



## International Conference on Space 2025

*Harnessing Space for Global Progress: Innovation, Policy, and Growth*

**8 – 9 September 2025: Taj Yeshwantpur, Bengaluru, India**

### PROGRAMME GRID

DAY 1 – 8 <sup>th</sup> September 2025	
0730 - 0950 Hrs	Registration
1000 - 1130 Hrs	Inaugural Session
<b>1130 - 1155 Hrs</b>	<b>Tea Break</b>
1200 - 1300 Hrs	Bridging the Gaps in Achieving India's Space Vision
<b>1300 - 1350 Hrs</b>	<b>Networking Lunch</b>
1400 – 1500 Hrs	Role of the Private Sector in Expediting NewSpace Economy
1500 - 1600 Hrs	Towards Self-Reliance: Strengthening Indigenous Capabilities in Space Sector
1600 - 1715 Hrs	Next-Gen Satellite Communication: Enabling 5G/6G, IoT, EmTech and National Resilience
DAY 2 – 9 <sup>th</sup> September 2025	
1000 – 1100 Hrs	Exploring New Markets and Unlocking Opportunities through Earth Observation and Satellite Data
1100 – 1200 Hrs	Empowering Innovation: Role of Startups in Shaping Space Ecosystem
1200 – 1300 Hrs	Leveraging International Collaboration for Sustainable Exploration, Innovation, and technology
1300 – 1400 Hrs	Enhanced Focus on the Complementary Dimension of the Space – Defence Relationship
<b>1400 – 1450 Hrs</b>	<b>Networking Lunch</b>
1500 – 1600 Hrs	Shaping the Future: Building Talent and a Skilled Workforce for India's Emerging Space Economy
1610 – 1715 Hrs	Valedictory Session
1715– 1730 Hrs	<b>Networking Tea/ Coffee</b>



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1000 - 1130 Hrs **Inaugural Session**

1130 - 1150 Hrs **Tea Break**

### DAY 1- 8 SEPTEMBER 2025

#### DAY 1- Session 1

#### 1200 - 1300 Hrs **Bridging the Gaps in Achieving India's Space Vision**

India stands at a transformative juncture in its space journey— with a decadal vision that charts an ambitious roadmap towards becoming a globally competitive space power. While policy reforms, ISRO's mission successes, and the rise of private players have laid a solid foundation, critical gaps still exist. This session will explore targeted interventions to address these bottlenecks across four pillars: regulatory clarity, access to private capital, advanced R&D infrastructure, and availability of skilled talent.

Bringing together key voices from government and private sector, the discussion will unpack actionable strategies for accelerating space reforms, promoting deep-tech innovation, enabling smoother procurement and licensing frameworks, enhancing tailored risk coverage solutions and strengthening India's public-private model.

1200 - 1203 Hrs Opening remarks & session moderation **Lt Gen Anil Kumar Bhatt (Retd.)**, Director General, ISpA

1203 - 1210 Hrs Special Address **Mr. M Ganesh Pillai**, Scientific Secretary, ISRO, DoS, Gol

1210 - 1300 Hrs Key panelists **Mr. Bijaya Kumar Behera**, Associate Scientific Secretary, ISRO, DoS, Gol

**Mr. Rajeev Jyoti**, Distinguished Scientist & Director-Technical, IN-SPACE, DoS, Gol

**Mr. Arunachalam**, Director (Technical & Strategy), NSIL, DoS, Gol

**Mr. N Balaji**, General Manager, Hindustan Aeronautics Limited

**Mr. Maneck Behramkamdin**, Executive Vice President, Godrej Aerospace

**Mr. Sunil Indurti**, Director, Azista Industries Pvt Ltd.

1300 – 1350 Hrs **Networking Lunch**



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### DAY 1- Session 2

#### **1400 - 1500 Hrs Role of the Private Sector in Expediting New Space Economy**

The private sector is playing a pivotal role in shaping the New Space Economy by driving innovation, attracting investment, and accelerating commercialisation across the entire value chain from manufacturing of components for launch vehicles and satellites in the upstream segment to a wide range of downstream applications.

This session will delve into how private enterprises are spearheading technological breakthroughs, enhancing global competitiveness, and advancing innovation, R&D, commercialisation, investment, infrastructure development and support space value chain in space sector. In this session, the experts will share compelling examples of public-private partnerships that have effectively bridged the gap between government vision and private sector execution.

