

# NEWSLETTER

## INDIAN SPACE ASSOCIATION



### EXPLORING THE FINAL FRONTIER:

**ISpA Newsletter Unveils Future of  
Sustainable Space Exploration**



Welcome to **ISpA Newsletter**, a trusted conduit for illuminating the latest strategic endeavours, technological innovations and industry insights shaping the future of sustainable space exploration.

# DISCLAIMER

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# MESSAGE FROM DG-ISpA

The month of May has been momentous for India's space sector. ISRO's pioneering efforts were on full display at the Global Space Exploration Conference (GLEX 2025). Despite the unfortunate anomaly during the PSLV-C61 mission carrying EOS-09, ISRO's vision remains steadfast with forward-looking missions like SpaDEx-2 and the Bharatiya Antariksha Station. Notably, the release of ISRO's first official Space Situational Awareness (SSA) and Space Domain Awareness (SDA) report marked a new chapter in responsible orbital operations and debris mitigation.

Indian private space companies also made headlines. Agnikul launched its 3D-printed engine-powered rocket, Pixxel delivered a 17x return to early investors, and Ananth Technologies announced India's first private GSO communication satellite. From Suhora's LEO plans to SatLeo's thermal payload funding and Digantara's advanced EO lens system, the innovation momentum is strong. ISpA's engagements at GLEX, the KASP-ISpA MoU, and our Chairman's participation in Korea's Global Space Industry Conference highlight our growing international footprint and leadership in space policy dialogues.

With the recent TRAI spectrum recommendations and proactive initiatives by IN-SPACe, a strong foundation is being laid for the future growth of India's space sector. At ISpA, we remain dedicated to supporting the development of a robust, secure, and globally competitive space ecosystem in the country.

**Lt Gen AK Bhatt**  
PVSM UYSM AVSM SM VSM (Retd)  
Director General,  
Indian Space Association (ISpA)  
(Former DGMO, MS & COG 15 Corps)



# HIGHLIGHTS OF THE MONTH

- **The Indian Government released a list of 30 rules to be followed by any company trying to introduce satellite communication services in India through GMPCS authorization.**
- **TRAI released its recommendation paper, stating spectrum charges to be at 4% of AGR, along with INR 500 per subscriber in urban areas.**
- **Chairman ISpA, Mr. Jayant Patil, represented India's private space sector at the 2025 Global Space Industry Conference in Korea, highlighting India's growing ecosystem and recent ISpA–KASP cooperation MoU.**
- **Digantara designed and integrated an indigenous electro-optical lens system for space-based surveillance.**
- **PierSight received a total of \$8 million in funding rounds, while Augsenselabs received \$0.5 million in pre-seed funding.**
- **The state of Karnataka released the draft of the Karnataka Space Technology Policy 2024-29.**
- **US Administration proposed budget cuts for NASA, and Trump unveiled the Golden Dome project**
- **China makes 1st daytime laser-ranging measurement from Earth to the Moon**

# MEMBERS BULLETIN



## **AGNIKUL COSMOS**

India has achieved a major breakthrough in affordable space access. Agnikul Cosmos successfully launched its Agnibaan SOrTeD rocket, powered by the world's first single-piece 3D-printed engine—designed and built entirely in-house. This innovation reduces complexity and cost while boosting reliability. Backed by ISRO and IIT Madras, Agnikul's success marks a shift towards democratized, low-cost spaceflight, paving the way for smaller nations and private players to reach orbit without billion-dollar budgets.



## **ANANTH TECHNOLOGIES**

Hyderabad-based Ananth Technologies Ltd is leading a landmark project to build and operate India's first privately developed geostationary communication satellite, expected to launch by 2028. Facilitated by IN-SPACE, the ₹2,000+ crore project marks a significant shift in India's space sector, with the government allotting frequency rights to the private firm. Ananth Technologies, a long-time ISRO partner, will operate the satellite while leasing bandwidth to telecom providers. The initiative reflects growing private participation in national space infrastructure.



## **AUGSENSELAB**

AugSenseLab Raises \$0.5 Million in Pre-Seed Funding to Advance Quantum Remote Sensing Technologies. Augsenselab has raised \$0.5 million in pre-seed funding to accelerate the development of its next-generation quantum sensing solutions for infrastructure monitoring and earth observation. The round was backed by EmulTek, a subsidiary of Solar Group, providing critical early-stage capital to fast-track research in quantum sensing and scale the company's core engineering team. Augsenselab is developing low-SWaP, high-sensitivity RF remote sensing systems, including technologies for Electronic Intelligence (ELINT), Synthetic Aperture Radar (SAR), and Atmospheric Profiling

# MEMBERS BULLETIN



## **BELLATRIX AEROSPACE**

Bellatrix is expanding to the U.S. to access international space markets and government contracts. Co-founder Yashas Karanam emphasized that a U.S. presence is crucial for regulatory navigation and space hardware validation, aligning with India's push for global satcom competitiveness.



