



Organised by

## MARK YOUR CALENDAR INDIA SPACE CONGRESS 2024

3<sup>rd</sup> Edition of  
26<sup>th</sup>-28<sup>th</sup> June 2024 New Delhi

# INDIA SPACE CONGRESS UPDATES

## OUR EMINENT SPEAKERS



**Shri S Somanath**  
Secretary DoS and Chairman, ISRO



**Dr. Shailesh Nayak**  
Former Secretary, MoES & Director, NIAS



**Dr. Pawan Kumar Goenka**  
Chairman IN-SPACE



**Lt Gen VG Khandare**  
PVSM, AVSM, SM, Principal Adviser, Ministry of Defence



**Lt. Gen PJS Pannu**  
PVSM, AVSM, VSM, Former Dy Chief, IDS and Distinguished Fellow, USI



**Amb Rakesh Sood**  
Former Diplomat, Foreign Affairs, Economic Diplomacy and International Security



**Air Cmde Terry Van Haren**  
President, APAC and Managing Director of LeoLabs Australia



**Dr. Subba Rao Pavuluri**  
President SIA-India, and CMD Ananth Technologies Ltd.



**Dr. Chaitanya Giri**  
Associate Professor, FLAME University



**Mr. Jeremy Rose**  
Partner, COMSYS LLP



**Mr. D. S. Govindrajan**  
President, Anira Communications



**Mr. Raghu Das**  
Co-Founder/CEO, Alimagest Space Corporation



**Mr Deepak Mathur**  
Executive Vice President, Global Sales, SES



**Mr Harsh Verma**  
Vice President Sales Asia at SES



**Mr Rainer Horn**  
Managing Partner, Novaspace



**Mr Alexander Jeuck**  
Senior Advisor, Novaspace



**Mr Gurvinder Chohan**  
MD Reliasat



**Air Cmde Savinder Pal Singh**  
VSM (Retd)



**Dr VS Hegde**  
Former Scientific Secretary to ISRO and CMD, Antrix Corporation Ltd.



**.Rajshekar Pullabhatla**  
Director, Information Sharing and Analysis Centre (ISAC)

## Conference Agenda

This is subjected to changes

<https://www.indiaspacecongress.com/agenda-2024/>

## Call for Papers

Abstract submission by 30 April 2024.  
Final Paper by 15 May 2024

Submit at:

[Info@sia-india.com](mailto:Info@sia-india.com)

<https://www.indiaspacecongress.com/papers/>

10% OFF

valid till April 30<sup>th</sup> 2024

## Start up Pitch

CONTACT:  
Ms.Sudipta Behera  
Director Communications  
Email:sudipta.behera@sia-india.com



## Supporting Partners



**ISC 2024 ROADMAP**

|                      |                             |                                  |
|----------------------|-----------------------------|----------------------------------|
| 800+ Delegates       | 170+ Unique Speakers        | 200 Speaking Slots               |
| 35 Thematic Sessions | 30+ Countries Participation | 10 Govt. Supporting Organisation |



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<https://www.indiaspacecongress.com/register/>



