

### About AeSI:

The Aeronautical Society of India (AeSI), was established in 1948, under the patronage of the Hon'ble Prime Minister of India, with a vision to spearhead the growth of aeronautics & aerospace in the country. The objective of the Society is to promote the advancement and dissemination of knowledge of Aeronautical & Aerospace Sciences/Technologies. With 18 branches across the nation, a dedicated journal office, two design divisions, and with a robust membership exceeding 15,000 professionals, over 10,000 student members and 66 corporate members, AeSI has been at the forefront, pioneering advancements in aeronautics & aerospace and fostering a connected ecosystem of Services, R&D organisations, industry & academia, propelling India towards global leadership.

### About AeSI, Pune:

Pune Branch, the 15<sup>th</sup> branch of AeSI was declared open on 09<sup>th</sup> Dec 2003, the first centennial of flight. Shri NR Mohanty, Chairman & CEO, HAL, laid the foundation stone of Pune branch and Late Prof. PU Deshpande, Former Director, ARDE, Pune was elected as its first President. The vision of the branch is to leverage & synergize the collective strengths of Services, R&D organisations, industries and academia, to place Pune firmly on the aerospace map of the world as a global center of excellence. With this vision in mind, in the last 20 years, the branch has successfully organized several seminars, conferences, workshops, aero-shows, aero-modelling courses, student competitions, lectures & webinars on topics related to aeronautics & aerospace.

### About the Conference:

As we approach the milestone of India's centennial year of Independence in 2047, the vision of Viksit Bharat (developed India) requires focused and innovative strategies to tackle challenges across various fields & sectors, particularly in the aviation & aerospace domain. The conference aims to bring together policymakers, R&D organizations, industry leaders & academia, and features eminent speakers from across the globe to discuss the current challenges, explore emerging trends, and propose strategic solutions to bolster India's capabilities in line with the aspirations for a self-reliant and globally competitive aerospace sector. The conference will include presentations by experts & deliberations on the following topics:

- Emerging Technologies in Aerospace
- Space Exploration and Satellites
- Advanced Aerospace Materials and Manufacturing
- Regional Transport Aircraft & Urban Air Mobility
- Advanced Combat Aircraft Design & Propulsion Systems
- Green Aviation & Aerospace Technologies
- Autonomous & Unmanned Aerial Systems
- Artificial Intelligence & Automation in Aviation
- Air Traffic & Space Traffic Management Systems
- Industrial Growth in the field of Aerospace & Aviation
- Public-Private Partnerships in Aerospace & Aviation
- Testing and Research Facilities

### About Pune:

Pune is a vibrant city located in the western state of Maharashtra, India. Often referred to as the "Oxford of the East", Pune is known for its rich history, educational institutions, and cultural diversity. The city is home to prestigious universities, including the University of Pune, and has a thriving student population. Pune is also an important center for business, information technology (IT), defence and automotive industries. The climate is pleasant throughout the year, with mild winters and moderate summers, which makes it a popular destination for both residents and tourists. Today, the city is a blend of traditional and modern, and a growing cosmopolitan lifestyle.

#### Registration Link



#### Payment Details for Registration & Sponsorships

Account Name	:	The Aeronautical Society of India
Account Number	:	0495000100144217
IFSC Code	:	PUNB0049500
Bank & Address	:	Punjab National Bank, Pashan Branch, Pune
Cheque drawn in favour of	:	The Aeronautical Society of India

#### Payment Link



UPI ID: 9423218371m@pnb

For more details visit : [www.aesipune.in](http://www.aesipune.in)  
Contact Nos. : +91 94232 18371 / 94223 46076 / 93715 54984 / 93079 61156



# National Conference on "Challenges in Aerospace for Viksit Bharat - 2047"

&

## 73<sup>rd</sup> Annual General Meeting of The Aeronautical Society of India



Venue:

**Dr. APJ Abdul Kalam Auditorium  
NDA Road, Pashan, Pune**



Date:

**31<sup>st</sup> January & 01<sup>st</sup> February 2025**

Organized by:



**THE AERONAUTICAL SOCIETY OF INDIA  
PUNE BRANCH**



## Program Schedule

### Day - 01: 31<sup>st</sup> January 2025

- 08.30 - 10.00 : Reception & Registration  
 10.00 - 11.25 : Inaugural Session  
**11.25 - 11.40 : High Tea (at Conference Venue)**  
 11.40 - 12.00 : Inauguration of Exhibition Stalls (Industries & Start-ups)

#### TECHNICAL SESSION - 01 (SPACE VEHICLES, SATELLITES, DEEP SPACE EXPLORATION)

- 12.00 - 12.20 : **Prof. Satish Dhawan Memorial Lecture** : Dr. S Somanath, *Former Secretary, Dept. of Space & Chairman ISRO*  
 12.20 - 12.40 : Invited Talk : Prof. Maruthi R Akella, *Professor, University of Texas at Austin, USA*  
 12.40 - 12.55 : Invited Talk : Dr. D Sam Dayala Dev, *Former Director, IISU, Thiruvananthapuram*  
 12.55 - 13.10 : Invited Talk : Dr. AN Ramaprakash, *Associate Director, IUCAA, Pune*  
 13.10 - 13.25 : Session Interaction  
**13.25 - 14.10 : Lunch (at Conference Venue)**