## **BHARTI AIRTEL**

Bharti Airtel is advancing its satellite internet initiatives through a partnership with SpaceX's Starlink. Announced in March 2025, this collaboration aims to provide high-speed internet services across India, particularly in remote and underserved areas. The partnership includes offering Starlink equipment through Airtel's outlets, leveraging Airtel's extensive distribution network to enhance connectivity solutions.



## **DIGANTARA**

Digantara has achieved a significant milestone by successfully designing and integrating an indigenous electro-optical lens system for space-based surveillance. This diffraction-limited, double Gauss system with nine lenses is engineered from first principles, marking a leap forward in India's capabilities for Space Domain Awareness. The development underscores Digantara's commitment to building high-performance, indigenous payload technologies that redefine space surveillance.

# MEMBERS BULLETIN



## EUTELSAT ONEWEB

French satellite telecommunications operator Eutelsat appointed Jean-François Fallacher as its new CEO. Apart from that, as the Indian Telecom Department tightened the security norms under Satcom permits for offering services in India, GMPCS license holders Eutelsat-OneWeb are preparing to upgrade and align to the same. The month of May also brings TRAI recommendation to charge Satcom Spectrum as 4% of AGR with a 5+2-year spectrum term. Also, Eutelsat OneWeb and Kymeta have announced the general availability of the new Kymeta™ Goshawk u8 flat-panel terminal on the Eutelsat OneWeb LEO network, a new multi-orbit terminal for government and military customers.



## HUGHES COMMUNICATION

Hughes is in talks with Starlink to explore partnership opportunities for satellite internet services in India. As an existing satcom player, Hughes aims to expand its offerings through potential reselling agreements and leverage the growing demand for remote connectivity solutions.



## INTELSAT

US-based Intelsat received IN-SPACe approval to operate four geostationary satellites in India, becoming one of the first foreign operators with direct satellite media coverage rights. It has secured deals with major Indian media houses for content delivery and C-band services.

# MEMBERS BULLETIN



## K-SPACE

The Indian Institute of Space Science and Technology (IIST) and Kerala Spacepark (KSPACE) signed an MoU on 22 April 2025 to strengthen academic-industry collaboration in space technology. The partnership will enable joint R&D, knowledge exchange, and support for startups. IIST will offer consultancy and technical mentorship, while both entities will share infrastructure and host innovation-focused events. This collaboration aims to position Kerala as a global space tech hub and promote entrepreneurship and job creation.



## KALEIDEO

KaleidEO's satellite imaging capabilities played a crucial role in verifying the precision and impact of India's Operation Sindoor, which targeted terrorist infrastructure in Pakistan and PoK. The Indian Armed Forces leveraged high-resolution satellite imagery to transparently brief the public and confirm mission success with minimal collateral damage. This operation highlighted the critical role of geospatial intelligence (IMINT) in modern warfare and demonstrated KaleidEO's contribution to national security through responsive, accurate, and non-escalatory data support.



## KAWA SPACE

Kawa Space's satellite imagery played a pivotal role in confirming the impact of India's precision airstrikes on Pakistani airbases during Operation Sindoor. Their high-resolution images provided independent verification of damage to key military installations, countering conflicting narratives and underscoring the strategic value of commercial satellite intelligence in modern conflict zones.

# MEMBERS BULLETIN



## KEPLER AEROSPACE

Along with Kawa Space, Kepler Aerospace played a pivotal role in confirming the impact of India's precision airstrikes on Pakistani airbases during Operation Sindoor. Their high-resolution imagery offered independent confirmation of damage to critical military sites, cutting through conflicting reports and highlighting the strategic importance of commercial satellite intelligence in today's conflict zones.



## PIXXEL

Early-stage VC firm growX Ventures has partially exited its stake in Indian space-tech startup Pixxel, earning a 17x return through a secondary sale. The transaction, following Pixxel's Series B round, saw existing investors Athera Venture Partners and Sparta acquiring a portion of growX's shares. Despite the exit, growX retains over 75% of its stake, expressing strong confidence in Pixxel's future growth as it expands its hyperspectral imaging satellite operations globally.



## PIERSIGHT

PierSight has secured a seed extension round, bringing its total funding to \$8 million. The round welcomed mission-aligned investors with deep expertise in ocean sustainability and port operations, including Sustainable Ocean Alliance, Crescent Enterprises Ventures, and prominent tech leaders. This strategic capital will help PierSight scale its space-based maritime monitoring solutions globally.



