

## 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 :-

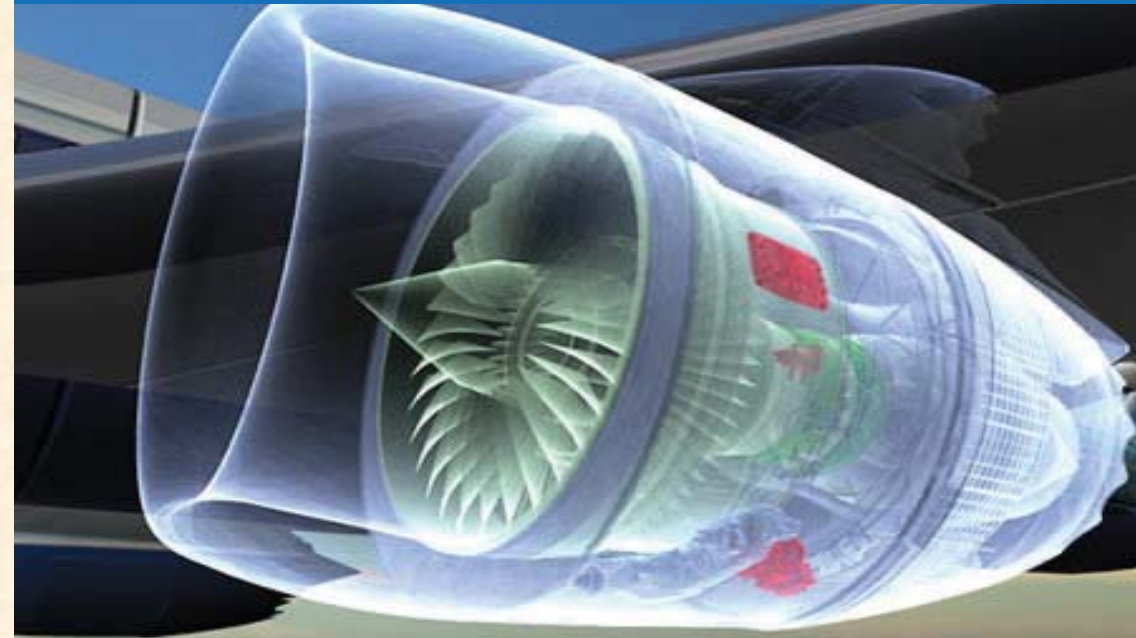
Dr. Antonio Davis, Professor, IIAEM, Jain University  
Email: [antonio.davis@jainuniversity.ac.in](mailto:antonio.davis@jainuniversity.ac.in)

### Please send your nominations to:-

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

A 2-day short course on

# Aero Engine Technologies



21<sup>st</sup> 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



Society of Indian Aerospace Technologies  
and Industries (SIATI)

from

11<sup>th</sup> (Tue) & 12<sup>th</sup> (Wed.) November, 2014 from 9 AM to 5 PM

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

## Speakers

Shri. K. Ankaiyan, Consultant, TCS  
Shri. V. Balakrishnan, Former Executive Director, Engine Division, HAL  
Shri. D. Kishore Prasad, Scientist 'G', GTRE  
Dr. Kishore Kumar, Scientist 'G', GTRE  
Air Vice Marshal (Retd.) B.K. Murali, AVSM, VSM  
Prof. B.N. Raghunandan, IISc  
Dr. R. Rajendran, Joint Head, Propulsion Division, NAL  
Dr. K. Ramachandra, CEO, NP-MICAVs: NDRF & Former Director, GTRE  
Dr. Ramanarayanan, Director, GTRE  
Shri. Sasikumar Muthusamy, Technical Manager, System Design, Rolls-Royce Operations India Pvt Ltd (RROIPL)  
Dr. Antonio Davis, Professor, IIAEM  
Shri. Allamaprabhu, Assistant Professor, IIAEM

## About the course

The objective of this 2-day short course on Aero Engine Technologies is to expose the current trends in Aero-Gas Turbine Propulsion. The topics cover state of the art and emerging technologies in Civil & Military Aero Engines.

## Faculty

Knowledge and expertise will be shared by the experts from Aerospace / Aircraft engine industries, research & development organizations and academicians.

## Who would benefit

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

## Registration Fee per Participant

Corporate ..... : ₹ 7,000/-  
Academic, R&D Labs & Govt. Orgns : ₹ 5,000/-  
Students ..... : ₹ 3,000/-

Fee discount can be availed for a group of 5 participants

(Registration fee includes participation fee, lecture material, working lunch, etc. The registration form along with DD / Cheque drawn in favor of 'IIAEM', Bangalore should reach our office before 8<sup>th</sup> November, 2014).

## Program Includes

- Self reliance in aero engine development-challenges and opportunities
- Trends in Aero-Gas Turbine Propulsion
- Flow studies in Centrifugal Compressor Stage
- Technology Advancement in Civil Aero Engines: Evolution of TRENT and Beyond
- Research in Fuel Atomization in the context of Aerospace Propulsion
- Aero Engine structural aspects
- Design, Development & Testing of Aircraft Gas Turbine Engines
- Emerging technologies - Civil and Military Aero Engines
- Manufacturing aspects in Aero Engines

