

IIAEM

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

SIATI

The Society of Indian Aerospace Technologies & Industries (SIATI) have made pioneering efforts in bringing industry, R&D collaborations within India and with overseas organizations 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/equipments.

Contact

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IIAEM



**International Institute for Aerospace Engineering
and Management**

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)**

Announces a 3 day course on

GAS TURBINE ENGINES

from 23rd to 25th June 2011

**Venue: Aeronautical Society of India Building,
Suranjandas Road, Off Old Madras Road, Bangalore - 560 075**



Coordinators

Mr. B.S. VEDAPRAKASH - Scientist Emeritus, DRDO & former Group Director, CEMILAC

Mr. H.N. SUDHINDRA - Professor, IIAEM, JAIN University

About the course

This course covers the topics associated with the design, development, manufacture and ground / flight testing of Aero Gas Turbine Engines in India. The lectures are tailored made for the practicing engineers / scientists involved in the design, manufacturing, testing and operation of aircraft engines.

Teaching faculty

Lectures will be delivered by the experts from Aerospace / Aircraft industries, research and development laboratories, regulatory agencies and academicians.

Who would benefit

- Faculty and Final year students from Institutes offering UG/PG degree courses in Aeronautical / Aerospace and Aircraft Maintenance Engineering.
- Scientists and Engineers associated with the design, development, manufacturing, testing, certification and operation of the Aircraft / Helicopter Engines.
- Engineers / Managers from organizations / Industries associated with Aerospace activities.

Programme Schedule (3 day course)

23rd, 24th and 25th June 2011 from 9:00 AM to 5:00 PM

Registration Fee per Participant

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

Fee discount can be availed for a group of 5 participants

(Registration fee includes delegate's fee, tea/coffee, working lunch & lecture material. The registration form & DD/Cheque drawn in favour of 'IIAEM', Bangalore should reach us before 18th June 2011)

TOPICS COVERED

1. Introduction to Gas Turbine Engines
2. Latest Trends in Turbomachines
3. Overview of Aero Engine Development in India
4. Research & Development efforts on small Gas Turbine Units like Starter Units and Engine for Pilotless Target Aircraft
5. Challenges in manufacturing of Gas Turbine Engine Components
6. Rotor Dynamics
7. Engine Control Systems
8. Component Analysis
9. Test facilities and Testing experience
10. Lifting and Life Development of Critical Components
11. Engine - Aircraft integration
12. Flight Testing
13. Failure Analysis
14. Airworthiness Certification

REGISTRATION FORM

GAS TURBINE ENGINES

Name : _____

Designation : _____

Organisation : _____

Address : _____

Telephone : _____

Email : _____

No. of participants: _____

Types of delegates

Corporate Academic/R&D/Govt. Student

Payment details

Amount (in Rs.) : _____

DD/Ch. No. & Date : _____

Name of the Bank : _____

The DD should be drawn in favour of “**IIAEM**” payable at Bangalore & to send before **18th June 2011**, to:-

Mr. Naveen S

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