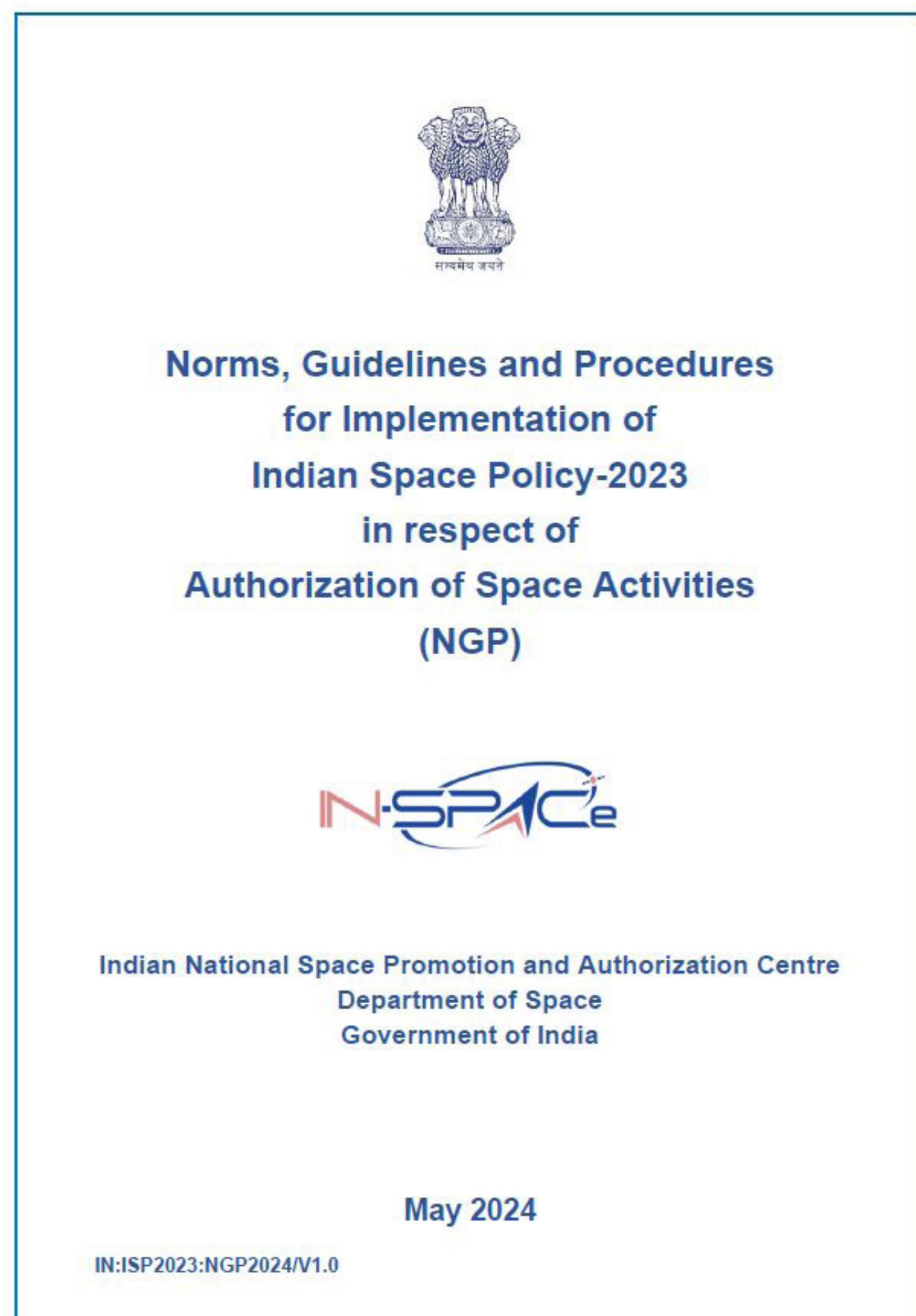
## POLICY AND REGULATORY

### IN-SPACE RELEASES GUIDELINES FOR AUTHORISING SPACE ACTIVITIES IN INDIA

IN-SPACe unveils "Norms, Guidelines, and Procedures for Indian Space Policy 2023," streamlining space activity authorization. Covering various aspects like general provisions, terms, and conditions, the guidelines facilitate authorization for space-based communication, remote sensing, orbital resource utilization, space transportation, ground systems, liability, and object registration.

Key highlights include the eligibility of non-Indian entities to apply through Indian counterparts, the utilization of surplus international satellite capacities by Indian entities, and the authorization requirements for both Indian-owned and non-Indian satellites operating within Indian territory. Additionally, the guidelines ensure optimal resource utilization by permitting the transfer or subletting of rights to other Indian entities. Launch operators are mandated to maintain third-party liability insurance and adhere to space debris mitigation guidelines for safe and sustainable operations.

SIA also encourages its members to share their queries with us. These queries will be compiled and forwarded as a request for IN-SPACe to address during the India Space Congress-2024, scheduled from June 24-26 at The Lalit, New Delhi, India.



## Boost for Private Participation

Till date, satellite players in India were barred from using non-Indian orbital resources and had to rely purely on Indian orbital resources that were often limited & more expensive.

The latest developments come at a time when the likes of Elon Musk's Starlink, Bharti-backed Eutelsat OneWeb, Reliance Jio, Amazon Kuiper, UK-based Inmarsat and the Tatas are looking to tap into India's nascent satcom market with high growth potential.

