

Drone Race

Race between Unmanned Ariel Vehicles

If you really like flying and have curiosity about it then this event is for you. Be ready to create your benchmark on the land of IIT Patna. SAE Club IIT Patna is presenting you an opportunity to take part in the race of unmanned Ariel vehicles. In this event there are two stages:

Stage 1: Static Event

In this event you have to submit the design report of your aerial vehicle 5 days before the event and then give a presentation on the day of the event.

Important Points:

- 1) The design report must consist of the design methodology, cost analysis, complete information related to fabrication and testing photographs.
- 2) Max. limit – 5 pages
- 3) The presentation limit is 5 minutes followed by 5 min of Ques/ans.

Judging Criteria:

- 1) New Idea/Innovation – 10 points
- 2) Report – 25 points
- 3) Presentation – 15 points

Stage 2: Dynamic Event

Problem Statement/Rules:

- 1) Two drones will leave compete at a time.
- 2) Only two people from each team will be allowed inside the arena.
- 3) In arena, there will be 4 spots having two balloons each and both the drones will have to burst one out of two.
- 4) Two halts are allowed. More halts will be penalised.
- 5) There is no limitation on the number of members in a team.

Scoring Criteria:

- The dynamic event will be based on round-robin criteria.
- Points will be given for no. of balloons busted.
- Final ranking will be done by combining static and dynamic event points.