1400 - 1403 Hrs	Opening remarks & session moderation	<b>Mr Laxmesh BH</b> , Vice President & Head, Larsen & Toubro Ltd.
1403 - 1410 Hrs	Special Address	<b>AVM Dhananjay Khot</b> , Director, INSPACE, DoS, Gol
1410 - 1500 Hrs	Key panelists	<p><b>Dr. Prashanth Reddy Marpu</b>, CTO, Space42, UAE</p> <p><b>Mr. Karthik Govindhasamy</b>, CEO &amp; MD, Antaris India</p> <p><b>Mr. Nitish Singh</b>, Co-Founder &amp; CEO, Astrogate Labs</p> <p><b>Mr. PJ Nath</b>, Managing Director, Tata Nelco</p> <p><b>Mr. Kiran Sharma</b>, CTO &amp; Co-founder, Kepler Aero</p>



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**DAY 1- Session 3**

**1500 - 1600 Hrs**      **Towards Self-Reliance: Strengthening Indigenous Capabilities in Space Sector**

India's space sector is undergoing a transformative shift towards self-reliance, with a growing emphasis on strengthening indigenous capabilities across the value chain. With over 200 space startups, the country is witnessing unprecedented private sector engagement. India's ambition to increase its share in the global space economy from the current 2% to 10% by 2033 underscores the urgency to develop domestic capacities in satellite manufacturing, launch systems, ground infrastructure and downstream applications.

The session will explore how India can scale critical technologies, reduce import dependence, and build a resilient and globally competitive space ecosystem through coordinated efforts between industry, government, and startups.

1500 - 1503 Hrs	Opening remarks session moderation	& <b>Mr. Vinod Chippalkatti</b> , President, Centum Electronics
1503 - 1510 Hrs	Special Address	<b>Mr. A Rajarajan</b> , Director, Vikram Sarabhai Space Centre (VSSC), DoS, Gol
1510 - 1600 Hrs	Key panelists	<p><b>Mr. MS Anurup</b>, Director, STPO, ISRO, DoS, Gol</p> <p><b>Mr. Sumit Kumar</b>, Chief Manager, NewSpace India Limited, DoS, Gol</p> <p><b>Mr RV Kaushik</b>, Deputy Director, IN-SPACE, DoS, Gol</p> <p><b>Mr. MV Reddy</b>, Managing Director, Astra Microwave</p> <p><b>Mr. Chirag C. Doshi</b>, Managing Director &amp; CEO, Walchandnagar Industries Ltd</p> <p><b>Mr. Shankar Ghosh</b>, Founding Director, Shell-N-Tube</p>



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### DAY 1- Session 4

**1600 - 1715 Hrs**

#### **Next-Gen Satellite Communication: Enabling 5G/6G, IoT, EmTech and National Resilience**

Next-generation satellite communication systems are poised to become foundational to the digital infrastructure of the future- enabling seamless 5G/6G connectivity, expanding the reach of IoT networks, and bolstering national resilience through secure and ubiquitous coverage. These next-gen satellite technologies are playing a critical role in advancing modern communication and national infrastructure. These advancements promise to bridge digital divides, support critical infrastructure, and enhance real-time data capabilities across urban and remote regions. The session will discuss:

- The pivotal role of satellites enabling advanced network technologies, enhancing remote and rural connectivity, strategic applications and ensuring national resilience.
- How satellite communication can support secure, high-throughput, and low-latency connectivity
- Emerging satellite technologies and their impact across sectors such as agriculture, mobility, disaster response, and defence
- Prioritising infrastructure investments essential for enabling next-generation satellite communication
- Implementing policy and ecosystem level reforms to nurture a globally competitive SatCom sector

1600 - 1603 Hrs	Opening remarks & session moderation	<b>Mr Nipun Aggarwal</b> , Director, Aerospace Defence and Space, KPMG
1603 - 1610 Hrs	Special Address	<b>Dr M Sankaran</b> , Director, URSC ISRO, DoS, GoI
1610 - 1715 Hrs	Key panelists	<p><b>Mr Hanumatharayappa</b>, Director, Satcom, ISRO, DoS, GoI</p> <p><b>Mr Nilanjan Routh</b>, Chief Manager- Satellite Services, NewSpace India Limited, DoS, GoI</p> <p><b>Smt. Sonali Nanda</b>, Deputy Director, IN-SPACE, DoS, GoI</p> <p><b>SES</b></p> <p><b>Mr Ganendra Selvaraj</b>, Chief Commercial Officer, MEASAT International (South Asia) Ltd</p> <p><b>Mr Anurag Gupta</b>, Assistant Vice President and Bangalore Center Head, Hughes</p> <p><b>Mr Ole Madsen</b>, Commercial Director, Gatehouse Satcom</p>



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**DAY 2- 9 SEPTEMBER 2025**

**DAY 2 - Session 5**

**1000 - 1100 Hrs Exploring New Markets and Unlocking Opportunities through Earth Observation and Satellite Data**

Earth Observation (EO) data is revolutionizing critical sectors such as agriculture, climate monitoring, urban planning, Infrastructure Deployment and disaster response. With a projected global market of USD 14.6 billion by 2031, EO is emerging as a key enabler of smarter, data-driven decision-making. In India, EO capabilities are expanding rapidly, with over 50 operational EO satellites contributing to diverse applications including agriculture, disaster management, urban planning & infrastructure development, and climate monitoring.

