



NEWSLETTER - JANUARY II

DEFSAT
CONFERENCE & EXPO

7 - 9 February 2024 | Manekshaw Centre, New Delhi

SIA INDIA
wishes you a Happy



REPUBLIC
DAY
26 JANUARY

ORGANISED BY



SUPPORTED BY



KNOWLEDGE PARTNERS



DEFSAT

CONFERENCE & EXPO

7 - 9 February 2024 | Manekshaw Centre, New Delhi

GOLD PARTNER



SILVER PARTNER



BRONZE PARTNERS



OTHER PARTNERS



OTHER PARTNERS



STRATEGIC PARTNER



SUPPORTING ORGANISATIONS



KNOWLEDGE PARTNERS



ACADEMIA PARTNERS



MEDIA PARTNERS



JANUARY 2024

FORTNIGHTLY HIGHLIGHTS

Congratulations to Dr. Shailesh Nayak:

SIA-INDIA extends heartfelt congratulations to Dr. Shailesh Nayak for receiving the prestigious Padma Shree Award for his pioneering work in oceanography. His invaluable guidance has been instrumental for SIA-INDIA.

Recommendations to INSPACE:

SIA-INDIA has submitted its comprehensive recommendations and insights document to INSPACE, contributing to shaping India's Space Sector Growth Strategy.

DEFSAT Preparations in Full Swing:

With just a week remaining, DEFSAT preparations are in high gear. Leadership representatives from India's defense think tanks have convened to formulate the IndSpace Exercise Scenario. The upcoming DEFSAT event has generated significant interest, making headlines in both mainstream and vernacular news.

Bold Budget Reforms for FY 2024-25:

SIA-India presents its Pre-Budget Memorandum, seeking bold reforms for Fiscal Year 2024-25. The proposals aim to revolutionize India's space sector and drive transformative growth.

Comprehensive 15-Point Program:

SIA-India unveils its comprehensive 15-Point Program for transformative reforms in the space sector. The program outlines key initiatives to propel India's space industry to new heights.

Participation in Convergence India Expo:

SIA-INDIA actively participated in India's largest technology and infrastructure expo, the 31st Convergence India, and the 9th Smart Cities India Expo, showcasing its commitment to technological advancements and smart city solutions.



POLICY AND REGULATION

SIA-INDIA has advocated for an increased budgetary outlay for the Department of Space in the Interim Budget for 2024

In our collective pursuit to elevate India's space industry, we, are proactively advocating for crucial budget reforms. We are fervently calling upon the government to enhance the budgetary allocation for the Department of Space, recognizing the pivotal role it plays in advancing our space capabilities. Our comprehensive proposals extend beyond mere financial considerations to regulatory and infrastructural enablers. We stress the need for favorable tax incentives to drive research and development initiatives, coupled with the extension of tax holidays for nascent deep tech startups. Emphasizing the vitality of interest rate subsidies, financial incentives for academia, and targeted visa programs for enterprising individuals, our vision is to foster an ecosystem that nurtures innovation and entrepreneurship.

Furthermore, we underscore the significance of aligning Corporate Social Responsibility (CSR) guidelines with clear objectives and the liberalization of Foreign Direct Investment (FDI) norms, aiming to attract more funds and accelerate growth in the space sector.

Our collaborative efforts signify a shared commitment to position India as a formidable player in the global space domain. Through these concerted reforms, we aspire to create an environment conducive to innovation, attract substantial investments, and drive the nation's space industry towards unprecedented achievements.

To access SIA-India Budget Submission:
<https://www.sia-india.com/positions/>

SIA-INDIA Submission to IN-SPACe's on 'Shaping India's Space Sector Growth Strategy'

SIA-India has released a comprehensive document titled "Facilitating India's Space Sector Growth – A Collaborative Approach" aligning with and committing to IN-SPACe's objectives. The document encapsulating the collective recommendations and insights of its diverse membership proposes transformative reforms, emphasizing the support for deep tech space startups through increased funding, a boost in India's space budget, financial incentives, and collaborative frameworks. Key taxation reforms, regulatory suggestions, and infrastructure proposals aim to fortify India's position in the global space arena, contributing to innovation, economic growth, employment, and the achievement of sustainable development goals.

