

RC FIXED WING:

Max no of participants: 4

General guidelines

- Maximum measurable dimension of the plane should be 4 feet.
- No IC engines allowed. The propulsion should be achieved only by electric means (brushless motor).
- Any type of propeller blades can be used.
- The teams should use only their registered plane.
- No two teams can share their aircrafts, i.e. two teams cannot fly a single model. However they could use the electric/electronic components through a mutual understanding. Organizers shall not be involved in this concern.

Judging Criterion

- The arena will have a runway, an ATC tower, and a bridge.
- Points distribution for the maneuvers to be performed are as follows.

No	Manoeuvres	Max Points
1	Take Off from Runway(max 3 attempts)	10
3	1 min stable flight around ground	10
4	Dive and Pull up	10+10
5	Roll	20
6	Loop	20
7	Low altitude flight over the Bridge	20
8	Horizontal flyby beside the ATC	20
9	Passing through gates	20+10
10	Additional manoeuvre	20/manoeuvre
11	Safe Landing on the runway	10

- Max time for an aircraft to complete all the manoeuvres is 10 minutes. Suppose a plane is able to finish all of the above mentioned within 10 minutes, the plane could repeat the manoeuvres.
- Repetition is allowed ONLY once the aircraft has completed one full cycle of manoeuvres, before landing.
- No points will be allotted for crash landing.
- Points will be given acc to the perfection of the manoeuvres performed.