This session will explore how EO is unlocking new opportunities across sectors, the evolution of EO capabilities in India and globally, and strategic approaches to convert raw satellite data into viable business models. It will also highlight global best practices and emphasize the importance of data accessibility and infrastructure in accelerating EO-driven innovation.

1000 - 1003 Hrs	Opening remarks & session moderation	<b>Dr. Chandra Prakash Singh</b> , Deputy Director- Technical Directorate, INSPACE, DoS, GoI
1003 - 1010 Hrs	Special Address	<b>Mr Nilesh M Desai</b> , Director, SAC, ISRO, DoS, GoI
1010 - 1100 Hrs	Key panelists	<p><b>Dr JV Thomas</b>, Director, EDPO, ISRO HQ, DoS, GoI</p> <p><b>Mr Akshay Mehta</b>, Vice President, Marlan Space &amp; Orbitworks, UAE</p> <p><b>Mr Awais Ahmed</b>, Founder, Pixxel Technologies</p> <p><b>Mr Suyash Kumar</b>, CEO &amp; Co-Founder, GalaxEye Space</p> <p><b>Mr Arpan Kumar Sahoo</b>, Chief Operating Officer, KaleidEO</p> <p><b>Mr. Esben Bach</b>, Business Development Manager, SatLab, Denmark</p>



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**DAY 2 - Session 6**

**1100 - 1200 Hrs Empowering Innovation: Role of Startups in Shaping Space Ecosystem**

The global space economy is projected to surpass USD 1 trillion by 2040, with startups playing a pivotal role through innovations in satellite manufacturing, launch services, and space data analytics. India's space startup ecosystem is rapidly expanding, with over 200 registered ventures as of 2025, supported by IN-SPACE and emerging public-private collaboration frameworks. These startups are democratizing access to space, driving cutting-edge technology development, and positioning India as a competitive space-faring nation. Their innovations are fueling economic growth and enabling applications across sectors making startups key architects of the future space landscape.

This session will provide insights into the current startup ecosystem, highlighting emerging funding opportunities and support frameworks tailored to these agile enterprises. The discussion will explore the roles of incubators, investors and corporate in nurturing space-focused businesses. Additionally, it will examine the challenges faced by startups and recommend actionable strategies to foster a more enabling environment for their growth and long-term success in the space industry.

1100 - 1103 Hrs	Opening remarks & session moderation	<b>Prof Manan Suri</b> , Professor, IIT Delhi
1103 - 1110 Hrs	Special Address	<b>Dr Vinod Kumar</b> , Director- Promotion Directorate, INSPACE, DoS, Gol
1110 - 1200 Hrs	Key Panelist	<p><b>Shri Kapil Kumar Tripathi</b>, Scientist 'F', Technology Development Board, DST, Gol</p> <p><b>Mr Ajay Modi</b>, Director- Investments, Piper Serica Advisors Pvt. Ltd.</p> <p><b>Mr. Rajesh Kumar Adla</b>, CEO, AIC, T-Hub</p> <p><b>Mr Ankit Bhateja</b>, Founder and Director, Xovian Aerospace</p> <p><b>Mr Punit Badeka</b>, Founder, Eon Space Labs</p> <p><b>Mr. Soren Tranberg Hansen</b>, Deputy Head of Mission, Science and Innovation Consul, Consulate General of Denmark</p>



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### DAY 2 - Session 7

**1200 - 1300 Hrs**

#### **Leveraging International Collaboration for Sustainable Exploration, Innovation, and Technology**

International collaboration is pivotal to advancing sustainable space exploration, innovation, and technology development. With over 90 countries now operating in space and participating in the global space economy, such partnerships enable shared expertise, cost optimization, and the accelerated development of cutting-edge technologies. By strategically leveraging global expertise, nations are not only driving scientific breakthroughs but also fostering resilient, inclusive, and future-ready innovations aligned with long-term development goals. India's space sector has evolved significantly through international cooperation. As of 2024, India has signed over 260 space cooperation agreements with more than 60 countries – facilitating joint missions, data sharing, and technology transfer. These alliances have played a key role in strengthening India's scientific capacity and global positioning.

This session will explore how international partnerships can be harnessed to support sustainable space exploration, spur innovation, and enable the co-development of next-generation technologies.