To access SIA-India Budget Submission:
<https://www.sia-india.com/in-space/>





SIA-INDIA participated in a Crucial meeting to discuss Dr. Kakodkar-Saraswat Committee's recommendation for R&D funding Mechanism

In a significant development, the Budget speech of 2023 unveiled plans to allocate 25% of the R&D budget for the development of Defence technology in India through Indian industries.

A High-Level Committee, led by Dr. Kakodkar and Dr. Saraswat, was subsequently formed to outline the modalities for the utilization of this allocated budget. The committee's report, presented to the Hon'ble Raksha Mantri on January 3, 2024, has now been made available for comments and suggestions from Services Headquarters and Industry Associations.

SIA-India actively participated in the meeting along with Industry Associations and Services Headquarters to discuss the report and its key recommendations. Chaired by Dr. Samir Kamat, Secretary DRDL, and Chairman, DRDO, the meeting took place today at DRDO HQ, New Delhi.

In response to the proposed recommendations by the Dr. Kakodkar - Saraswat Committee, SIA-India has been invited to submit our recommendations and suggestions. We request all members to provide their valuable inputs to Ms. Sudipta Behera at Sudipta.behera@sia-india.com



UPDATES ON DEFSAT 2024

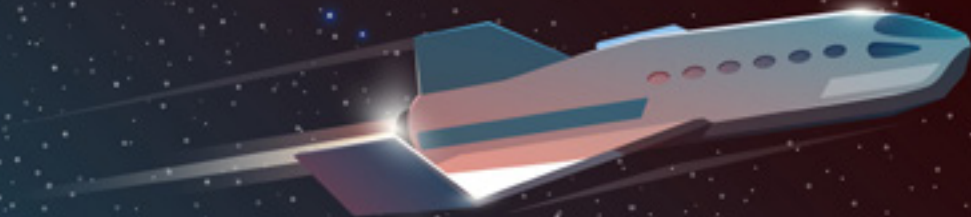
Preparations for DEFSAT 2024 and IndSpace Exercise are in full swing

Representatives from Indian defense think tanks and forces, the Centre for Air Power Studies (CAPS), the Centre for Joint Warfare Studies (CENJOWS), National Maritime Foundation (NMF), DSA, Indian Air Force (IAF), and Indian Navy, had a pre-conference discussion on building the scenarios for the IndSpace Exercise. The IndSpace Wargame exercise not only provided a platform for knowledge exchange but also underscored the critical need for collaborative efforts in ensuring the security and sustainability of space activities. From

left to right the representatives are Wing Commander Uday Pote (IAF), Rajeev Gambhir (SIA-India), Air Cmde S P Singh (CAPS), Captain Nitin Agarwala (IN) (CENJOWS), Capt K K Agnihotri (IN) (NMF), Capt Ashish Malik (IN) (DSA), Front Row: Gp Capt T H Anand Rao (CAPS), AVM Sanjay Bhatnagar (CENJOWS), Lt Gen PJS Pannu (SIA-India), Air Marshal Anil Chopra, Director General (CAPS), Anil Prakash (SIA-India), AVM Anil Golani, ADG (CAPS). SIA-INDIA is thankful to CAPS for hosting the meeting.



We are delighted to gain expertise and collaborative learning from the defense Think Tanks. Thank you for bringing your unique insights, experience, and passion to our platform. Together, we create a space where curiosity thrives, and ideas flourish.



WELCOME KNOWLEDGE PARTNER



Centre for Air Power Studies



DEFSAT 2024 causing waves in vernacular print media



The upcoming DEFSAT Conference has been featured in the mainstream media and vernacular print media as the conference is set to chart a coordinated strategic roadmap for the future readiness of India's defense space capabilities. This gathering of visionaries thought leaders, and key stakeholders will catalyze immediate actions and foster collaboration across government, armed forces, policymakers, and the space industry.

