

PRODYOGIKI '19

Cat-A-Plane

Objective:

A glider is an unpowered aircraft that uses natural occurring currents of rising air in atmosphere to remain airborne. A **catapult** is a ballistic used to launch a projectile for a great distance without the aid of explosive devices.

- Teams have to build a glider plane which gives a very long flight when gently launched into the air, usually in the wind by a gentle throw of a catapult.
- Participants will be provided with some materials at the time of competition.
- They will have to use those materials to make a catapult glider in the allotted time .

(NOTE: Catapult for testing of plane will be provided by team ISTE)

Rules:

1. Maximum of 4 members in a team.
2. Use of any material that is not provided on spot is not allowed.
3. Each time will get a maximum of 3 attempts to launch their plane.

Judgement Criteria:

1. Range of plane
2. Time of flight
3. Design of plane