Refer Document: [https://www.inspace.gov.in/inspace?id=inspace\\_index](https://www.inspace.gov.in/inspace?id=inspace_index)

## TECHNOLOGY AND INNOVATION

### BOEING -STARLINER'S CREW MISSION TO TAKE OFF SOON



Recently, an Atlas V rocket is poised to launch with two seasoned astronauts, Barry Wilmore and Sunita Williams, aboard the Boeing-built crew capsule called Starliner. This marks the capsule's third test flight and the first with astronauts on board, aiming to transport them to the International Space Station (ISS) in low-earth orbit. Currently, the Dragon spacecraft of SpaceX is the only spacecraft of US, that can return significant cargo to Earth and the first private spacecraft to transport humans to the space station. Starliner is a spacecraft that carried astronauts to space, launched by a rocket, featuring a crew capsule for astronaut accommodation, designed for re-entry, and a non-reusable service module providing life support and propulsion systems.

Click to read more: <https://www.space.com/boeing-starliner-first-astronaut-launch-cft-historic>

## SIA-INDIA UPDATES

### WOMEN IN ICT



### Girls in ICT INDIA 2024

Leadership

15 May 2024



### DG SIA INDIA MEETS INVESTMENT AND TRADE COMMISSIONER OF WESTERN AUSTRALIA



SIA-India's Director General, Mr. Anil Prakash, and Dy Director, Mr. Anbalagan K, engaged in a fruitful discussion with Ms. Nashid Chowdhury, Investment and Trade Commissioner for the India-Gulf Region, representing the Government of Western Australia. The meeting, held with a focus on enhancing collaboration in the space sector, centered on the participation of a space industry delegation at the upcoming mega event, the India Space Congress.

### UPDATES FROM SIA INDIA'S 2ND DEFENCE COMMITTEE MEETING



On 10th May 2024, second meeting of SIA-India's Defence Space committee took place at the World trade Tower, New Delhi. The discussion centred around the emergence of new battlefronts, namely space and cyber, along with the challenges of global procurement, challenges and opportunities for the private sector in space industry, NavIC, R&D and Capital Expenditure (CAPEX) and Operational Expenditure (OPEX), focusing on securing the supply chain.

# ISC 2024 UPDATE

DSA JOINS AS MEDIA PARTNER FOR INDIA SPACE CONGRESS 2024

**INDIA SPACE CONGRESS**  
Conference & Exposition  
26 - 28 June, 2024 | The Lalit, New Delhi

**INTRODUCING OUR  
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**DSA**  
DEFENCE AND SECURITY ALERT

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We're delighted to announce and extend a warm welcome to Defence and Security Alert Magazine as our esteemed Media Partner for the India Space Congress 2024.

For more updates: [www.indiaspacecongress.com](http://www.indiaspacecongress.com)

**JOIN NOW**

**INDIA SPACE CONGRESS-2024**

Welcome to India Space Congress 2024! Join us in shaping the future of space exploration, technology, and policy. Submit your paper and be part of this dynamic exchange of knowledge.

**WHO CAN APPLY?**  
International & National Researchers, scholars, and industry professionals in the space domain.

**TOPICS:**

- Connecting the Unconnected: Bridging the Digital Divide in India through Satellite Technology.
- Orbital Junkyard: India's Opportunity in Mitigating Space Debris and Orbital Cleaning.
- Cybersecurity in Space: Safeguarding Space and Satellite Infrastructure from Cyber Threats and Attacks.
- Satellite Technology for Disaster Risk Reduction.
- Satellite for Smart Governance: Applications and Impacts in the Era of Gati Shakti.
- Strategies for Advancing Space Sector Trade with focus on Indo-US and the QUAD cooperation.
- Innovative Procurement Strategies for India's Space Program: Global Best Practices and Competitive Analysis.

**SUBMISSION DETAILS:**

- Abstract submission by April 30, 2024
- Final Paper by May 15, 2024
- CONTACT:  
Ms. Sudipta Behera  
Director Communications  
Emailsudipta.behera@sia-india.com

[www.sia-india.com](http://www.sia-india.com) [www.indiaspacecongress](http://www.indiaspacecongress)

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## MEMBERS' COLUMN

### VISTAARNKSH JOINS THE SIA FAMILY



Vistaarnksh Pvt Ltd is an Indian startup, backed by strong engineering excellence, they specialize in advanced radio systems for highly embedded applications such as Sat-Com and Connected Vehicles. They provide comprehensive end-to-end solutions, seamlessly integrating cutting-edge hardware and software technologies. Their expertise lies in crafting solutions that span the entire spectrum, from robust hardware design and manufacturing to the development of sophisticated software applications. This end-to-end capability allows Vistaarnksh to deliver tailor-made solutions that not only meet but exceed the expectations of clients.

