



## Aircraft Certification, Safety, and Accountability

### REGISTRATION FEE PER PARTICIPANT

- Corporate..... Rs 15000
- Academic Faculty & Govt Org: Rs 12000
- Students..... Rs 6000

(Registration fee includes participation fee, lecture materials, working lunch etc. The registration details (Name, Designation, Organisation, contact details) along with payment details should be conveyed at [office@siati.org](mailto:office@siati.org) by **15 November 2025**.

Please Register by paying at the following bank account through UPI/IMPS/NEFT and sending payment details to [office@siati.org](mailto:office@siati.org):

**Ac Name:** Society of Indian Aerospace Technologies & Industries (SIATI)

**Ac No:** SB 31759635132

**Bank:** SBI, HAL Branch (Code: 01114), Bangalore

**IFSC:** SBIN0001114

**MICR CODE:** 560002018

**Course Coordinator**  
Air Cmde KA Muthana (Retd),  
Associate director, SIATI  
Tele: 080-25219951  
(Mon-Fri, 10 AM - 5 PM)



SOCIETY OF INDIAN AEROSPACE  
TECHNOLOGIES AND INDUSTRIES (SIATI)

## SPECIAL 3-DAY COURSE ON AIRCRAFT CERTIFICATION & AIRWORTHINESS

### DATES

26, 27 & 28 NOVEMBER 2025

**VENUE:** AERONAUTICAL SOCIETY OF INDIA,  
Junction of Old Madras Road & Suranjandas Road ,  
Bangalore - 560075



With support from



## ABOUT THE COURSE

- Aircraft Certification – The task of certifying an aircraft or part thereof can be overwhelming given the lengthy processes and many steps that are involved. Understanding the process can greatly enhance the outcome and reduce unnecessary delays or frustrations.
- Airworthiness is the measure of an aircraft's suitability for safe flight. Certification of airworthiness is initially conferred by a certificate of airworthiness by a national aviation authority and is maintained by performing the required maintenance actions.

## FACULTY

- The lectures will be delivered by experts who have been in the field for over 20 years and hold senior positions in certification and testing agencies.
- Speakers: From CEMILAC, DGAQA, DGCA, HAL etc.

## SIATI

The Society of Indian Aerospace Technologies & Industries (SIATI) has made pioneering efforts in bringing industry, R&D centres and academia, both in India and abroad, together to enhance self-reliance in aerospace technology and manufacturing. In addition to major aerospace players, SIATI has about 250 medium, small and micro scale private industries as members. They are engaged in development and manufacture of aircraft structures, systems / equipment.



## PROGRAMME CONTENT

### DAY 1

Indian Military Airworthiness Concept & Framework.  
Indian Military Technical Airworthiness Requirements (IMTAR-21 Version 2)  
Indian Military Airworthiness Procedure (IMAP-2023)  
Test, Evaluation & Certification Support to Indian Industry: DRDO Test Facilities for Industry and Procedure for Availing Test Facilities  
Test, Evaluation & Certification of AI products, Digital Twins etc  
Planning for Design, Development, Testing & Certification:  
Recommended Practices & Avoidance of Pitfalls

### DAY 2

Test, Evaluation and Certification of Mechanical Systems  
Test, Evaluation and Certification of Avionics Systems  
Test, Evaluation and Certification of Engines  
Ground Test safety, Failure Analysis, Defect Investigation, Design failure, Compliance Failure.  
Typical Documentation requirements

### DAY 3

Concept of QA, Organisation of DGAQA, AQA Directives & ATP  
Approval of Firm and its Quality Management System (AFQMS issue III-Aug 2024).  
Overview of Civil Aircraft Certification (Legislation, Key Regulatory Documents (CARs), Additional Guidelines & Procedures and Process Highlights). Ground and Flight Test of Civil Aircraft and Systems  
Flight test and Evaluation. Concept, Flight Critical & Mission Critical Systems. Flight Test Safety.

## WHO TO ATTEND

- Scientists and Engineers associated with aircraft design, development, manufacturing, testing & maintenance of aircraft / aeroengines / components / structure.
- Faculty and students from Institutes offering courses in aeronautical, aerospace and other related engineering courses..