## SUHORA TECHNOLOGIES

Suhora Technologies, a rising Indian space-tech startup, plans to launch its own low-earth-orbit (LEO) satellites within the next 2–3 years to support defence communication and meteorological services. Currently, 60% of the company's ₹42 crore revenue comes from defence contracts. Suhora integrates diverse data sources using machine learning and LLMs to deliver actionable insights to its clients. Previously backed by IN-SPACe seed funding, the company also develops coastal maritime domain awareness solutions, strengthening India's security infrastructure.

# MEMBERS BULLETIN



## SISIR RADAR

Sisir Radar and XDLINX Space Labs to Launch India's First Private L-Band SAR Satellite, Pioneering a New Era in Earth Observation. Set to launch by 2027, this partnership marks a significant leap forward in India's remote sensing capabilities, redefining earth observation for defence, commercial, and environmental applications. This landmark mission is poised to deliver unparalleled imaging capabilities, offering real-time, high-resolution imagery even through dense foliage, adverse weather, and complete darkness.



## SKYROOT AEROSPACE

Skyroot co-founder Pawan Kumar Chandana shared a groundbreaking moment where two rocket stages were successfully separated using a carbon composite stage separation mechanism—a first in India. Developed entirely in-house by Skyroot, this innovation ensures ultra-lightweight, reliable, and efficient stage separation in their Vikram launch vehicles. The video captures a flawless ground test, showcasing the precision and strength of indigenous aerospace engineering.



## TATA NELCO

Tata Group-owned Nelco is among the Indian firms in discussions with Starlink for potential collaboration on satellite broadband services. Nelco, an early satcom provider, is expected to play a strategic role in expanding Starlink's reach through reseller or partner-led models.



# ISRO

## INDIAN SPACE RESEARCH ORGANISATION

### **MOSDAC-IN: A DEDICATED WEB PORTAL HOSTING SATELLITE BASED PRODUCTS FOR INDIAN NAVY, DEVELOPED BY ISRO'S SPACE APPLICATIONS CENTER | MAY 01, 2025**

ISRO's Space Applications Centre launched MOSDAC-IN, a dedicated web portal providing satellite-derived meteorological and oceanographic data to the Indian Navy. Developed in collaboration with naval meteorological agencies, the portal offers customized weather products with secure access for individual Naval Meteorological Offices. This initiative enhances the Navy's self-reliance in weather forecasting and maritime operations. The launch coincided with the Meteorological and Oceanological Symposium (Meghayan 25) in New Delhi, commemorating World Meteorological Day 2025.



### **NORTH EAST STUDENTS' PROGRAMME FOR AWARENESS, REACH, AND KNOWLEDGE ON SPACE (NE-SPARKS) PROGRAM | MAY 02, 2025**



On May 2, 2025, ISRO launched the NE-SPARKS program to inspire science students from India's North Eastern Region. The initiative will host 800 students across eight batches from April to December 2025, offering immersive experiences at ISRO facilities in Bengaluru. The inaugural batch visited key centers like the Satellite Control Centre and Indian Deep Space Network, and engaged with ISRO scientists. Funded jointly by the Ministry of DoNER and state governments, NE-SPARKS aims to foster STEM aspirations among youth in the region.



# ISRO

# INDIAN SPACE RESEARCH ORGANISATION

## UPDATES ON GAGANYAAN, SPACE DOCKING TECHNOLOGY AND GLEX2025 | MAY 07, 2025

At the Global Space Exploration Conference (GLEX) 2025, held from May 7–9 in New Delhi, ISRO showcased significant advancements in its human spaceflight program, Gaganyaan. Dr. V. Narayanan, ISRO Chairman, and Dr. Jitendra Singh, Minister of State for Space, presented updates on the mission's progress and demonstrated India's indigenous space docking technology. This technology, successfully tested during the SpaDeX mission in January 2025, positions India as the fourth nation to achieve autonomous in-orbit docking, a critical capability for future space stations and interplanetary missions. Prime Minister Narendra Modi emphasized India's commitment to collaborative space exploration, announcing plans for an Indian astronaut's journey to the International Space Station in partnership with NASA, the establishment of the Bharatiya Antariksha Station by 2035, and a lunar landing by 2040. GLEX 2025 underscored India's growing role in the global space community and its vision for sustainable, inclusive space endeavors.



