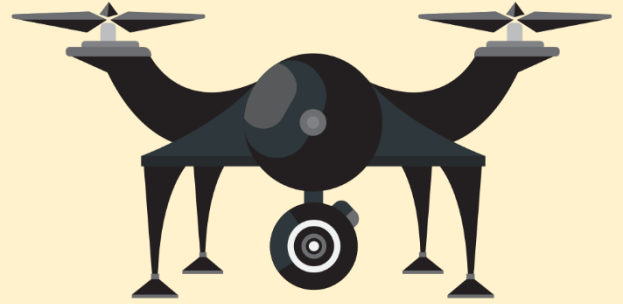




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TRICITY DRONATHON 2022

inter-school competition on

Unmanned Aerial Vehicles for Societal Benefits

Organised by Aeronautical Society of India, Chandigarh Branch

OCTOBER – NOVEMBER 2022

The Aeronautical Society of India is a professional body, devoted to advancement of Aeronautical sciences and engineering in India. Chandigarh Branch of AeSI has been very active in promoting the aims and objectives of the Society in Chandigarh tricity region.

Problem Statement

Propose an Unmanned Aerial Vehicle (UAV) / Drone that can be used for benefit of society at large. You'd need to conceptualize its Role, Features, Conceptual Drawings and prepare a Draft Project Execution Plan.

The competition is divided into 2 phases:

Phase 1: Shortlisting

Each team has to submit a digest (approx. 500-600 words) summarizing its idea consisting of basic description, concept and conceptual drawings (if any) based on which 12 teams will be shortlisted for Phase 2

Phase 2: Finals

Selected teams will present their concept to evaluation team in form of PPT presentation or/and models or any other mode which makes the presentation effective. 10-15 minute presentation will be followed by Q&A session, based on which Top 3 teams will be selected.

Who is eligible to Apply

A team comprising of students of class 8, 9 or 10 from schools in Chandigarh/ Panchkula/ Mohali can participate. A team may consist of 2-4 members of same or different classes. ~~Maximum 2~~ **Maximum 5** teams are allowed per school. The entry is to be done through official email ID of the school.

Evaluation

1. Each team has to submit a digest (approx. 500-600 words) summarizing its idea containing basic description, concept and conceptual drawings (if any) based on which 12 teams will be shortlisted for final (Last Date of Submission: ~~14 Oct, 2022, Friday~~ **20 Oct, Thursday**)
2. Selected teams will present their concept to evaluation team in form of PPT presentation and/or Models or any other presentation mode on final day. (Date of Evaluation: 5 Nov, 2022, Saturday). 3 best teams will be awarded.
3. The indicative format for Digest and final presentation are available on website.
4. The work should be the original work of the team.
5. It should share information that is innovative and new or put a new spin on an old subject. The novelty can be in idea, methodology and approach, or in presentation and recommendations.

Awards

- Top 3 winning teams will be awarded cash prize of Rs. 5000 each and Certificates.
- Top 12 shortlisted teams will be awarded Finalists' Certificates.
- All the participating teams will be given Certificate of Participation.
- All the participating teams will be invited to attend Final event on 5 Nov 2022 and interact with experts.

Judging Panel

The event will be judged & attended by Scientists, Defence officers and Technical Experts from Academia & Industry.

How to Apply

To apply, register your teams and submit the digest (max 500-600 words) by ~~14 Oct 2022, Friday~~ **20 Oct, Thursday** at AeSI Chandigarh website www.aesichd.com.

~~Maximum 2~~ **Maximum 5** teams will be allowed per school and entry should be through school's official email ID. There is no entry fee for any stage.

Competition Timeline

- Last Date of submission of digest for shortlisting the top 12 teams: ~~14 Oct 2022, Friday~~ **20 Oct, Thursday**
- Announcement of Top 12 Teams: ~~19 Oct 2022, Wednesday~~ **27 Oct, Thursday**
- Final Presentations by Top 12 Teams & Award Ceremony: 5 Nov 2022, Saturday

