



MADRAS INSTITUTE OF TECHNOLOGY
ASSOCIATION OF AERONAUTICAL ENGINEERS
FLIGHT'20

FEBRUARY 28, 2020

DAY 1 EVENTS:

AIR CRASH INVESTIGATION

“Mistakes are inevitable in aviation, especially when one is still learning new things. The trick is to not make the mistake that will kill you”.

-StephenCoonts

Event description

Every time a plane crashes, the world takes notice. And so do the experts whose job it is to figure out what happened.

The odds of a plane crash are 1 in 11 million, but when something goes wrong, it can be catastrophic with potentially hundreds of lives at stake. From human errors and accidents to mechanical faults and design flaws, the success of aviation history is punctuated by disasters and catastrophe.

Air crash investigation looks at what went wrong and how future disasters can be averted.

Event format

Details of famous air crashes will be presented. The participants are expected to recall the historic significance of these crashes and also present novel solutions that could be used in the futuristic designs.

Rules

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

Contact

Name : R.GOKULNATH

Ph no. :8807152072

Email: flight@mitindia.edu

Date: 28.02.2020

Time: 9am

Prize Money: Rs.2500

CAD MODELLING

Event description

"Design is thinking made visual"

Its time to express your imagination power .Here, "CAD modelling" challenges your designing brilliance .If you are mad for CAD, get armed up with all your design weapons and tricks in this battle of designing.

Event format

There will be two rounds.

- First round is a preliminary round consisting of a written test on basics of CAD modeling software.
- Candidates shortlisted for the second and final round will be required to complete the design using CATIA V5/ AutoCAD as per the problem statement given on the spot. The fastest designer with most accuracy of the given problem will be declared winner.

Rules

- Participants are required to produce college ID without fail.
- Maximum of two per team(Individual participation is allowed)

- Electronic gadgets such as mobile phones, pagers, tabs, laptops, etc., should not be used in the Competition.
- Participants will be given a time of 60 minutes to complete their CAD models.
- Additional points will be given for creative designs.
- Judges decision will be final.

Contact

Name: J. JENKINS PAUL SAMUEL

Ph no: 7092327017

Email: flight@mitindia.edu

Date : 28.02.2020

Time: 9 AM

Prize Money: Rs.2500

TECHNICAL CONNEXIONS

Event description

Can you solve the mysteries of the aviation using pictures, then solve the connexions.

Event format

- This is a picture based quiz event.
- Questions for the round will be aviation related pictures.

Rules

- Participants are required to produce college ID without fail.
- Maximum of three per team (Individual participation is allowed)
- Electronic gadgets such as mobile phones, pagers, tabs, laptops, etc., should not be used in the Competition.
- Judges decision will be final.

Contact:

Name : S.PARTHIPAN

Ph no. : 9488272347

Email: flight@mitindia.edu

Date :28.02.2020

Time: 09:30 AM

Prize Money: Rs.1500k

TECHNICAL QUIZ EVENT

Event description

“If you know how to find the centre of gravity of penrose stairs, then this quizzical platform is yours”

This quiz competition is a pursuit of technical knowledge and actually tests the students retention and accumulation of knowledge towards application of concepts. It would be greatly helpful in acknowledging their position on their journey to technical excellence.

Event format

Preliminary screening round:

This round is aimed to screen the minimum number of teams possible for the next Quiz masters round.

- A question paper consisting of 50 questions will be given to each team of the Technical Quiz event.
- Each question carries 1 mark
- The questions can be from basic mechanics, thermodynamics, and from a few technical

(Aerospace/Aeronautical) courses.

- There is no negative marking in this round.
- The time duration for this round is 40minutes.
- The number of teams to be selected for the next round depends on the decision of the selection crew.

Ultimate quiz master round:

This event is aimed at verdict out the best team and the quiz masters. The team which scores highest point will be the winner.

Rules

- Participants are required to produce college ID without fail.
- Maximum of three per team(Individual participation is allowed)
- Electronic gadgets such as mobile phones, pagers, tabs, laptops, etc., should not be used in the Competition.
- Judges decision will be final.

Contact

Name: S.REVANTH

Ph no. :9791776053

Email: flight@mitindia.edu

Date :28.02.2020

Time: 9 am

Prize Money: Rs.1500