To know more : <https://vistaarnksh.com/>

### KALEIDEO JOINS SELECT COS MAKING IMAGING PAYLOADS

#### KaleidEO Joins Select Cos Making Imaging Payloads

Development of payload from scratch is seen as a step up in the capabilities of private sector

**Tuning in**  
Bengaluru: KaleidEO Space Systems, a Bengaluru-based satellite asset operating startup owned by SatSure Analytics India, recently became the first Indian private company to design and develop a high-resolution optical earth observation payload from scratch, which was successfully aerial tested.  
Payload manufacturers mostly rely on designs of India Space Research Organisation (Isro). The move is seen as a step up in the capabilities of the private sector. This comes in the run up to the company's plan to launch four

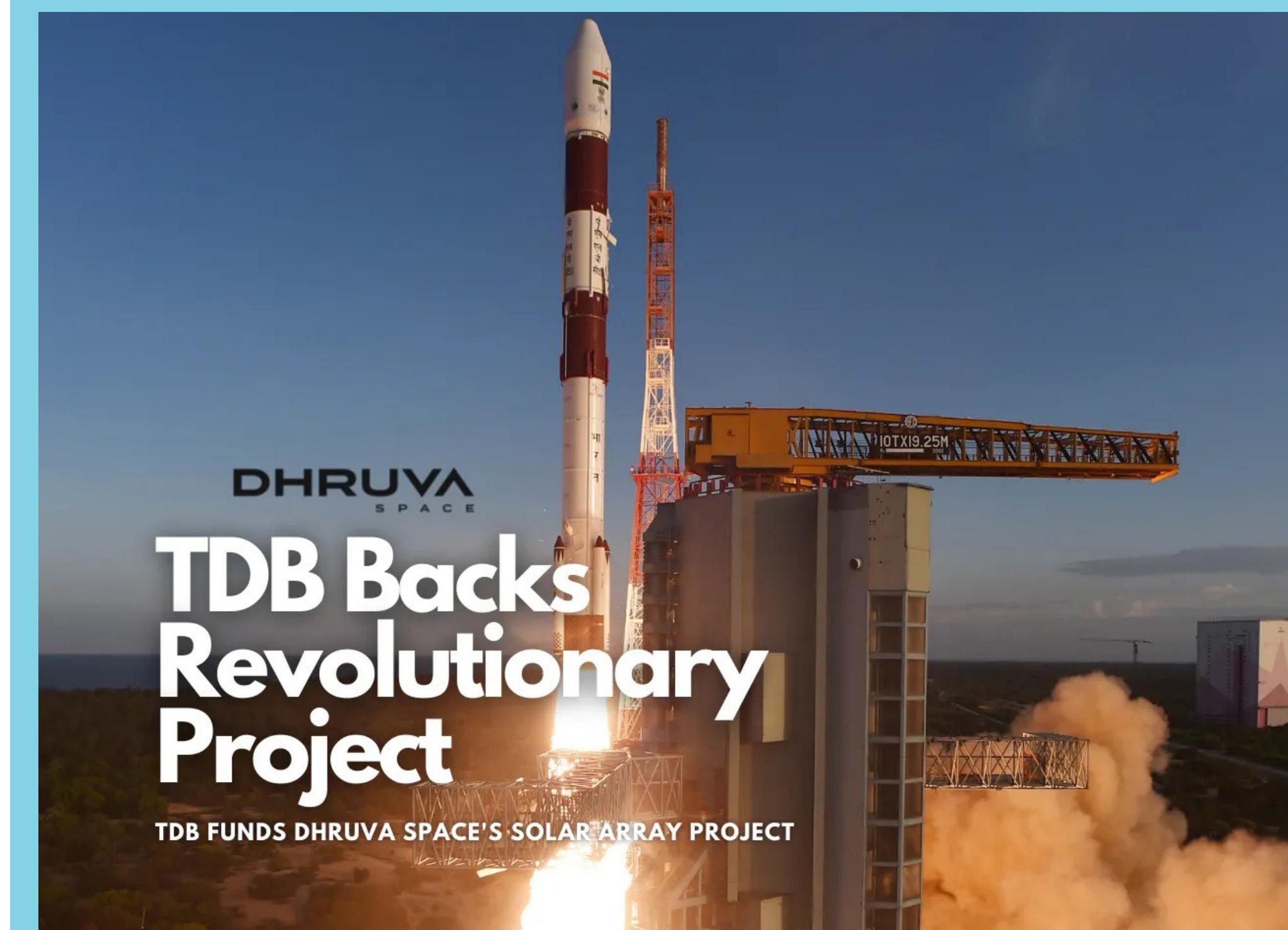
**PRATEEP BASU**  
CEO, SatSure  
  
Since this is a concentrated market, it is an important capability upgrade within the industry in India

**KaleidEO collected 10K images during aerial testing of payload**  
Images will be made available for evaluation by different research agencies in the next few days

SIA India's member KaleidEO Space Systems, owned by SatSure Analytics has joined the ranks of a select few Indian private companies. They achieved India, this by independently designing, developing, and successfully testing a high-resolution earth observation payload from the ground up.