## SOLAR ULTRAVIOLET IMAGING TELESCOPE (SUIT) ONBOARD ADITYA-L1 MISSION OBSERVED POWERFUL SOLAR FLARE AND A FIRST-OF-ITS-KIND OBSERVATION OF RARE PLASMA EJECTION IN ULTRA-VIOLET LIGHT | MAY 14, 2025

ISRO's Solar Ultraviolet Imaging Telescope (SUIT) aboard Aditya-L1 captured a powerful X-class solar flare and a rare plasma ejection in near-ultraviolet light—a first in solar observation. The event, observed in the Mg II h (280.3 nm) channel, showed a plasma blob accelerating from 300 km/s to 1500 km/s. SUIT's 11-filter system, covering 200–400 nm, provides unprecedented insights into the Sun's photosphere and chromosphere, enhancing our understanding of solar flares and space weather impacts.



# ISRO

## INDIAN SPACE RESEARCH ORGANISATION

### ISRO AND JAXA GEAR UP FOR JOINT CHANDRAYAAN-5 / LUPEX MISSION IN THE TECHNICAL INTERFACE MEET | MAY 15, 2025

ISRO and JAXA convened their third face-to-face Technical Interface Meeting (TIM-3) in Bengaluru to advance the joint Chandrayaan-5/LUPEX mission. This collaborative lunar endeavor aims to explore volatile compounds, including water ice, near the Moon's south pole, particularly within Permanently Shadowed Regions (PSRs). The mission will feature an ISRO-developed lander and a JAXA-built rover, launched aboard JAXA's H3-24L rocket. Scientific instruments from ISRO, JAXA, ESA, and NASA will facilitate in-situ analysis of lunar volatiles. TIM-3 focused on finalizing mission design, payload integration, landing site selection, and establishing a joint implementation plan. This mission represents a significant step in India's lunar exploration roadmap, aligning with its vision of landing astronauts on the Moon by 2040.



### SPACE APPLICATIONS CENTRE ORGANISES NATIONAL SPACE SCIENCE MEETING SAMHITA-2025 | MAY 19, 2025



ISRO's Space Applications Centre (SAC) in Ahmedabad hosted the National Space Science Meeting—SAMHITA 2025 (SAC Astronomy Microgravity Heliophysics Ionosphere vaarTA). The event brought together 150 delegates from ISRO, the Department of Space, and premier academic institutions including IIST, TIFR, IITs, NISER, and ARIES. ISRO Chairman Dr. V. Narayanan emphasized the importance of collaborative efforts in shaping India's space science roadmap. The meeting featured 40 expert talks across nine sessions, covering topics such as astronomy, astrophysics, microgravity experiments, heliophysics, magnetospheric studies, space weather, and ionospheric research. These discussions aimed to align ongoing research with ISRO's current and future missions, fostering stronger synergy between the space agency and the academic community.



# ISRO

## INDIAN SPACE RESEARCH ORGANISATION

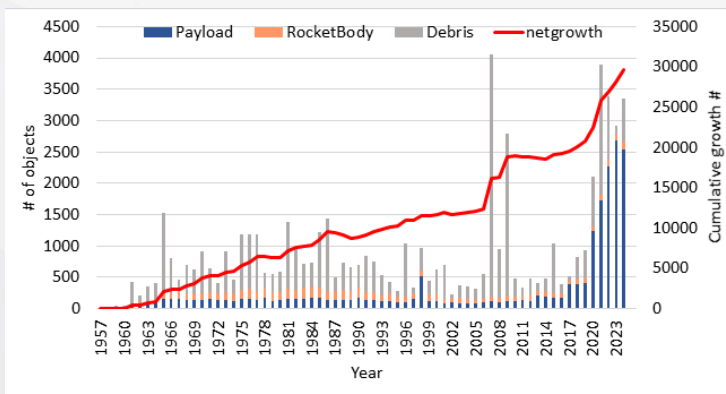
### ISRO AND TIFR HOLD COLLABORATION MEET ON SPACE SCIENCE AND ASTRONOMY | MAY 22, 2025



ISRO and the Tata Institute of Fundamental Research (TIFR) convened a collaborative meeting in Bengaluru to enhance India's capabilities in space science and astronomy. Attended by 50 scientists and engineers, the event emphasized the historical partnership between the two institutions and the importance of formalizing collaborative frameworks aligned with India's Space Vision 2047. Key areas of focus included millimeter-wave astronomy, space weather, radio astronomy, cosmic ray physics, and planetary science. Breakout sessions facilitated domain-specific discussions, culminating in an actionable roadmap for joint scientific endeavors. This meeting signifies a pivotal step towards strengthening national collaborations in space sciences.

