



**FLIGHT-2022**

**MADRAS INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF AEROSPACE ENGINEERING**

**ASSOCIATION OF AERONAUTICAL ENGINEERS**

**MAY 13,2022**

**AIRCRAASH INVESTIGATION**

**Event Description**

“FAILURE SAVES LIVES. IN THE AIRLINE INDUSTRY, EVERY TIME A PLANE CRASHES THE PROBABILITY OF THE NEXT CRASH IS LOWERED BY THAT”

-NASIM  
NICHOLAS TALEB

The first and foremost motive of every aeronautical engineer is to design and develop an Aircraft that's safe and secure. But under certain unavoidable circumstances, that's not to be the case. Although the odds of a plane crash are 1 in 11 million, it can be catastrophic with potentially hundreds of lives at stake. This is where an Air crash Investigation takes a centre stage in carrying out a detailed Examination and Assessment of the events that have occurred and offers practical and feasible solutions to preclude or avert such mishaps in the future.

The airline industry is one such industry where you can't categorize the mistakes that one commits as small ones or big ones, all the errors should be dealt with the same amount of care and caution. So this event delivers lots of insights on Air crash events that have happened over the years and provides you with an opportunity to investigate and share your thoughts/solutions to the real-life crash case scenario.

TOGETHER LET'S UNLOCK THE SHERLOCK HOLMES THAT IS RESIDING WITHIN US...

**Event Format:**

The event takes place in two rounds

I. Prelims: This round would be testing your knowledge on famous Aircraft Crashes. Here you would be given a list of major crashes that took place during a 10-year timeline. Now, All you have to do, is go through the list and gather information on,

- 1) When and Where the Crash took place?
- 2) Reason for the Crash and ideal solution to avoid such accidents.
- 3) Number of casualties involved in the event.
- 4) Proofs and evidence confiscated during the investigation of the crash

Questions will be prepared on the criteria mentioned above, and a quiz will be conducted, on the basis of which, participants of this round will be shortlisted to move on to finale.

II. Finale: Top three teams from the prelims will be qualified to this round. Teams will be given, a real time crash investigation scenario to work on. After which, teams will have to come up with solutions and present them to the jury, based on which, winners shall be decided and announced.

**Rules:**

- Participants are required to produce college ID without fail.
- Maximum of three per team (Individual participation is allowed).
- Judges' decision will be final.

**Prize worth:** Rs.1500/-

**Time:** 9 AM

**\*\*Participation Certificate will be provided for all participants\*\***

**In case of queries, feel free to Contact:**

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