To Know More: <https://economictimes.indiatimes.com/tech/technology/kaleideo-joins-select-companies-making-imaging-payloads/article-show/109894017.cms?from=mdr>

### DHRUVA SPACE'S SOLAR INNOVATION: TDB BOOSTS INDIGENOUS TECH LEADERSHIP



Dhruba Space aims to revolutionise space-grade solar array fabrication with advanced materials and innovative techniques, backed by TDB's endorsement.

To know more: <https://www.tice.news/tice-dispatch/dhruba-spaces-solar-innovation-tdb-fund-4509987>

## BECOME A MEMBER



**Join Forces, Be the Voice as 'Thought Leaders' for the Space Ecosystem**

### ABOUT US

Space Industry Association (SIA-INDIA), a dynamic, not-for-profit space sector association is dedicated to advancing sectoral interest, accelerating industry growth, and catalyzing innovation through strategic engagements with key government and global stakeholders, policymakers, regulatory bodies, and standardization entities.

### KEY VERTICES

- Regulatory, Spectrum and Standardization
- Space Policy & Law
- Space Startups
- Academia Outreach- Capacity Building
- Space Manufacturing
- Ground Segment
- Space Defence Integration
- Satellite Applications
- Artificial Intelligence, Cloud Services, Cyber Security
- Consulting Research & Study

[www.sia-india.com](http://www.sia-india.com)

 An association for space industry

**OUR SERVICES**

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- ▷ Advocacy
- ▷ Networking & Idea Exchange
- ▷ Empowering Startups & MSMEs
- ▷ Capacity Building
- ▷ International Relations
- ▷ Innovations Hub
- ▷ Market Intelligence

