



**NATIONAL SEMINAR  
ON  
RECENT TRENDS IN  
FLIGHT SIMULATOR TECHNOLOGIES  
OPPORTUNITIES AND CHALLENGES  
(RTFST-2026)**



**15<sup>th</sup> May 2026**

**Venue**

**Old HAL Management Academy  
29/32, Suranjan Das Rd,  
Bengaluru - 560017**



**ENHANCED SAFETY  
& RISK MANAGEMENT**

Key Benefit



**COST-EFFECTIVENESS  
& EFFICIENCY**

Key Benefit



**SKILL DEVELOPMENT  
& PROFICIENCY**

Key Benefit



**REALISTIC TRAINING  
ENVIRONMENT**

Key Benefit



**FLEXIBILITY &  
CONVENIENCE**

Key Benefit



**IMPROVED  
DECISION-MAKING**

Key Benefit

**JOINTLY ORGANISED BY**

**Aeronautical Society of India (AeSI)  
Bangalore Branch**

**Madras Institute of Technology Alumni Association (MITAA-BC)  
Bangalore Chapter**



## Seminar Overview

The National Seminar on “Recent Trends in Flight Simulator Technologies – Opportunities and Challenges” aims to provide a comprehensive platform for defence service personnel, Pilots, academicians, researchers, industry professionals, and students to explore the rapid advancements in flight simulator technologies for Aerospace domains. Flight Simulators have become indispensable training tools in areas such as aviation, defence, education, and virtual training, offering cost-effective, safe, and realistic environments for learning, testing, and flight and aero data matching, decision-making.

This seminar will highlight emerging trends including virtual and augmented reality-based simulators, real-time data integration, and immersive training environments. It will also address key challenges such as system complexity, validation, accuracy and scalability.

Through expert talks, technical sessions, and interactive discussions, participants will gain insights into current research, industrial applications, and future directions of simulator technologies. The seminar seeks to foster interdisciplinary collaboration, encourage innovation, and bridge the gap between academia and industry. Ultimately, it aims to equip participants with a deeper understanding of how simulator technologies can be effectively leveraged to enhance performance, safety, and efficiency while addressing the practical challenges involved in their adoption and implementation.

## The Aeronautical Society of India

The Aeronautical Society of India established in 1948 is a body of professionals in Aerospace Technology and Research and has the headquarters at New Delhi. It has eighteen branches in India and one overseas. Pandit Jawaharlal Nehru was the first Patron-in-chief of the society. The Society has more than 14000 members drawn from all major Aeronautical establishments such as Defence Research & Development Establishments (DRDO), Hindustan Aeronautics Limited, DGCA, Academic Institutions, Aeronautical Development Agency, Indian Air Force, Indian Space Research Organization, CSIR-National Aerospace Laboratories, National Airports Authority of India, Private Industries and private airlines. Most of the organizations / industries in this field and abroad are Corporate Members of the society. The objectives of the Society are to promote the advancement and diffusion of knowledge in the field of Aeronautical Sciences and Aircraft engineering and the elevation of the aeronautical profession. The Aeronautical Society of India is the only forum in the country that provides intense interaction between professionals from all facets of civil and military aviation as well as the manufacturing/training/maintenance agencies. Over the years, the Aeronautical Society of India has generated a large pool of Aviation manpower through non-formal education and training Programmes. The Bangalore Branch of Aeronautical Society of India, pursuing the society's promotional activities in presenting aerospace technology through seminars, trade fairs, symposium etc.

## MIT Alumni Association- Bangalore Chapter

Madras Institute of Technology (MIT) is an engineering institute located in Chromepet, Chennai, India. It is one of the four autonomous constituent colleges of Anna University. It was established in 1949 by Chinnaswami Rajam as the first self-financing engineering institute in the country and later merged with Anna University. The institute was among the first educational institutions in India to offer new areas of specialization, such as Aeronautical Engineering, Automobile Engineering, Electronics Engineering and Instrumentation Technology. Also has Production Technology, Rubber Technology and Master programme in Avionics and Mechatronics. Many of the past students are holding key positions in various defence research establishments (DRDO), HAL, ISRO, NAL and private sector organizations and multinational companies both within the country and abroad.

The Bangalore Chapter of MIT Alumni Association is actively engaged in promoting exchange of technical information among its members by organizing technical seminars/ lectures and among the engineering community. The MIT Alumni Association which has a strong base of such experienced professionals is arranging this seminar to bring the experts to disseminate information about latest Trends and Challenges in Aerospace Technologies.



## Participant's Profile

- Service Pilots, Engineers, Technicians
- Flight Simulator developers /MSME/Entrepreneurs / Manufacturing Industries  
- Flight Training Instructors, Trainee pilots
- Scientists/Engineers in R&D Laboratories and Industries
- System Designers and Developers
- Students / Faculty members of Academic Institutions

## Registration fees:

Rs. 5000/ - per delegate

(10% discount on Rs5000/ - for Defence Service Personnel )

Rs. 4000/- per AeSI Member

Rs. 2500 / - per Student delegate

Registration form along with registration fee may be sent along with a cheque/ draft drawn in favor MITAA BC SEMINAR to the address given below or details of delegates can be sent to email ids with details of registration fees transferred through NEFT/RTGS/IMPS as per bank account details mentioned:

Account Name : MITAA BC SEMINAR

Bank : SBI, ADE Branch, Bangalore

Current Account Number : 44952782486

IFSC Code : SBIN0006538

## Contact address:

Chairman & Convener - RTFST-2026

The Aeronautical Society of India - BB Building,  
Suranjandas Road, New Thippasandra post,  
Bangalore – 5600075

Phone / Fax: + 91-80-25297159 - 25286721

Mob : 9449661655/9845757336/9632553549

E-mail : [aesi.bangalore75@gmail.com](mailto:aesi.bangalore75@gmail.com)

[rtfst2026@gmail.com](mailto:rtfst2026@gmail.com)



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