### INDIAN SPACE SITUATIONAL ASSESSMENT REPORT (ISSAR) FOR 2024 RELEASED | MAY 29, 2025

ISRO released the Indian Space Situational Assessment Report (ISSAR) 2024, highlighting the successful execution of 10 Collision Avoidance Manoeuvres (CAMs) to protect its satellites from potential collisions. The report notes a record 261 global launch attempts in 2024, resulting in 2,963 new objects in orbit, including 702 debris fragments from major break-up events. India's space fleet now includes 22 operational satellites in Low Earth Orbit (LEO) and 31 in Geosynchronous Earth Orbit (GEO), along with active deep space missions like Chandrayaan-2 and Aditya-L1. ISRO emphasizes the growing need for a robust Space Traffic Management system to ensure the safety and sustainability of space operations.



# ISpA ACTIVITIES

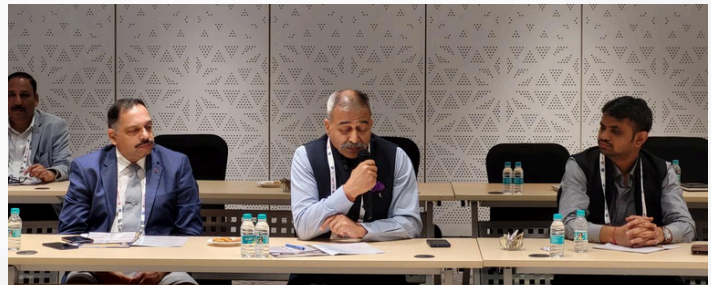
## ISpA conducted Expert Talk SpaceTech Webinar#07 on "Tamil Nadu Space Policy" on 13 May 2025

- ISpA's Expert Talk SpaceTech Webinar #07, held on 13 May 2025, explored key features of the Tamil Nadu Space Policy and discussed its strategic implementation roadmap to boost the state's space ecosystem.



## DG, ISpA and Director, ISpA represented ISpA at a Roundtable on GLEX 2025

- ISpA's Director-General Lt Gen AK Bhatt, and Director Gp Capt Anand Rao, represented the association at a Roundtable on the Gujarat SpaceTech Policy, organized by GSEM, Department of Science & Technology, on the sidelines of GLEX 2025.



## Times of India interviewed DG ISpA, sharing views on Satellite Imagery, SatCom and PNT playing a vital role in Operation Sindoor

- "There would have been extensive use of space assets for imagery, Sat-Com and PNT. Space technology is an integral part of modern warfare," said DG ISpA, Lt Gen AK Bhatt, commenting on the strategic space applications during Operation Sindoor.
- The whole news article can be accessed here: [Times of India](#)

# ISpA ACTIVITIES

## **Press Trust of India (PTI) interviewed DG ISpA, sharing views on DGMO's role, Operation Sindoor, ceasefire and Space Technology's role in modern warfare**

- DG ISpA Lt Gen (Retd) A K Bhatt explained the DGMO's critical role in coordinating joint operations and future capability development.
- He highlighted the importance of the India-Pakistan DGMO hotline in preventing escalation during border tensions.
- On Operation Sindoor, he affirmed that India achieved its strategic aim by dismantling terrorist infrastructure without pursuing full-scale war.
- He emphasised that India was fully prepared for escalation, responding proportionally to every move by Pakistan.
- Addressing critics, he stated, "War is a serious business," and reaffirmed the government's calibrated and effective military strategy.
- The Full interview can be accessed here: [Press Trust of India](#)



## **DG ISpA and our member companies participated in French Space Days 2025 to Deepen Bilateral Collaboration**

- ISpA DG led a session on strategic space cooperation during French Space Days 2025, joined by ISpA members Azista Aerospace Industries, Axon Interconnectors and Wires, KaliedEO and Elena Geo Systems and key stakeholders from France.



# ISpA ACTIVITIES

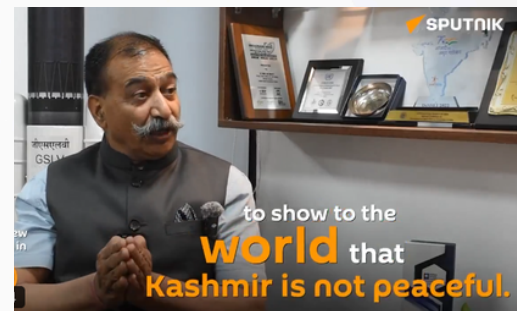
## Chairman ISpA represented the association 2025-Global Space Industry Conference hosted by the RoK Ministry of Science and ICT

- Chairman ISpA, Mr. Jayant Patil, represented India's private space sector at the 2025 Global Space Industry Conference in Korea, highlighting India's growing ecosystem and recent ISpA-KASP cooperation MoU.



## Sputnik India interviewed DG ISpA on Space Tech and National Security

- In a wide-ranging interview, Lt Gen A K Bhatt (Retd) discussed India's evolving deterrence strategy, drone warfare, and the transformative role of space technology in modern conflict.



