FLIGHT 2024

MADRAS INSTITUTE OF TECHNOLOGY
DEPARTMENT OF AEROSPACE ENGINEERING
ASSOCIATION OF AERONAUTICAL ENGINEERS

AIRCRAFT INVESTIGATION
MARCH 16

Event Description:

Step into the high-stakes world of air crash investigation with our immersive event, where participants become crucial members of an investigation team tasked with solving a mock air crash. This challenge is perfect for those who love analytical thinking, teamwork, and have a fascination for aviation safety.

Participants will be organized into teams; each assigned the critical role of investigating a simulated aviation disaster. Through realistic scenarios and meticulously crafted evidence, teams will navigate the complexities of air crash investigations, testing their analytical skills, teamwork, and attention to detail.

Key Features:

1. Simulation Scenario: Immerse yourself in a hyper-realistic simulation of an air crash including black box recordings, witness statements, and more.

2. Team Collaboration: Formulate strategies, assign roles, and work collaboratively with your team to reconstruct the timeline of events leading up to the crash.

3. Forensic Analysis: Engage in hands-on activities involving forensic analysis of debris, examining cockpit instruments, and interpreting flight data to uncover the root cause of the disaster.

4. Presentation Challenge: Once the investigation is complete, teams will be required to present their findings, conclusions, and recommendations to a panel of judges, mirroring the real-life process of delivering investigative reports.

5. Real-world Lessons: Gain valuable insights into aviation safety protocols, accident prevention measures, and the importance of collaboration in the field of air crash investigation.

Whether you're a seasoned aviation enthusiast or a curious individual seeking a unique and challenging experience, the "Air Crash Investigator Challenge" promises an unforgettable journey into the intricacies of aviation safety and investigation.

Will your team crack the case and uncover the truth behind the simulated air crash?

Join us and find out!

Event Format:

The Event takes place in 2 rounds:

1. Qualifiers: 9.00 am – 12.00 pm

2. Finale: 1.30 pm – 4.00 pm

Teams selected in qualifiers will proceed to finals.

Rules:

1. Team Composition:

   - Teams will consist of a minimum of 2 and a maximum of 4 participants.

   - Participants may not switch teams once the event has started.

2. Event Duration:

   - The event will be divided into two main phases: Investigation and Presentation.

   - The Investigation phase will have a set time limit, during which teams must gather evidence, analyze data, and formulate their conclusions.

   - The Presentation phase will follow immediately after the Investigation phase.

3. Code of Conduct:

   - Participants are expected to maintain a professional demeanor throughout the event.

- Any form of cheating, plagiarism, or unsportsmanlike conduct will result in disqualification.

4. Team Collaboration:

- Collaboration within teams is encouraged.

- Teams may not communicate or collaborate with other teams during the Investigation phase.

5. Use of Resources:

- Participants may use only the materials and resources provided by the event organizers.

- Personal electronic devices (phones, tablets, etc.) are strictly prohibited during the Investigation phase.

6. Guidance from Experts:

- Teams may seek guidance from event-appointed aviation professionals and crash investigators during the Investigation phase.

- Interaction with experts is subject to predefined time slots to ensure equal opportunities for all teams.

7. Presentation Guidelines:

- Each team will have a specific time limit for presenting their findings, conclusions, and recommendations.

- Presentations should be clear, concise, and focused on the investigative process and outcomes.

8. Scoring Criteria:

- Teams will be evaluated based on their investigative process, attention to detail, teamwork, and the quality of their presentation.

- Judges' decisions are final.

9. Confidentiality:

- All information provided by event organizers, including simulation scenarios and evidence, is confidential and may not be shared outside the event.

10. Sportsmanship:

- Good sportsmanship is expected from all participants. Respect for fellow participants, organizers, and judges is paramount.

11. Disqualification:

- Teams or participants found violating the rules or engaging in any form of misconduct may be disqualified from the event.

By participating in the "Air Crash Investigator Challenge," teams agree to abide by these rules, fostering an environment of fair competition, collaboration, and learning.

Team with the answer closest to the evaluator's answer wins the game.

Eligibility:

➢ Competitors are required to produce their college ID during participation.

➢ 2 members/team (or) 3 members/team (or) maximum 4 members/team.

PARTICIPATION CERTIFICATES WILL BE PROVIDED TO ALL PARTICIPANTS.

REGISTRATION FEE: INR 200/- per team

PRIZES WORTH: INR 2000/-

For any queries, contact:

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