To learn more about the conference, visit:

www.defsatindia.com

Click to register in DEFSAT 2024:

<https://www.defsatindia.com/registration/>



STELLAR CONVERSATION



Commodore JS Shergill
(Retd) advocates for

“India Needs a Military Space Doctrine and Strategy”

Retired Commodore JS Shergill in his recent article highlights India’s successful Anti-Satellite Test on March 27, 2019, showing the nation’s prowess in defending its assets in outer space. Shergill notes the military’s delayed entry into space due to ISRO’s focus on civilian endeavors. While non-military stakeholders advocate increased private participation in civilian space activities, military aspects remain confidential.

To read the full article

<https://www.sia-india.com/corner/india-needs-a-military-space-doctrine-and-strategy/>



Air Marshal GS Bedi
Explores

“Emerging Concerns in Near Space”

In a recent article penned by retired Air Marshal GS Bedi, titled “Emerging Concerns in Near Space: Navigating Security Challenges and Strategic Implications,” the author sheds light on the evolving security landscape in the region above 100 kilometers known as near space.

To read the full article

<https://www.sia-india.com/corner/emerging-concerns-in-near-space/>



Lt Gen PJS Pannu

(Retd)

An article on

“Mosaic Warfare: India’s Transformational Necessity”

Retd. Lt Gen PJS Pannu highlights India’s need to match adversaries in military strategies, emphasizing integration of traditional domains with Space, Cyber, and Digital capabilities. This aligns with the call for self-reliance, pushing for collaboration between the armed forces, DRDO, ISRO, and the private sector.

To read the full article

<https://www.sia-india.com/corner/mosaic-warfare-indias-transformational-necessity/>

All topics, “Emerging Concerns in Near Space” by Air Marshal GS Bedi, “MOSIAC Warfare: India’s Transformational Necessity” by Retd. Lt Gen PJS Pannu, and “India Needs a Military Space Doctrine and Strategy” by Commodore JS Shergill, will be discussed at DEFSAT Conference, offering valuable insights into critical aspects of airspace security and the evolution of India’s military strategies.

If you wish to be published on SIA-India’s Stellar Corner, pls write to us at (sudipta.behera@sia-india.com)

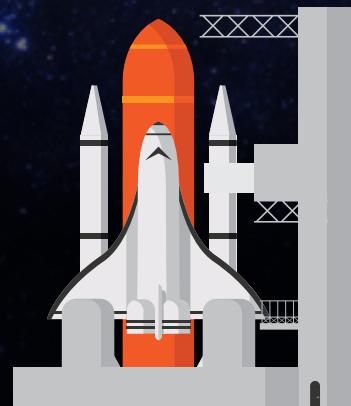
The successful culmination of DefSAT 2023, brought some insightful deliberations that have yielded key actionable and outcomes which will significantly influence the discussions at the upcoming DefSAT 2024.

WELCOME KNOWLEDGE PARTNER

Deloitte.



We are pleased to announce our association with Deloitte and Information Sharing and Analysis Centre (ISAC) as our esteemed Knowledge Partners for DefSAT 2024. Deloitte's and ISAC's expertise and thought leadership will play a pivotal role in distilling the crucial insights and action items stemming from the reflections on DefSAT 2023. Leveraging Deloitte's and ISAC's industry knowledge and strategic insights, we aim to bring forth comprehensive perspectives that will shape the discourse and set the agenda for DefSAT 2024.



A space shuttle is shown launching from the Earth, with the planet's blue and white atmosphere visible in the background. The shuttle is angled upwards, and its boosters are clearly visible.

**TO ADVERTISE
YOUR ORGANIZATION
AT THE CONFERENCE,**

CONTACT

sudipta.behera@sia-india.com

TECHNOLOGY AND INNOVATION NEWS

Sasken Technologies Launches World's First LTE-Technology-Based Satellite Product for Mission-Critical Communications

In a groundbreaking move, Sasken Technologies Limited, a renowned system designer and integrator, proudly unveils the world's first LTE-technology-based satellite product – the Mobile Satellite Equipment (MSE). This innovative solution is designed to facilitate mission-critical communications during natural disasters such as tsunamis, as well as normal operations, offering a comprehensive range of services including emergency calls, voice, fax, messaging, data, and additional functionalities. The introduction of LTE over mobile satellite equipment marks a significant leap forward, bringing standard 3rd Generation Partnership Project (3GPP) services over satellite infrastructure. This transformation turns the legacy satellite network infrastructure into a standard and interoperable telecom network. A standout feature of the MSE system is the integration of a Tracking Antenna unit, enhancing its capabilities for long-term support of telecommunication services.