## DG ISpA met with Mr. Kimmo Lahdevirta (Ambassador), Dr. Antti Herlevi (Counsellor Trade & Investments) from Embassy of Finland

- The meeting commenced with ISpA providing a comprehensive overview of its role within the Indian space sector. This included detailing its members, Space Industries, key activities, flagship events, and ongoing international cooperation and collaborations with various trade agencies and embassies.
- Subsequently, Business Finland presented its areas of focus, highlighting their potential work in the marine, defense, and aerospace sectors. This proceeded into a discussion about significant and successful Finnish space companies.



# ISpA ACTIVITIES

## ISpA conducted Expert Talk SpaceTech Webinar#08 on "Karnataka Space Technology Ecosystem, Relevance, State Government Initiatives, and Policies to Boost the Sector!" on 28 May 2025

- Held on 28th May 2025, the webinar delved into Karnataka's space technology landscape, highlighting state-driven initiatives and policy measures to boost sectoral growth.



# ISpA IN NEWS

**Free hand to the army, something big is going to happen! | Lt Gen Anil Kumar Bhatt | India Pakistan**

02 May 2025

Shalini Kapoor Tiwari

**TRAI satcom spectrum pricing balances need for govt revenue & satellite services affordability: ISpA**

09 May 2025

PTI

**4% of AGR as spectrum charge: Trai paves way for satellite internet**

10 May 2025

Business Standard

**Trai recommends 4% of adjusted gross revenue as satcom spectrum charges; 5-year spectrum term**

09 May 2025

Mint

**TRAI recommends satcom spectrum fee at 4% AGR, with additional charges for urban areas**

09 May 2025

The Hindu BusinessLine

**TRAI sets 4% AGR spectrum fee for satcom firms like Starlink, OneWeb; dismisses level-playing field concerns**

09 May 2025

Moneycontrol

**TRAI outlines spectrum charges and conditions for Satcom services**

09 May 2025

Voice&Data

**Operation Sindoor: Domestic strategic space assets, foreign commercial satellites used by armed force**

12 May 2025

The Times of India

**Drones, space, cyberspace add new paradigm to military conflicts: Ex-DGMO Anil Bhatt**

16 May 2025

The Hindu

**In an exclusive interview with PTI CEO & Editor-in-Chief Vijay Joshi, ISpA DGI Lt Gen (Retd) A K Bhatt, who also served as DGMO during the Doklam standoff, explains about the role of DGMO.**

