



## National Seminar on

# “Recent Trends in Flight Simulator Technologies - Opportunities and Challenges”



(RTFST 2026)

Venue: HAL Old HMA Auditorium, Suranjandas Road, Bangalore-560017

Date: 15<sup>th</sup> May 2026 -Friday

### Programme Schedule

09.00-09.30	<b>Registration</b>	
9:30-9:35	Welcome Address	<b>SHRI BALAKRISHNAN</b> Vice Chairman AeSI, Bangalore Branch
9:35-9:40	About the Seminar	<b>SHRI P SWAMINATHAN</b> Chairman Organizing Committee
9:40-9:55	Chief Guest Address	<b>SHRI AJAY KUMAR SHRIVASTAVA</b> Director (Engg and R&D) HAL
9:55-10:25	Key Note Address	<b>AIR COMMODORE MPS Virk</b> PD (Systems) , IAF PMT ADA Bangalore
10:25-10:30	Vote of Thanks	<b>Shri CU Hari</b> President MITAA BC & VC AeSI , BB
10.30-11:00	<b>HIGH TEA</b>	

11:00 hrs – 13:15hrs Session II: [FLIGHT SIMULATOR OPPORTUNITIES & TECHNOLOGIES-I](#)

<b>Session Chair: Shri. R Arunachalam Scientist Retd ISRO</b>		
<b>Co-Chair: Shri. T V R Premnath, Technical Consultant, HAL, Bangalore</b>		
11.00-11.30	1. “Futuristic Military Training and Combat Simulator Requirement”	<b>Gp Capt Chandrashekar, IAF PMT , ADA , Bangalore</b>
11.35-12.05	2. Flight Simulator for Training – COTS based technologies	<b>Shri. Tanmoy Basu, DGM(D), MCSRDC, HAL, Bangalore</b>
12.10-12.40	3. "New Frontiers in Flight Simulator Technologies: An Overview"	<b>Shri Magesh Scientist G, ADE, Bangalore</b>
12.45-13.00	4. Sponsor Talk	<b>Shri Kartavya Mohan Gupta, M/s Aerx Labs, Bangalore</b>
13:05-13.15	5. Sponsor Talk	<b>NFOTEC DIGITAL ENGINEERING</b>
13.15-14.00	<b>LUNCH</b>	

**14:00 hrs – 15:55 hrs Session II: [FLIGHT SIMULATOR OPPORTUNITIES & TECHNOLOGIES-II](#)**

<b>Session Chair: Shri. Jayapal P Former CE CEMILAC, Co-Chair: Dr VijayaKumar, Scientist F ADE</b>		
14.00-14.30	5. Trend, Opportunities and Challenges in Training Simulators for IAF	<b>Shri Atul Rathore DGM BEL &amp; Ms Kalpana DGM BEL</b>
14.35-15:05	6. Flight simulation business from MSME perspective	<b>Shri Kartavya Mohan Gupta, M/s Aerx Labs, Bangalore</b>
15.10-15.25	7. Sponsor Talk	<b>Rep M/s Alpha Design Technologies, Bangalore</b>
15.25 - 15.55	8. Challenges in operation and maintenance of flight simulator	<b>Rep M/s Alpha Design Technologies, Bangalore</b>
16:00-16:15	<b>Tea Break</b>	

**16:15hrs – 17:35 hrs Session III: [CIVIL FLIGHT SIMULATOR TECHNOLOGIES](#)**

<b>Session Chair: Shri TK Sundara Murthy Former Mission Director ISRO Co-Chair: Ms. Anbuselvi Senior DGM Retd BEL</b>		
16.15-16.45	9. "Development of Flight Dynamics Model for High Fidelity Simulators"	<b>Dr. Lathasree P Chief Scientist, Flight Mechanics and Control Division NAL</b>
16.50-17:20	10. Civil flight simulator development and certification	<b>Shri. Sumit Agarwal, DGM – Design, MCSRDC, HAL,</b>
17:25: 17:35	12. Sponsor Talk	<b>Shri Pramukh M S Dassault Systemes</b>

**17:35 hrs- 17:40 hrs –Concluding remarks & Vote of Thanks Co- Chairman Shri TVR Premnath – Organizing Committee**