**MEMBERSHIP CATEGORY**

- ▷ Patron
- ▷ Corporate
- ▷ Associate
- ▷ Stellar
- ▷ Pioneer
- ▷ Nova

## DG CONNECT

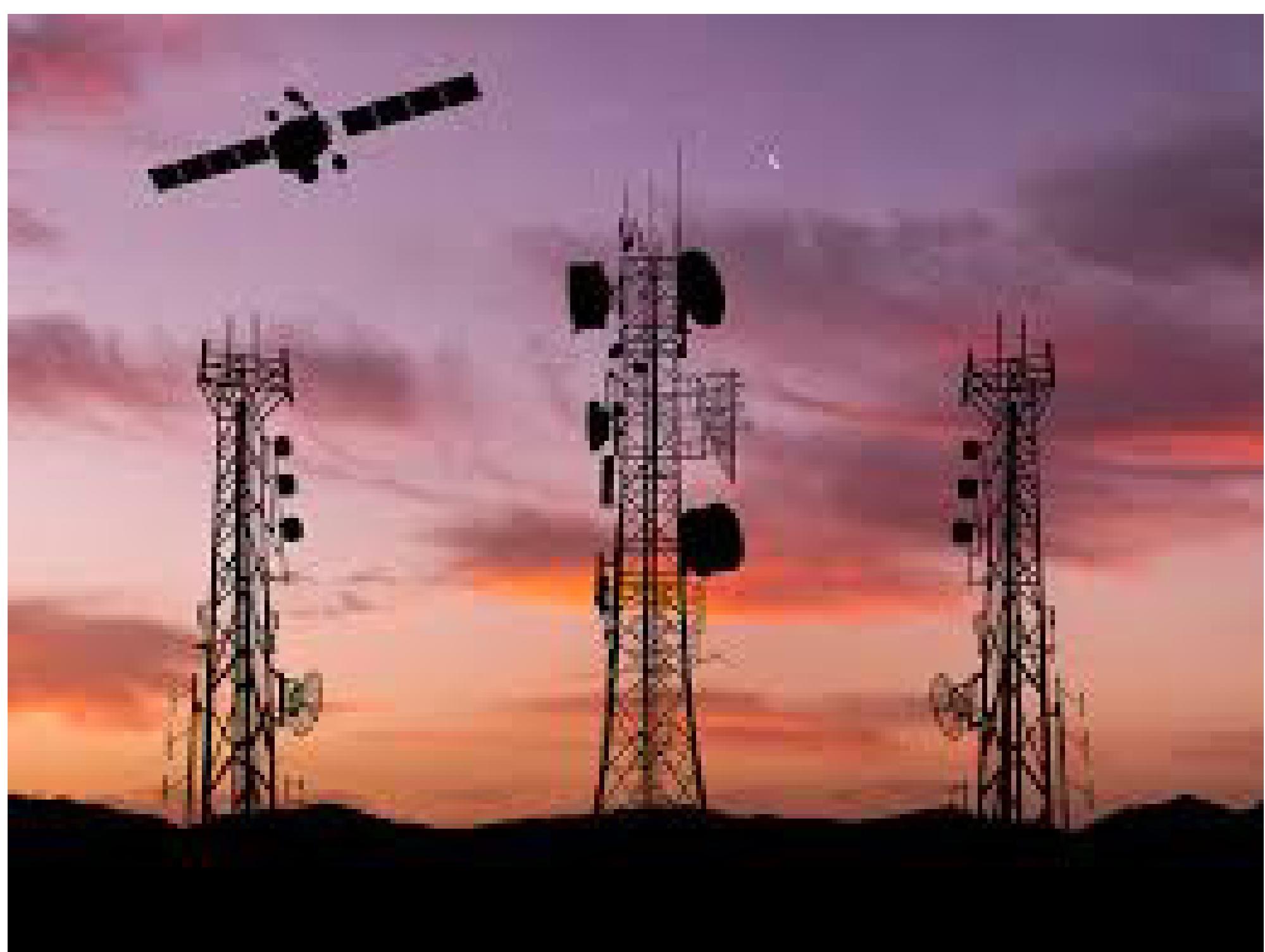


While the Indian satellite communication market is valued at USD2.23 billion in the current year. It is expected to record a CAGR of 17.27% during 2024-2029, reaching USD 5.71 billion by the next five years. And, the telecom players are flexing to further grab interests.

"Satellite technology today is at the same stage as mobile was 25 years ago, to drive its success in the country, satellite technology requires support and policy interventions that propelled the growth of cellular mobile technology."

Mr. Anil Prakash  
Director General, SIA-India

## SIA-INDIA IN NEWS



[https://economictimes.indiatimes.com/prime/prime-decoder/satcom-in-india-has-two-puzzles-to-solve-before-taking-off/primearticleshow/109976459.cms?giftid=7m3ophw95nceykrzu4s2w69tqmelm1ms&utm\\_medium=social&utm\\_campaign=socialsharebuttons&utm\\_source=clipboard\\_web](https://economictimes.indiatimes.com/prime/prime-decoder/satcom-in-india-has-two-puzzles-to-solve-before-taking-off/primearticleshow/109976459.cms?giftid=7m3ophw95nceykrzu4s2w69tqmelm1ms&utm_medium=social&utm_campaign=socialsharebuttons&utm_source=clipboard_web)

## OTHER NATIONAL AND INTERNATIONAL NEWS

ISRO RELEASES ISSAR 2023 REPORT ON VULNERABILITY OF SPACE ASSETS TO COLLISIONS



Read more at: <https://economictimes.indiatimes.com/news/science/isro-releases-isar-2023-report-on-vulnerability-of-space-assets-to-collisions/articleshow/109700558.cms>



<https://www.cnbctv18.com/technology/space-warfare-cyber-warfare-tech-dependency-in-warfare-space-infrastructure-cyber-shield-lt-gen-dr-pjs-pannu-19409227.htm>

