

March 2024

Newsletter

Indian Space Association



ISpA

**INDIAN
SPACE
ASSOCIATION**

Bhumandal Se Brahmaand Tak



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.

Highlights of the month

- Watch: India's 21st Century Pushpak 'Viman' Successfully Launched
- 100% FDI In Space Sector | India Space Hub Gamechanger?
- 2024 Interim Budget | Space gets nominal hike, likely boost for spaceflight start-ups
- ISRO set to disrupt the global space business; official decodes gameplan
- Space Frontiers: India Has An Ambitious Blueprint For Its New Security Dimension
- Exploring Mars with a drone! ISRO to send a rotocraft to explore the red planet's atmosphere
- Tamil Nadu Announces New Space Industrial and Propellant Park to Boost Space Technology
- Burden of power: On India's astronauts and the Indian space policy
- Meet 4 astronauts selected for India's space mission 'Gaganyaan'
- More women should pursue careers in space research: Indian-American scientist Swati Mohan
- Japan's Moon lander achieves successful soft landing, resumes operations
- Moon landing: US clinches first touchdown in 50 years

Members Bulletin



MapmyIndia™

- - MapmyIndia wins drone mapping contract with logistics company, eyes recurring revenue.
- - CEO sees drone inspections becoming standard, leading to upselling opportunities.
- - Investment in Indrones Solutions noted in financials for drone pillar development.

- - Digital banks in South Africa go live on Eutelsat OneWeb's LEO service for real-time financial data transmission.
- - Intelsat invests \$250 million in Eutelsat's OneWeb LEO constellation for expanded connectivity solutions.
- - Sat One activates services in Australia and New Zealand with Eutelsat OneWeb's LEO constellation, providing high-speed connectivity to remote areas.
- - Gogo Business Aviation achieves end-to-end connectivity using Gogo Galileo on Eutelsat OneWeb's LEO network, revolutionizing in-flight broadband for business jets.



OneWeb

- - IIT-Madras incubated startup AgniKul Cosmos to launch 3D printed sub-orbital rocket AgniBaan SOrTeD from its private launchpad at Sriharikota later this month.
- - The rocket, weighing 580 kilograms, will carry up to 7 kg of payloads and aims to reach a height of 20 kilometers above the Earth in its first flight.
- - The launch, originally scheduled for Friday, has been postponed due to technical issues observed during countdown rehearsals; new launch date to be announced.



AGNIKUL



- - NIT-Calicut (NIT-C) and Ananth Technologies Private Limited (ATL) signed MoU for satellite research center.
- - MoU signed on March 2, 2024, during Kerala Technology Expo.
- - Center aims to equip students and researchers in space research, open to broader participation.

Members Bulletin

- - Bellatrix Aerospace founders Rohan Ganapathy and Yashas Karanam began their journey after a letter from Abdul Kalam.
- - Named after a star in Orion, Bellatrix aims for space exploration.
- - In 2012, inspired by a visit to NASA, Ganapathy started work on a water-propelled engine.
- - Kalam's recommendation letter and a grant from JSW Steel supported their project.
- - Their first in-space propulsion system was launched in 2023.

BELLATRIX 
AEROSPACE
Propelling Dreams

 **CENTUM**

- - Centum Electronics gains 1.98% after securing a Rs 187 crore order for space-based electronic warfare payloads from DRDO.
- - Contract to be executed within 16 months; Centum specializes in electronic system design and manufacturing for aerospace, defense, and industrial sectors.
- - Reported consolidated net profit of Rs 7.25 crore in Q3 FY24, with sales rising by 52.37% over the previous year.

- - Dhruva Space extends collaboration with Swedish Space Corporation (SSC) to satellite ground station networks for LEAP-1 mission.
- - Collaboration aims to ensure success, safety, and operational integrity of satellite missions during the Launch Early Orbit Phase (LEOP).
- - Dhruva Space's expertise in full-stack space solutions combined with SSC's experience in ground station operations to accelerate growth of new space industries initiatives.

