

National Seminar
on
"Recent Trends in Flight Simulator Technologies- Opportunities and Challenges"
(RTFST 2026)

The Aeronautical Society of India (AeSI), Bangalore Branch, in association with MITAA BC, successfully organised the National Seminar RTFST 2026 on 15th May 2026 at the HAL Old HMA Auditorium, Bangalore. The event brought together scientists, defence officials, industry leaders, and aviation professionals to explore the latest developments, opportunities, and challenges in flight simulator technologies.

The inaugural ceremony was graced by Chief Guest Shri Ajay Kumar Shrivastava, Director (Engineering and R&D), HAL, whose address highlighted the strategic importance of simulation in pilot training and operational readiness. Air Commodore MPS Virk, PD (Systems), IAF PMT, ADA Bangalore, delivered the Keynote Address, setting a strong technical foundation for the day's deliberations.

The seminar was structured across three technical sessions. The first two sessions, focused on military flight simulator technologies, covered topics including futuristic combat simulator requirements, COTS-based training technologies, new frontiers in simulation systems, and opportunities for MSMEs in the flight simulation business. The third session addressed civil aviation simulators, featuring presentations on flight dynamics modelling for high-fidelity systems and the development and certification of civil flight simulators.

Eminent speakers from organisations including HAL, BEL, ADE, NAL, IAF, and leading industry partners contributed to a rich and productive exchange of knowledge. The seminar concluded with an appreciation for the growing need for indigenous simulator development and stronger public-private collaboration in India's aerospace ecosystem.

Six companies sponsored the seminar and there were 8 invited talks each 30 minutes by hands on experienced professional in Simulator Technologies and 4 Sponsor talks for 15 to 10 minutes each.

A total of 125 plus delegates had registered for the seminar from DPSUs ,DRDO /CSIR Labs and MSMEs & Pvt companies as part of added social responsibility, had spread awareness on rehabilitation services that includes support for higher education done by Samiksha Foundation Bangalore an NGO for the children affected with cancer post treatment phase. The brochure was kept in the seminar kit. Those who are interested can get in touch with the NGO and support the cause to the extent possible please at <https://samikshafoundation.org>

