build a shortest and simplest bullet train using copper coil, battery, and magnets. Then we will give them the materials required to build the simplest bullet train. We will set up the time, and the one who finishes the thing first will be regarded as winner and the second one will be runner up.

Event organizers: 1) G.Yeshwanth Kumar

Mechanical

Roll no. 17071A0360

gajjelaswanthkumar@gmail.com

9182539026

2) D.Aravind Swamy

Mechanical

Roll no. 17071A0374

aravinddurishetti12@gmail.com

9603782718

Event volunteers: 1) K.Lokesh Reddy

Mechanical

Roll No. 17071A0337

lokeshkuppireddy.123@gmail.com

9490008869

2) P.Bala Gopal Reddy

Electronics and communication engineering

Roll no. 17071A0442

balupeddireddy08@gmail.com

7330789702

Stationary Requirements:

Copper wire of 40 m length, clay, cardboard sheet, batteries, small magnets, large magnet, charts, a toy car, and other craft materials used to prepare the track, xerox copies of crossword puzzles etc.

Estimated Schedule and Cost:

We will design the track in three to four days after we got the material and requirements, and the crossword puzzle will be prepared five days before the convergence fest, we get the materials in the coming week I think, and the estimated cost is as shown below:

Copper wire: 480/-

Clay: 50/-

Cardboard sheet: 175/-

Batteries: 84/-

Small magnets: 300/-

Large magnet: 170/-

Charts and craft materials: 100/-

Xerox copies: 50/-

So the total estimated cost is 1409/- ~1450(approximately)