1200 – 1203 Hrs	Opening remarks and session moderation	<b>Mr. Ganesh Mohan</b> , Deputy Director, INSPACE, DoS, GoI
1203 – 1210 Hrs	Special Address	<b>Dr D Gowri Sankar</b> , Director, OIIC, ISRO HQ, GoI
1210 – 1300 Hrs	Key Panelists	<p><b>Mr Sannal Mangesh</b>, General Manager (Satellites), NewSpace India Limited (NSIL), DoS, GoI</p> <p><b>Dr Vitaly Safonov</b>, DDG, Glavkosmos, Russai</p> <p><b>Dr Anton B. Ivanov</b>, Executive Director, Technology Innovation Institute, UAE</p> <p><b>Ms Pearly Pandya</b>, Director- Asia Region Lead, Axiom Space, USA</p> <p><b>Mr. Frederik Thrane Elgaard</b>, APAC Sales Manager, Space Inventor, Denmark</p>



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**DAY 2 - Session 8**

**1300 - 1400 Hrs**      **Enhanced Focus on the Complementary Dimension of the Space – Defence Relationship**

India's push to strengthen space assets for defence applications marks a strategic step toward reinforcing its national security framework, while advancing its broader ambition of securing 8–10% of the global space economy. With defence emerging as a major demand driver within the space sector, the integration of space-based technologies for surveillance, communication, and intelligence is poised to not only enhance operational readiness but also catalyse deeper private sector involvement. This session will explore:

- Transformative potential of space technology integration in strengthening national defence capabilities.
- How space innovations significantly advanced defence operations
- Policy frameworks that foster collaboration and knowledge exchange between civilian and military space programmes
- Special initiatives to build technical capacity among defence personnel in operating and leveraging space technologies
- Role of emerging technologies with the evolving dynamics of the Space Defence nexus and space security.

1300 - 1303 Hrs      Opening remarks and Session Chair      **Dr Anupam Sharma**, Distinguished Scientist & Director DSP (DRDO), Ministry of Defence, GoI

1302 - 1400 Hrs      Key panelists      **Dr P Veeramuthuvel**, Director, Special Projects, ISRO HQ

**AVM Pawan Kumar**, Former DG, DSA, GoI\*

**Mr Yashas Karanam**, COO and Co-founder, Bellatrix Aerospace

**AVM Paramjit Singh Malhi (Retd)**, Vice President, TASL

**Ms Neha Satak**, Co-founder & CEO, Astrome Technologies

**Mr Anirudh Sharma**, Founder & CEO, Digantara

**Mr. Kim Gram**, Head of Global Business Development, Service Partners, QuadSat

**1400 - 1500 Hrs**      **Networking Lunch**



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**DAY 2 - Session 9**

**1500 - 1600 Hrs**

**Shaping the Future: Building Talent and a Skilled Workforce for India's Emerging Space Economy**

As India's space sector rapidly evolves with growing private participation, innovation, and international collaborations, the demand for a highly skilled, future-ready workforce has become more critical than ever. Spanning satellite manufacturing, launch services, downstream applications, and space-tech entrepreneurship, the industry now requires interdisciplinary talent proficient not only with technical expertise but also with technical expertise but also with competencies in regulatory frameworks, systems integration, and business strategy. Bridging the gap between academia, industry, and government through targeted skilling, upskilling, and industry-aligned education is essential to unlocking India's full potential as a leading space-faring nation. This approach will also ensure inclusive and sustainable growth in this dynamic and competitive sector. The session will focus on:

- Current and future skill demands across India's space ecosystem
- Strategies to align academia, industry, and government to close existing skill and knowledge gaps
- Innovative education and training models for workforce development
- Private sector roles in promoting STEM and space careers especially for women, supportive policies, international collaboration for knowledge exchange
- Upskilling professionals to meet the evolving need of the space economy.

1500 - 1503 Hrs	Opening remarks and session moderation	<b>Dr C V S Kiran</b> , Vice President, Skyroot Aerospace
1503 - 1510 Hrs	Special Address	<b>Prof Dipankar Banerjee</b> , Director, IIST* <i>(ISRO to confirm)</i>
1510 - 1600 Hrs	Key Panelists	<p><b>Mr G Harikrishnan</b>, Director, CBPO, ISRO HQ</p> <p><b>Mr. Brijesh Soni</b>, Deputy Director, INSPACE, DoS, Gol</p> <p><b>Dr Shailesh Nayak</b>, Director, National Institute of Advanced Studies, Bangalore</p> <p><b>Prof Debasish Ghose</b>, Professor, Dept. of Aerospace Engineering, IISc, Bangalore</p> <p><b>Mr Anubhav Tiwari</b>, Chief Innovation Officer, NIELIT- Ministry of Electronics and Information Technology (MeitY), Gol</p> <p><b>Ms Nikhitha Chadde</b>, Co-founder, Genex Space and SSERD</p>

Guest Country

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**VALEDICTORY SESSION**

1610 – 1715 Hrs	<b>VALEDICTORY SESSION</b>
Closing of Conference	