To read more

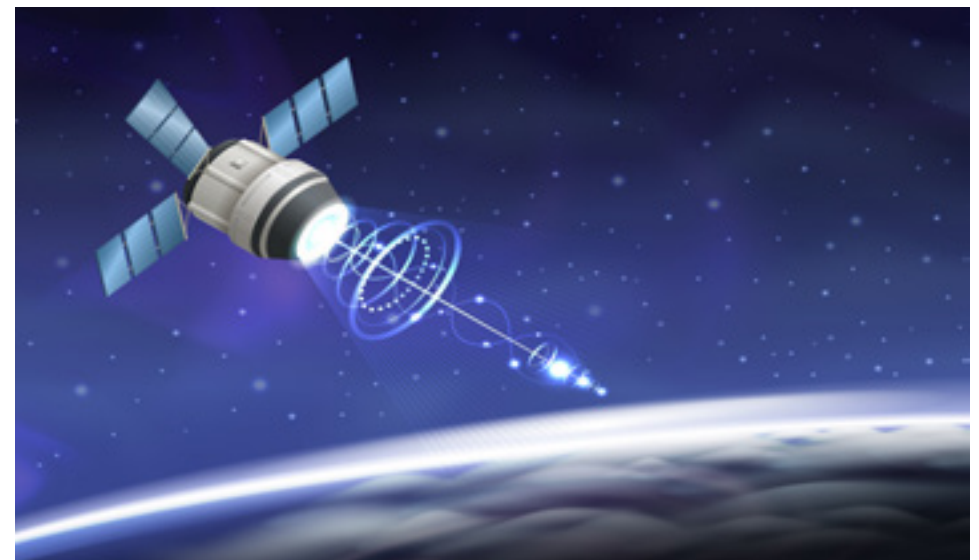
https://www.business-standard.com/content/press-releases-ani/sasken-powers-world-s-first-high-speed-satellite-broadband-device-for-critical-communications-124011800749_1.html

Astrobotic's Peregrine Mission One Concludes Historic Lunar Delivery Service

In a significant milestone for NASA's Commercial Lunar Payload Services (CLPS) initiative, Astrobotic's Peregrine Mission One recently completed its inaugural lunar delivery mission after spending 10 days and 13 hours in space. The mission aimed to advance scientific and technological capabilities for lunar exploration, aligning with NASA's overarching Artemis campaign to explore and develop the Moon. Astrobotic, a key player in the commercial space sector, became the first vendor to launch a mission to the Moon under the CLPS program. This initiative fosters collaboration between NASA and private companies to propel lunar exploration, enabling advancements in science, exploration, and potential commercial ventures on the lunar surface.

To read more

<https://www.nasa.gov/news-release/nasa-science-astrobotic-peregrine-mission-one-concludes/>



SIA-INDIA UPDATES

SIA-INDIA participated in the 31st Convergence India Conference

SIA-INDIA took center stage at India's premier technology and infrastructure exhibition, the 31st Convergence India, and the 9th Smart Cities India Expo, held at Pragati Maidan and organized by the Exhibition India Group (EIG) and India Trade Promotion Organisation. SIA-INDIA engaged with industry leaders, experts, and enthusiasts, presenting cutting-edge solutions and insights in the realms of technology and infrastructure.





SIA-INDIA discussed Space Diplomacy with the Minister of External Affairs at India-US Forum

SIA-India had a conversation with Mr. S. Jaishankar, Minister of External Affairs, during the India-US Forum. The discussion underscored the pivotal role of India's space industry in shaping international relations and fostering global cooperation.

