**Flight to Future**

Problem statement:

Participants have to design a RC Plane that can Take off and land at the specified areas. It could be a electric plane or engine powered plane. PNP RC planes are allowed, and we are expecting to see a great flying skill by you.

Winning amount 20k

Rules

* Build your RC Plane, which can take off, and land on the ground and has ability to do manoeuvre.
* Each team can be maximum of 6 members.
* The performance of the Plane at all the Stages/Arena will be evaluated individually.
* We have different points for perfect take-off, perfect landing, and perfect flight offcourse.
* Replacement of the parts of RC Plane will be allowed in case only if accident occurs.
* Timers will be paused only at the Checkpoints, and NOT at the Stage/Arena at any cause (Timeouts are provided according to the Problem arise during flight).
* Individual participation in flying session of the team members will also be evaluated.
* If the RC Plane is found making damage to the arena, Judges reserve rights to eliminate a particular Stage/Check Point/Complete Participation.

Round 1 (Elimination Round)

**TAKE OFF AND LANDING:**

* During this stage each team will be get a maximum of two attempts for take-off and landing.
* The goal will be for the RC Plane to take-off from a specific location and land back at a predescribed landing area.
* The performance will be judged on the basis of skills in take-off and appropriate landing of the craft.
* Teams unable to complete this task will have to face the elimination.

**Round 2 (Elimination Round)**

**Flight path**

* This stage meets the perfection in the pilots performance and test of the flying ability of the RC Plane.
* During this stage the RC Plane will need to complete the following flight paths and points will be given basis the precision of the flight paths and the execution of the same.
* Take off (Max. 10 Points).
* Anti-clockwise circuit (Max 15 Points).
* Clockwise circuit (Max 15 Points).
* Figure of eight (Max 20 Points).
* Landing (Max 20Points).

**Round 3 (Final Round):**

**Musical Free Flight**

* The team will select a Instrumental clip and will fly the RC Plane.
* You will get 3 minutes before you have to land your plane, that means you have 3 minutes to show your skills mid-flight.
* Jury will select the winner on the basis of the manoeuvres performed.