15 May 2025

PTI

# ISpA IN NEWS

**World Telecom Day 2025: 5G networks, satcom to bring more women online in India, say executives**

17 May 2025

ET Telecom

**Indian space-tech startups set offices, manufacturing facilities in US**

19 May 2025

The Times of India

**Will TRAI's Recommended Spectrum Usage Charges Increase Satellite Internet Costs?**

19 May 2025

MediaNama

**NewsToday Debate: Has India's Response Changed The Terror Equation? Experts Discuss A Way Forward**

22 May 2025

India Today

**Pakistan Promotes Army Chief: Why Is Islamabad Rewarding A General Who Lost The War?**

22 May 2025

NDTV

**Space-tech companies get an opening as India seeks more eyes in the sky**

26 May 2025

The Economic Times

**States' race for space investment may help sector hit \$44 bn by 2033**

25 May 2025

Business Standard

**Indian space-tech startups set offices, mfg facilities in US**

May 19, 2025

The Times of India

**Telecom World में तहलका, Satellite Internet Starlink की Bharat में Entry**

May 19, 2025

DD News

**Will TRAI's Recommended Spectrum Usage Charges Increase Satellite Internet Costs?**

May 19, 2025

MediaNama

**सैटकॉम में भारत की वैश्विक उड़ान: Aaj Ka Focus**

May 22, 2025

DD News

# ISpA IN NEWS

**NewsToday Debate: Has India's Response Changed The Terror Equation? Experts Discuss A Way Forward**

May 22, 2025

India Today

**Pakistan Promotes Army Chief: Why Is Islamabad Rewarding A General Who Lost The War?**

May 22, 2025

NDTV

**States' race for space investment may help sector hit \$44 bn by 2033**

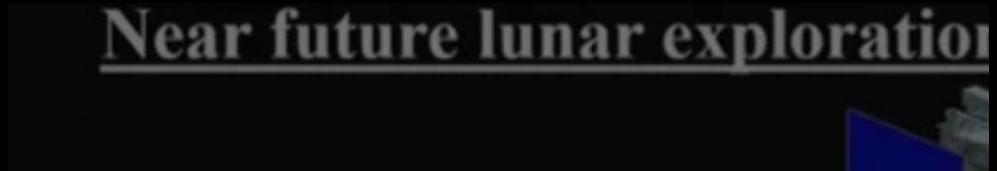
May 25, 2025

Business Standard

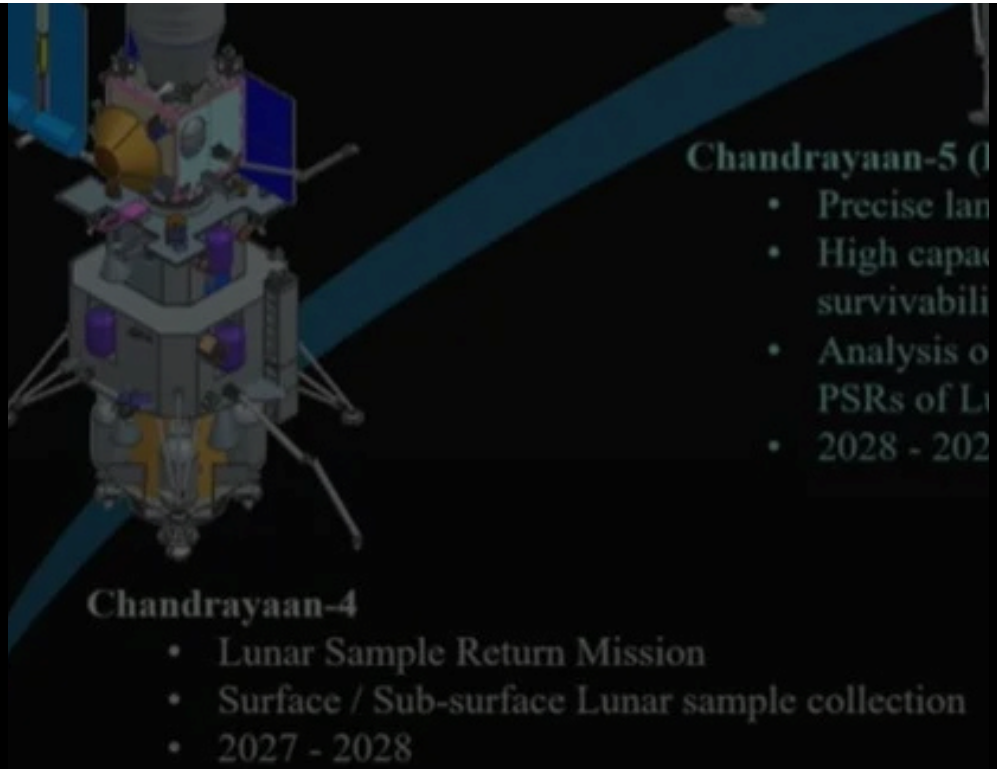
**India's Defence authorities to use LEO satellites for communication: ISpA**