In alignment with our commitment to the sector's growth, SIA-India has submitted a document titled 'Transformative Growth of India's Space Sector: A Blueprint for Future Success' to the Ministry of External Affairs.

This comprehensive submission not only highlights India's past achievements in space but also outlines a strategic roadmap for future success. It emphasizes India's position as a space superpower, achieved through strategic initiatives, global partnerships, and a robust Spacetech startup ecosystem.

SIA-India urges the Ministry of External Affairs to recognize and support these initiatives, ensuring India's sustained prominence as a key player in the dynamic field of space and satellites.



SIA-INDIA Expresses Gratitude as Dr. Chin-Tsan Wang

A delegation from the SIA-INDIA recently met with Dr. Chin-Tsang Wang, Counsellor & Director of the Science & Technology Division, National Science & Technology Council at the Taipei Economic and Cultural Centre in India in India. During the meeting, SIA-India expressed heartfelt gratitude to Dr. Wang for his dedicated service and leadership in fostering strong ties between India and Taiwan in the field of science and technology. Notably, Dr. Wang played a pivotal role in initiating

two Memoranda of Understanding (MoU) between SIA-India and key Taiwanese entities, namely the Taiwan Space Industry Association (TSIA) and the Industrial Technology Research Institute (ITRI) of Taiwan. SIA-India looks forward to continued collaboration with Taiwan, building on the foundation laid during Dr. Wang's tenure, and exploring new avenues for advancement in space science and technology.



SIA-INDIA Delegation Holds Productive Talks with Western Australia Deputy Premier Hon. Rita Saffioti in Delhi

In a significant diplomatic meeting, the SIA-India delegation engaged in constructive discussions with the Western Australia Deputy Premier, Hon. Rita Saffioti BBus MLA. The meeting, hosted by Mr. Philip Green, High Commissioner of Australia, took place in Delhi and focused on enhancing bilateral cooperation and fostering stronger ties between the two nations.



MEMBER'S CORNER

SIA-INDIA Welcomes New Members, Expanding its network and growth of Space Industry

XDLINX

AP PARTNERS

K-SPACE PARK

INSPECITY

LOGIC FRUIT



SIAINDIA
SatCom Industry Association

WELCOME TO THE TEAM

www.appartners.in

AP & PARTNERS
ADVOCATES



SIAINDIA
SatCom Industry Association

WELCOME TO THE TEAM

www.inspecity.com



SIAINDIA
SatCom Industry Association



WELCOME TO THE TEAM

www.logic-fruit.com



SIAINDIA
SatCom Industry Association

Welcome
TO THE TEAM



xdlinx.space



SIAINDIA
SatCom Industry Association

WELCOME TO THE TEAM





LeoLabs Secures NOAA Contract to Develop National Space Traffic Coordination System

LeoLabs, renowned for its extensive catalog of low Earth orbit objects, has secured a crucial contract from NOAA's Office of Space Commerce (OSC) to develop the National Space Traffic Coordination System (TraCSS). Leveraging its expertise and AI techniques, LeoLabs will utilize a vast commercial dataset, including over 20,000 objects and millions of daily conjunction data messages, to establish an advanced system for coordinating space traffic, akin to the vital role air traffic management plays in ensuring flight safety.

To know more

<https://www.prnewswire.com/news-releases/leolabs-receives-order-from-noaas-office-of-space-commerce-to-advance-the-national-space-traffic-coordination-system-302038986.html>

Viasat Successfully Demonstrates UK Satellite-Based Augmentation System for Precision Navigation

Viasat has conducted the first-ever demonstration of a UK satellite-based augmentation system (UK SBAS), showcasing its potential to enhance safety and efficiency through highly accurate GPS data. The trial, funded by the Department for Transport via the European Space Agency's NAVISP program, was carried out in collaboration with a team of UK-based companies, including Goonhilly Earth Station, CGI UK, GMV, Ordnance Survey, Cranfield University, the Cranfield National Flying Laboratory Centre, and Pildo Labs. The test flight, conducted from Cranfield Airport using the National Flying Laboratory Centre's Saab 340B aircraft, spotlighted the capabilities of the UK SBAS in delivering precise and reliable navigation data.