DHRUVA
SPACE

Members Bulletin



HUGHES

- - Hughes Network Systems to deploy Jupiter System for broadband connectivity in Kazakhstan's remote villages.
- - Over 200 villages to benefit from internet access and e-Government services under 'Digital Kazakhstan' program.
- - Contract fulfilled through Timir LLP; financial details undisclosed.
- - Jupiter System offers efficient software-defined networking and high-speed terminals.

- - SatSure and subsidiary KaleidEO partner with ReOrbit to innovate in Earth Observation.
- - KaleidEO provides advanced imaging technology, while SatSure offers downstream solutions.
- - Integration enhances mission efficiency and enables networking of EO constellations.



KALEIDEO



SKYROOT
AEROSPACE

- - Skyroot Aerospace tests Stage-2 of Vikram-1 space launch vehicle, Kalam-250, at ISRO's Satish Dhawan Space Centre.
- - Stage-2 crucial for transitioning from atmospheric phase to outer space.
- - Test records peak sea-level thrust of 186 kN, with vacuum thrust estimated at 235 kN.
- - Kalam-250 features carbon composite rocket motor and solid fuel with EPDM Thermal Protection System.

RLV LEX-02

Landing

Date and Achievement: March 22, 2024 - ISRO's milestone in reusable launch vehicle (RLV) technology with successful RLV LEX-02 landing experiment at Aeronautical Test Range, Chitradurga.

Mission Overview: Following RLV-LEX-01, RLV-LEX-02 showcased Pushpak's autonomous landing capabilities from off-nominal conditions, lifted by an Indian Air Force Chinook helicopter.

Autonomous Landing Process: Pushpak released at 4.5 km altitude autonomously corrected cross-range and downrange parameters to precisely land on the runway, employing brake parachute and landing gear systems for a controlled stop.

Simulation of High-speed Landing Conditions: Mission simulated high-speed landing conditions for space-returning vehicles, validating indigenous navigation, control systems, and landing gear.

Reuse Capability: Reuse capability of flight hardware, certified post-RLV-LEX-01, was demonstrated, aligning with ISRO's cost-effective exploration ethos.

Enhancements for Future Missions: Airframe and landing gear enhancements, informed by RLV-LEX-01 insights, fortified Pushpak for future missions.

Acknowledgment and Praise: Chairman S Somanath and Director S Unnikrishnan Nair praised flawless execution, underscoring mission's criticality for future orbital re-entry endeavors.

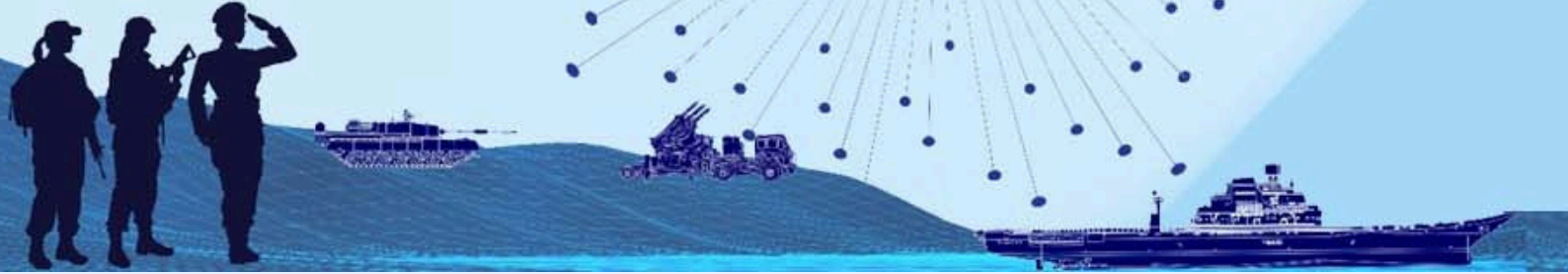
Leadership and Team Synergy: Guided by Programme Director Sunil P and led by Project Director J Muthupandian, the team's synergy ensured success.

- **Contributions from Agencies:** Contributions from agencies like ISTRAC and SDSC-SHAR were pivotal, emphasizing ISRO's collective stride towards advancing autonomous landing capabilities and space exploration.

