

PLANEADOR

DESCRIPTION:

Playing with paper planes has always been a fun activity. Glider Challenge is about to take this fun activity to the next level, providing a chance for you to make a glider that can sustain a flight a bit longer than the paper planes. Longer the flight, more the fun.

ABOUT THE EVENT:

Participants will have to hand-launch their glider from within the launching Zone. Task & Evaluation The best measure of the design of the glider is done by observing "Stability of glider (Design of glider), Gliding distance and Gliding time. Participants are required to score Maximum Distance and Glide time.

Problem statement:

Building of a glider to achieve-

- maximum gliding time .
- maximum gliding distance.

FORMAT OF THE COMPETITION:

- The arena will be an open ground.
- There will be a single round in the competition. (may vary)

The Gliders will be graded based on:

A. Distance (30%).

B. Glide Time (70%).

Total score = $(0.30 \times \text{Distance covered}) + (0.70 \times \text{glide time})$

Important Note:

1. Participants will have to build their glider under the scrutiny of the organizing team. Materials will be provided before the competition if required.
2. Team can have 2-5 members.
3. Judgement will be done on the basis of creativity.