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.

Please send your nominations to :

Mr. Naveen S, IIAEM (Aerospace Dept.),
Jain University, 319, 17th Cross, 25th Main,
J. P. Nagar 6th Phase, Bangalore 560 078
Ph: 080 43430400 Extn.224, Fax: 080 26532730
Mob: 09341324960, Email: iiaem@jainuniversity.ac.in
Web: iiaem.jainuniversity.ac.in

A 3-day Short Course on

AEROSPACE MATERIALS

23rd Short Course 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

SIATI

Society of Indian Aerospace Technologies and Industries (SIATI)

from

10th (Thu) to 12th (Sat) September, 2015 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

Course Coordinators

Dr. N.G.R. Iyengar, Prof. (Retd.) IIT-K and Mentor, IIAEM

Dr. P. Raghothama Rao, Scientist (Retd.), CEMILAC, DRDO

About the Course

This course covers conventional advanced materials used in Aerospace structures as well as Aerospace Engines. Properties, processes and applications, ideally suited for practicing engineers, designers, manufacturing engineers, aircraft engineers, maintenance engineers and engineering students.

Faculty

Knowledge and expertise will be shared by the experts from Aerospace / Aircraft manufacturing industries, inspection & testing, research & development laboratories, and academicians.

Who would benefit

- Scientists and Engineers associated with the design, development, manufacturing & testing of the Aircraft / Helicopter and also involved in quality assurance and certification, R&D laboratories.
- Faculty and students from Institutes offering courses in Aeronautical / Aerospace, Mechanical / metallurgy and material science.

Registration Fee per Participant

Corporate	₹ 9,000/-
Academic, R&D Labs & Govt. Orgns	₹ 7,500/-
Students	₹ 5,000/-

Fee discount can be availed for a group of 5 participants

(Registration fee includes participation fee, lecture material, working lunch etc. The registration details (Name, Designation, Organization, full contact details) along with DD / Cheque drawn in favor of **'IIAEM'**, Bangalore should reach our office before **5th Sept., 2015**).

Program Content

1. Overview of Aerospace Materials
2. Fuel, Oils and Lubes
3. Non Destructive Tests
4. Smart Materials
5. Airworthiness Certification of Materials / Components
6. Light Alloys
7. Failure Analysis for Corrective Measures
8. Powder Metallurgy Products
9. Steels for Aircraft Applications
10. Nickel Based Super-alloy
11. Composite Materials