

Jain University

Jain University is declared as Deemed-to-be-University. It is member of Jain Group of Institutions (JGI). JGI owes its establishment to the visionary chairman, Dr. R. Chenraj Jain and is today a bouquet of 59 institutions with over 30000 students on its rolls. Jain University offers UG, PG & Research programmes in the disciplines of Engineering, Humanities, Sciences, Social Sciences, Commerce and Management with a vision of “Nation building through Excellence in Quality Education, Research and Entrepreneurial Development”.

SIATI

The Society of Indian Aerospace Technologies & Industries (SIATI) have made pioneering efforts in bringing industry, R&D collaborations within India and with overseas organisations 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. SIATI was founded on the initiative taken by Dr. C.G. Krishnadas Nair.

CONTACT

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International Institute for Aerospace Engineering and Management (IIAEM)

Jain University, Bangalore

and

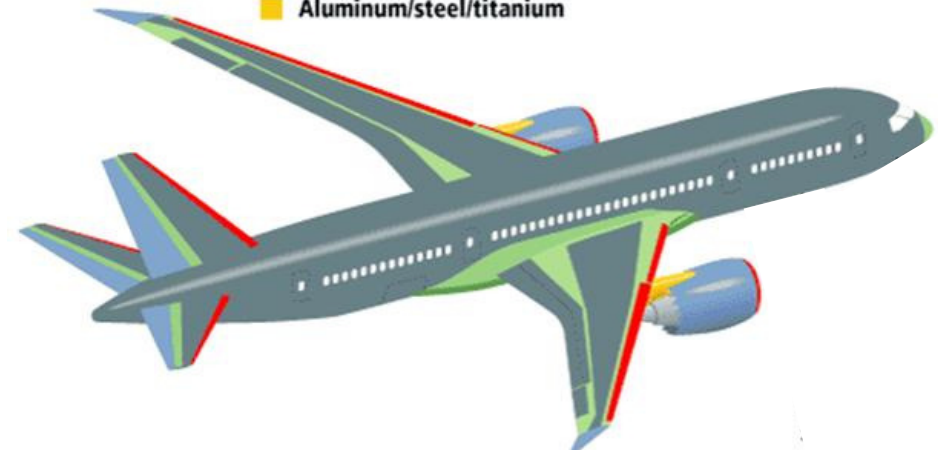
Society of Indian Aerospace Technologies and Industries (SIATI)

Announces a 4 day course on

AEROSPACE MATERIALS

from 2nd to 5th February 2011

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



Coordinators

Dr. P. Raghotham Rao, Scientist (Retd.), Ex CEMILAC / DRDO
Dr. N.G.R. Iyengar, Dean, Aerospace Programs, IIAEM

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 and maintenance engineers.

Teaching faculty

Lectures will be delivered by experts from Aerospace / Aircraft industries, Research Laboratories and Regulatory Authorities.

Who would benefit

- Faculty and Final year Students from institutes offering Diploma/U.G./P.G. courses in Aeronautical Engineering / Aircraft Maintenance Engineering.
- Scientists & Engineers associated with design & manufacture of Aircrafts / Helicopters & Equipment and involved in quality assurance and certification, R&D laboratories.
- Engineers / Managers from Aerospace Software Companies.

Programme Schedule (4 day course)

2nd, 3rd, 4th, and 5th February 2011 from 9.00 am to 5 pm

Registration Fee per Participant

Corporate ----- : Rs. 9,000/-
Academic, R&D Labs & Govt. Orgns : Rs. 7,000/-
Student ----- : Rs. 3,500/-

(Registration fee includes delegate's fee, tea/coffee, working lunch & lecture material. The registration form & DD drawn in favour of 'IIAEM', Bangalore should reach us before 31/Jan/2011)

Topics Covered

1. Overview of Aerospace Materials
2. Light Alloys
3. Fuel, Oils & Lubes
4. Powder Metallurgy Products
5. Composites
6. Super Alloys
7. Elastomers
8. Aerospace Materials
9. Alloy Steels
10. Component Development & Evaluation
11. Smart Materials
12. Destructive Tests
13. Metallography
14. Non Destructive Tests
15. Failure Analysis
16. Airworthiness Certification