May 26, 2025

Hindu BusinessLine



# NATIONAL NEWS



# NATIONAL NEWS

**Emerging job opportunities in aerospace and the future of space exploration in India**

May 1, 2025  
India Today

**Starlink eyes multiple Indian partners to fast-track local satcom launch**

April 30, 2025  
Business Standard

**Merak Ventures leads \$3.3 million funding round in space-tech startup SatLeo Labs**

30 Apr 2025  
The Times of India

**Indian Satellites Practising "Dogfights" In Space. What It Means**

03 May 2025  
NDTV

**Ministry of Defence seeks 3 pseudo satellites for Indian Air Force**

May 3, 2025  
The Tribune

**India tightens satcom rules: Starlink, OneWeb, Jio-SES must meet 30 security norms to offer services**

May 6, 2025  
ET Satcom

**India's first communication satellite will be ready by 2028: IN-SPACE Chairman**

May 5, 2025  
The Hindu BusinessLine

**US space biology firm Helogen acquires India's Vellon Space**

May 5, 2025  
The Hindu BusinessLine

**Satcom wars: Spacecoin in talks with telcos to launch sub-Rs 200 satellite internet, challenging Starlink**

May 5, 2025  
Moneycontrol

**India awaits space laws to realize private push**

May 7, 2025  
Mint

**Isro chief: 2nd phase of space-docking experiment in works**

May 7, 2025  
The Times of India

**How a private US spaceflight will help power India's first human mission Gaganyaan**

May 7, 2025  
The Indian Express

**India's space sector created 22,000 job in last decade, positively contributed to economy: study**

May 6, 2025  
The Indian Express

**Satellite internet companies play minor role compared to traditional operators: Minister**

May 6, 2025  
CNBC TV18

**India to host global space exploration summit GLEX 2025 with focus on expanding space leadership**

May 6, 2025  
CNBC TV18

**Musk-owned Starlink gets approval to operate satellite services in India**

May 8, 2025  
Business Standard

**Ax-4 mission, with Group Captain Shubhanshu Shukla, may get delayed**

May 8, 2025  
The Times of India

**India's space programme empowering citizens, world: PM Modi**

May 8, 2025  
The Indian Express

**Direct and clear objectives to collaborate with ISRO: ESA chief Josef Aschbacher**

May 8, 2025  
The Indian Express

**Expanding space economy: new study calls for evidence-based policies, supportive regulations**

May 7, 2025  
The Hindu

**India to launch 52 spy satellites over next five years: INSPACE chairman**

May 7, 2025  
The Economic Times

**IN-SPACE ties up with Karnataka govt to build space manufacturing park**

May 7, 2025  
Fortune India

**Trai on verge on finalising recommendations for satcom spectrum'**

May 9, 2025  
ET Satcom

**Starlink requires IN-SPACE nod to launch satellite communication services**

May 8, 2025  
Business Standard

**Isro facing multiple challenges in building Bharatiya Antariksha Station: Director of Human Space Flight Centre**

May 8, 2025  
The Indian Express

# NATIONAL NEWS

**Spacecoin in Talks with Telcos to Launch Cheap Satellite Internet in India: Report**

May 8, 2025  
Telecom Talk

**EOS-09 satellite set to be launched on May 18, will boost India's border surveillance powers**

May 11, 2025  
The Times of India

**Karnataka to soon get space tech manufacturing park and Centre of Excellence**

May 11, 2025  
The Times of India

**NDTV Profit Explainer: What TRAI's Satellite Spectrum Rules Mean for Starlink, OneWeb and Amazon Kuiper**

May 12, 2025  
NDTV Profit

**From satellites to navigation, India's plan to go deep into space**

11 May 2025  
Business Standard

**Satcom no threat to telcos' home broadband business, say analysts**

May 12, 2025  
Moneycontrol

**Satcom guidelines: DoT looks to finalise key technical conditions**

May 12, 2025  
Business Standard

**Game in the sky: Will Musk's Starlink disrupt India's broadband universe?**

May 12, 2025  
Business Standard

**MPs to witness earth imaging satellite launch from Sriharikota on May 18**

May 12, 2025  
Deccan Herald

**ISRO chief opens up about their big role in India's defence system**

May 12, 2025  
CNBC TV18

**Possibility of using Gaganyaan rockets as transport service for our upcoming space station, says US firm CEO**

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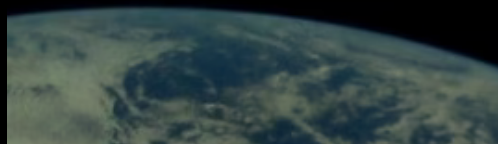
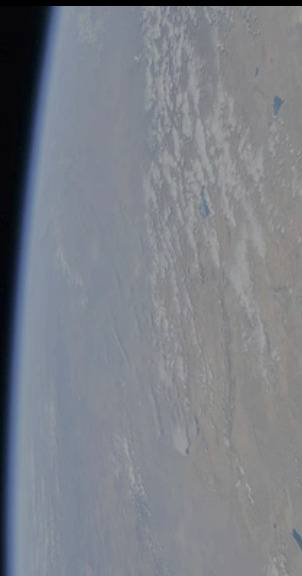
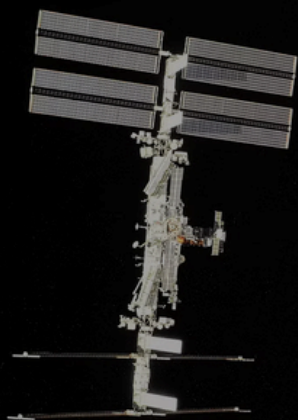
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- ISRO SPACE SITUATIONAL AWARENESS REPORT 2024

**Concept & Designed by:**

Surinder Kaur Chawla

Jr. Research and Development Associate

Indian Space Association

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- CE Info Systems Pvt Ltd (Map my India)
- Larsen & Toubro
- Nelco (A TATA Enterprise)
- One Web India Communications
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- Axon Interconnectors & Wires
- Bharat Electronics
- Broadcast Engineering Consultant India Ltd
- BEML Limited
- Capella Space
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- Nibe Space
- NorthStar Earth Space
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@ispa.india

## Contact ISpA



ispa.space



+91 96673 03304



info@ispa.space



United Service Institution (USI) Building, Ground Floor Rao Tula Ram Marg (Opposite Signals Enclave Shankar Vihar), Delhi Cantonment, New Delhi, Delhi 110010