#### TECHNICAL SESSION - 02 (CIVIL AVIATION, RTAs & AERO ENGINES)

- 14.10 - 14.30 : **JRD TATA Memorial Lecture**  
 14.30 - 14.50 : **Dr. P Neelakantan Memorial Lecture** : Dr. Abhay Anant Pashilkar, *Director, CSIR-NAL, Bengaluru*  
 14.50 - 15.05 : Invited Talk : Shri. Vipin Kumar, *Chairman, Airport Authority of India*  
 15.05 - 15.20 : Invited Talk : Mr. Nikhil Rao, *Director & Chief Engineer, Boeing India Engineering & Technology Centre*  
 15.20 - 15.35 : Session Interaction  
**15.35 - 15.50 : Evening Tea (at Conference Venue)**  
 15.50 - 17.00 : AGM Business Session  
 18.30 - 20.00 : Cultural Program (at Conference Venue)  
**20.00 - 22.30 : Dinner (at AROMI)**

### Day - 02: 01<sup>st</sup> February 2025

#### TECHNICAL SESSION - 03 (COMBAT AIRCRAFTS & AEROSPACE)

- 10.00 - 10.20 : **Dr. Kalpana Chawla Memorial Lecture** : Dr. K Rajalakshmi Menon, *DS & DG (Aero Systems), DRDO*  
 10.20 - 10.35 : Invited Talk : Dr. Jitendra J Jadhav, *DS & Director General, Aeronautical Development Agency (ADA), MoD*  
 10.35 - 10.50 : Invited Talk : Mr. Anirudh Sharma, *CEO, Digantara, Bengaluru*  
 10.50 - 11.05 : Invited Talk : Mr. Rupesh Gandupalli, *Co-Founder & CEO, XDLINX Space Labs, Hyderabad*  
 11.05 - 11.20 : Session Interaction  
**11.20 - 11.35 : High Tea (at Conference Venue)**

#### TECHNICAL SESSION - 04 (MISSILES SYSTEMS)

- 11.35 - 11.55 : **Bharat Ratna Dr. APJ Abdul Kalam Memorial Lecture** : Shri U Raja Babu, *DS & DG (MSS), DRDO*  
 11.55 - 12.10 : Invited Talk : Commodore A Madhavarao (Retd.), *Chairman & MD, BDL, Hyderabad*  
 12.10 - 12.25 : Invited Talk : Prof. Sudarshan Kumar, *Dean (International Relations), Dept. of Aerospace Engineering, IIT, Bombay*  
 12.25 - 12.40 : Invited Talk  
 12.40 - 12.55 : Session Interaction  
**12.55 - 13.45 : Lunch (at Conference Venue)**

#### TECHNICAL SESSION - 05 (UAVs, DRONES & HELICOPTERS)

- 13.45 - 14.05 : **Dr. Biren Roy Memorial Lecture** : Dr. DK Sunil, *Chairman & Managing Director, HAL*  
 14.05 - 14.20 : Special Invited Talk  
 14.20 - 14.35 : Invited Talk : Mr. Saravanan Rajarajan S, *Associate Vice President - Solution Consulting, RAMCO Systems*  
 14.35 - 14.50 : Invited Talk : Prof. K Senthil Kumar, *Professor & Director, Dr. Kalam Advanced UAV Research Centre, MIT, Chennai*  
 14.50 - 15.05 : Session Interaction  
 15.05 - 16.35 : **Open Forum Interaction with Start-up & Industries** (50 min Presentation, 40 min Interaction)  
 16.35 - 16.55 : Award Ceremony & Vote of Thanks  
 16.55 - 17.00 : National Anthem  
**17.00 - 17.15 : Evening Tea (at Conference Venue)**

Category	AeSI Members	Non-Members	Benefits & Privileges
<b>Platinum</b>	Rs. 09 Lakhs	Rs. 10 Lakhs	<ul style="list-style-type: none"> <li>5 delegates</li> <li>3 min video display between talks</li> <li>Exhibition Stall</li> <li>Cover Page Advertisement</li> <li>Logo Display</li> </ul>
			<ul style="list-style-type: none"> <li>3 delegates</li> <li>2 min video display</li> <li>Exhibition Stall</li> <li>Full Page Advertisement</li> <li>Logo Display</li> </ul>
<b>Gold</b>	Rs. 06 Lakhs	Rs. 07 Lakhs	<ul style="list-style-type: none"> <li>2 delegates</li> <li>2 min video display</li> <li>Exhibition Stall</li> <li>Half Page Advertisement</li> <li>Logo Display</li> </ul>
			<ul style="list-style-type: none"> <li>2 delegates</li> <li>2 min video display</li> <li>Exhibition Stall</li> <li>Half Page Advertisement</li> <li>Logo Display</li> </ul>

Advertisements	Amount (Rs.)
Front Inner Page	Rs. 1,00,000 /-
Back Outer Cover	Rs. 1,00,000 /-
Back Inside Cover	Rs. 75,000 /-
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Exhibition Stall	Amount (Rs.)
Industries	Rs. 75,000 /-
Start-ups	Rs. 1,000 /-

Registration Fees	AeSI Members	Non-Members
Delegates	Rs. 4,000 /-	Rs. 20,000 /-
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