To read more

<https://www.electronicweekly.com/news/viasat-demos-satellite-based-augmentation-system-for-uk-egnos-2024-01/>

Viasat Chosen by U.S. Army for High-Throughput Satellite Communications Upgrade

Viasat, a global satellite communications leader, has been selected by the U.S. Army for its Commercial Satellite High-Throughput, Low Latency Assessment (HT-LL). The order includes Viasat's High-Throughput Upgrade Kits, leveraging the High-Capacity Ka-band network to enhance communication capabilities for the Army's HAWKEYE III LITE terminals. The collaboration focuses on delivering flexible, secure, and low-latency communications to meet evolving battlefield needs, featuring Viasat's CBM-400 with multi-frequency band capabilities and a multi-waveform modem for resilient connectivity.

To know more

<https://www.satnow.com/news/details/1498-viasat-secures-orders-from-u-s-army-for-high-throughput-satellite-technology>



Gilat Satellite Networks Unveils New Brand Identity in Embrace of Space Revolution

GilatSatelliteNetwork, a key player in satellite networking, has unveiled a new brand identity, featuring a redesigned logo that highlights the company's dedication to the evolving space industry. The updated brand captures the dynamic changes in the sector, emphasizing universal access to connectivity. Gilat has demonstrated resilience and innovation, achieving milestones like partnerships, product launches, expansions in in-flight connectivity, a strategic defense acquisition, and sustained growth across various domains.

To know more

<https://www.telecomlead.com/satellite/gilat-satellite-networks-secures-17-mn-contract-for-telecommunications-project-in-peru-114181>

Comsat Systems PVT LTD Marks 42 Years of Active Business Operations

SIA-INDIA congratulates Comsat Systems Pvt Ltd, a distinguished player in the Business Services sector, as it is celebrating its 42nd year of continuous business operations since its incorporation on September 15, 1982. With a robust history spanning four decades, Comsat Systems PVT LTD continues to remain active in its business operations, showcasing resilience and adaptability in the ever-evolving market. As a non-government entity, the company has contributed significantly to the growth and development of the business services sector. The leadership's commitment and the company's enduring presence in the market reflect a success story that stands as a testament to its achievements.

To read more

<https://economictimes.indiatimes.com/company/comsat-systems-pvt-ltd/U72200AP1982PTC003637>

XDLINX Labs and Exotrail Forge Groundbreaking Collaboration in Space Exploration

SIA-INDIA member XDLIX Labs has proudly announced a monumental collaboration with Exotrail, ushering in a new era in the realm of space exploration. The partnership revolves around the integration of Exotrail's cutting-edge spaceware electric propulsion system into the GalaxEye Drishti demonstration mission, which is set to carry the world's first multi-sensor SAR + Optical Earth observation satellite. This landmark collaboration holds profound significance for both XDLINX Labs and the broader Indian space industry. Not only does it mark Exotrail's maiden venture with an Indian customer, but it also paves the way for the widespread adoption of advanced propulsion solutions within India's burgeoning space sector.

To know more

<https://www.exotrail.com/blog/xdlinx-labs-exotrail-unveil-first-contract-for-propulsion>

Members are encouraged to provide us with their updates for inclusion in the SIA-India Newsletter.

BECOME A MEMBER OF SIA-INDIA

A Dynamic, not-for-profit space sector association, dedicated to advancing sectoral interests, accelerating industry growth, and catalyzing innovation through strategic engagements with key governmental and global stakeholders, policymakers, regulatory bodies, and standardization entities.

Our Services



Thought Leadership



Advocacy



Networking & Idea Exchange



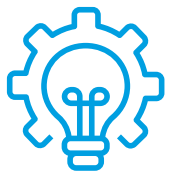
Empowering Startups & MSMEs



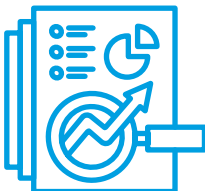
Capacity Building



International Relations



Innovation Hub



Market Intelligence

Contact: www.sia-india.com



DG CONNECT



“The space industry thrives on collaborative efforts, and DEFSAT provides an ideal platform to explore synergies that enhance satellite capabilities for defense. I invite you to delve into the latest industry insights, regulatory updates, and member spotlights. As we navigate the cosmos of opportunities together, let’s shape the future of space exploration. Your participation is integral to the conference’s success and furthering space capabilities.”

