

IIAEM

IIAEM is a collaborative venture between Jain University, SIATI, and leading Aerospace organizations, an initiative never attempted by other Universities. IIAEM has received overwhelming support from academic institutions, R&D laboratories and reputed organizations - like ISRO, HAL, AAI, NAL, Air India, Jet Airways, BIAL, CIAL and many others. Besides involving itself in cutting edge research, the Institute is striving to generate a pool of technical manpower skilled in Aircraft Design, Avionics, Aircraft Maintenance Engineering, Airport Infrastructure & Aviation Management at the UG, PG and Research levels. Within the next few years, the IIAEM is poised to develop into a world-class institution for aerospace research and education.

SIATI

The Society of Indian Aerospace Technologies & Industries (SIATI) has made pioneering efforts in bringing industry, R&D centres both in India and abroad together to enhance self-reliance in aerospace technology and manufacturing. In addition to major aerospace players it has now about 300 small, medium and large scale private industries engaged in development and manufacture of aircraft structures, systems/equipment.

Course Coordinator

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Please send your nominations to

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A Three-day Short Course on

AIRCRAFT PROPULSION



Jointly organized by

**International Institute for Aerospace Engineering
and Management (IIAEM)**

IIAEM

JAIN UNIVERSITY
Declared as Deemed-to-be University u/s 3 of the UGC Act 1956



and

**Society of Indian Aerospace Technologies
and Industries (SIATI)**

from

30th Jan (Wed) to 1st Feb (Fri), 2013 from 9 AM to 5 PM

**Venue:- Aeronautical Society of India, Suranjandas Road &
Old Madras Road Junction, (Opp. to HAL Engine Division &
near to Byappanahalli Metro Station) Bangalore - 560 075**

Speakers

Dr. K. Tamilmani, Distinguished Scientist & Chief Executive, CEMILAC
Dr. K. Ramachandra, Professor, RVCE & former Director, GTRE
Sri. S. C. Kaushal, Former Director, GTRE
Sri. V. Balakrishnan, Executive Director, Engine Division, HAL
Sri. H. Siddesha, Program Director, Propulsion System & LCA (Mk II), ADA
Dr. K. Murugesan, Former Head of Propulsion, NAL
Dr. S.K. Bhaumik Scientist 'G', Deputy Head - Materials Science Division, NAL
Mr. G. Gouda, Scientist 'G', RCMA, CEMILAC
Sri. Kishore Prasad D, Scientist 'G', GTRE
Sri. Rajeev Jain, Scientist 'F', GTRE

About the workshop

Aerospace field is sophisticated and interdisciplinary involving leading edge technology. This short course on Aircraft Propulsion deals with the overall perspective of Aero-engine design and development, manufacturing of Aero-engine parts and its integration with aircraft. It also covers topics on gas turbine engine performance, its airworthiness aspects and failure analysis of aero-engine parts. The defined dimensions of all these aspects embedded in various systems of Aero-engines acting together in integration with the aircraft make sure that the flight is safe. This course is designed to provide a common platform for exchange of ideas and trends in aero-engine technologies. It will also help in creating awareness of Quality Management aspects. The objective of this course is to expose the participants and reiterate the importance of aircraft propulsion and the development that are taking place to make safe flying.

Faculty

Knowledge and expertise will be shared by the experts from Aerospace / Aircraft industries, R & D laboratories, regulatory agencies and academicians.

Who would benefit

- Scientists and Engineers associated with the design, development, manufacturing, testing certification and operation of the Aircraft / Helicopter Engines.
- Faculty and students from Institutes offering courses in Aeronautical / Aerospace and Aircraft Maintenance Engineering.

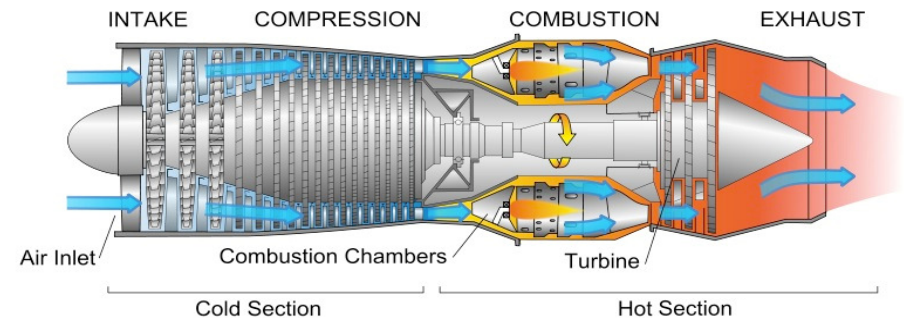
Registration Fee per Participant

Corporate ----- : ₹ 8,000/-
Academic, R&D Labs & Govt. Orgns : ₹ 6,000/-
Students ----- : ₹ 3,000/-

Fee discount can be availed for a group of 5 participants

Program Content

1. Aero-engine development for Self Reliance.
2. An Overview of Aircraft Propulsion with regard to Civil & Defence Applications.
3. Manufacturing of Aero-Engine Parts.
4. Aero-Engine Lubrication & Cooling.
5. Gas Turbine Engine Performance.
6. Failure Analysis of Aero-Engine parts.
7. Air worthiness aspects of Aero-Gas Turbine Engines.
8. Aircraft Engine Integration.
9. Snippets of Propulsion.
10. Conducting Investigation of Aero-engine component failures.



(Registration fee includes participation fee, tea-coffee-snacks, working lunch & lecture material. The registration details along with DD / Cheque drawn in favor of 'IIAEM', Bangalore should reach our office before 23rd January, 2013).