### WOZNIAK'S SPACE FIRM, PRIVATEER, BUYS ORBITAL INSIGHT, RAISES \$56.5 MILLION



To know more: <https://www.reuters.com/markets/deals/wozniaks-space-firm-privateer-buys-orbital-insight-raises-565-million-2024-05-06/a>

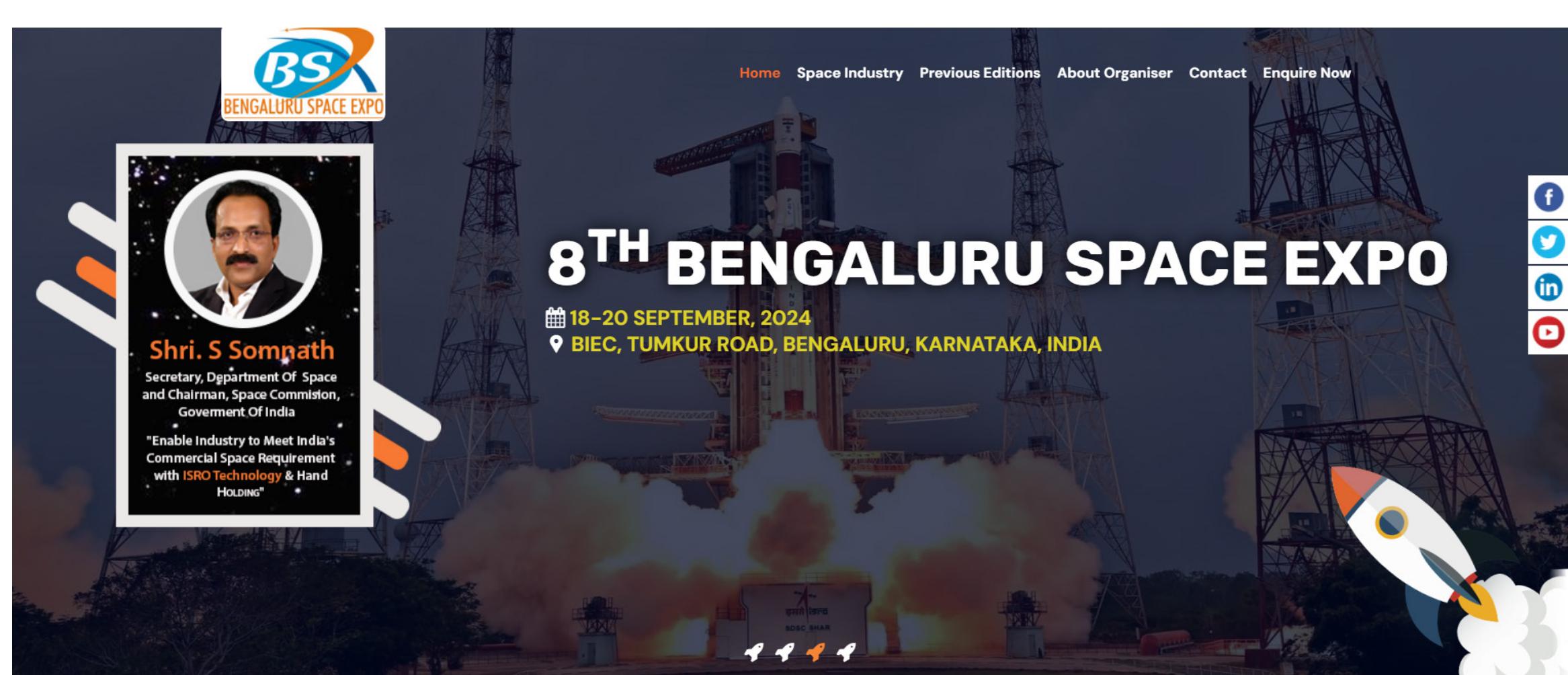
## EVENTS



To know More: <https://telecom.economictimes.indiatimes.com/world-telecommunication-day>



To Know More: <https://usgif.org/geoint-symposium/>



To know more: <https://bsxindia.com/>

### HAL, NAL SIGN TECH TRANSFER PACT FOR TEJAS ENGINE DAY DOOR PRODUCTION



Read more at: <https://economictimes.indiatimes.com/news/defence/hal-nal-sign-tech-transfer-pact-for-tejas-engine-day-door-production/articleshow/109500951.cms>