Anil Prakash, Director General, SIA-INDIA

SIA-INDIA IN NEWS



DefSat Conference To Bring Space Strategists Together From Feb 7-9

Top space strategists and defense experts, including Chief of Defence Staff Anil Chauhan, will convene at the DefSat-2024 conference from Feb 7-9....

[READ MORE](#)



Blueprint for future-ready defence space capabilities to be unveiled next month

The three-day event, DefSat 2024, is scheduled to take place from Feb 7th to 9th, 2024 at the Manekshaw Centre in New Delhi.....

[READ MORE](#)



अंतरिक्ष रणनीतिकारों को एक साथ लाने वाला 'डेफसैट' सम्मेलन 7-9 फरवरी तक

नयी दिल्ली, 18 जनवरी (भाषा) भविष्य के लिए तैयार अंतरिक्ष क्षमताओं पर विचार-विमर्श के लिए प्रमुख रक्षा अध्यक्ष अनलि चौहान, शीर्ष अंतरिक्ष वैज्ञानिक और रणनीतिक विचारक यहां अगले महीने 'डेफसैट-2024' सम्मेलन में हिस्सा लेंगे।....

[READ MORE](#)



DefSat conference to bring space strategists together from Feb 7-9

Chief of Defence Staff Anil Chauhan, top space scientists and strategic thinkers will deliberate on future-ready space....

[READ MORE](#)

Other National and International News



Starlink reportedly receives GMPCS license from DoT in India at Last

The only two businesses in the nation have the authorizations or licenses required by the government to provide satellite....

[READ MORE](#)



Secretary, Department of Telecommunications Transformative visit to USA

The Secretary of the Department of Telecommunications embarked on a transformative visit to the United States....

[READ MORE](#)



The Rocket Republics: India and France's Pioneering Partnership in Space and Beyond

French President Emmanuel Macron's presence as the Special Guest at India's 75th Republic Day adds a unique dimension....

[READ MORE](#)



Varsity IIST to expand ground station, to open it up for startups

The Indian Institute of Space Science and Technology (IIST) a deemed university under the department of space (DoS)....

[READ MORE](#)



ISRO releases satellite image of Ayodhya Ram Temple ahead of consecration ceremony

The image, which was taken on December 16, last year, also shows Dasharath Mahal, the Ayodhya Railway Station and the pious Sarayu river....

[READ MORE](#)



Fintech firm FinAGG Technologies raises \$11 million in Series A funding

The company, which works in the MSME financing space, said the latest funding will be utilised towards expanding its offline and....

[READ MORE](#)





UPCOMING EVENTS

SmallSat Symposium 2024

The SmallSat Symposium is inviting the space community to Silicon Valley for its ninth annual event.

Dates: 6-8 February 2024



International Space Convention 2024

Attend the ISC 2024, February 12-16, and join over 160 of the top space industry professionals from leading space companies, agencies, and organizations in an immersive 5-day experience.



ORGANISED BY  An association for space industry

SUPPORTED BY

 NITI Aayog

 **MINISTRY OF DEFENCE**

 **DEPARTMENT OF DEFENCE PRODUCTION**

 **ISRO**

 **NSIL**

 **RIS**
Research and Information Systems for Space and Air

 **NIAS**

KNOWLEDGE PARTNERS

 **National Maritime Foundation**





WELCOME ALL PARTICIPANTS

GOLD PARTNER



SILVER PARTNER



BRONZE PARTNERS



OTHER PARTNERS



STRATEGIC PARTNER



KNOWLEDGE PARTNERS



SUPPORTING ORGANISATIONS



ACADEMIA PARTNERS



MEDIA PARTNERS