Updates

DEFCONNECT

INNOVATE INTEGRATE INDIGENISE 2024



Objective and Budget Allocation: With a budget of Rs 750 crore spanning from 2023-24 to 2025-26, ADITI aims to develop approximately 30 critical technologies within the defence sector. Its primary objective is to bridge the gap between defence requirements and the innovation ecosystem.

Key Features and Focus Areas: The scheme also aims to create a 'Technology Watch Tool' and has unveiled 17 challenges in collaboration with various branches of the armed forces, focusing on critical defence challenges.

Emphasis on Technological Edge and Self-Reliance: Shri Rajnath Singh emphasized the significance of achieving a technological edge and self-reliance to make independent decisions on global issues. He stressed the need for a knowledge society and highlighted the importance of research and development (R&D) in achieving these goals.

Defence India Start-up Challenge (DISC): In conjunction with ADITI, the 11th edition of the Defence India Start-up Challenge (DISC) was unveiled, presenting 22 problem statements aimed at fostering innovation within the defence sector.

Government's Commitment and Efforts: The Government's commitment to promoting innovation, entrepreneurship, and self-reliance in defence production was reiterated. Various measures, including earmarking 75% of defence capital procurement for Indian companies, were highlighted to encourage domestic manufacturing.

Partnerships and Investments: As part of ongoing efforts to foster investment in defence start-ups, iDEX announced Memoranda of Understanding (MoUs) with new investors under the iDEX Investors Hub (IIH), facilitating increased investment in defence start-ups.

Read more.....

Updates

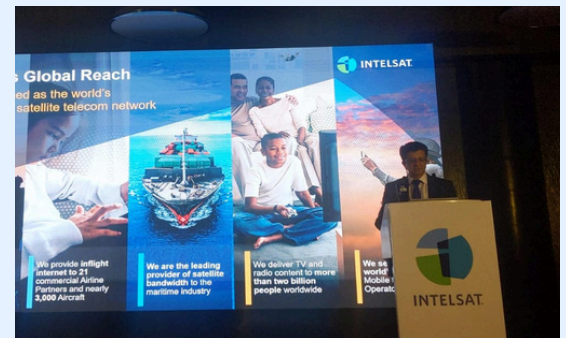
Inauguration of IN-SPACE Technical Center at Bopal, Gujarat and meeting with Minister of State

March 05, 2024: DG ISpA attended the inauguration of IN-SPACE Technical Center by Union Minister of State for Science and Technology Jitendra Singh. A pioneering technical center in Ahmedabad, representing a significant advancement in India's space sector. Established by the Indian National Space Promotion and Authorisation Centre (IN-SPACE), this center aims to revolutionize private sector involvement in space technology development and testing.



Intelsat: Closer Connections

Intelsat's "Closer Connections" event successfully concluded in New Delhi on March 13, 2024. The complimentary event focused on regional market trends and cost-effective connectivity solutions, featuring presentations, technology displays, and networking opportunities for attendees from the media, mobility, civil aviation, and networks sectors.



The ET Telecom 5G|6G Congress 2024

On March 14, 2024, at ITC Maurya in Delhi, the flagship telecom industry conference was attended by top government and regulatory officials and global senior industry executives. The panelists discussed 'Monetisation: Making 5G Work for Enterprise Verticals', 'Network Transformation: 5G-Advanced & Beyond', 'Making a Robust 5G Device Ecosystem', and '6G: A Real Opportunity for India to Shape the Global Standards Framework'.



NASSCOM StartUp Mahakumbh

Startup Mahakumbh in New Delhi from March 18-20, 2024, united India's startup ecosystem. Featuring innovative startups, mentorship clinics, and a 'Bharat Innovates' theme, the event connected entrepreneurs with investors and partners. With a Future Entrepreneurs Day inspiring students, it drew 40,000 business visitors over three days. DG ISpA spoke on Rethinking Research Funding Models for DeepScience Advancements



Voice & Data – 23rd Edition of the Telecom Leadership Forum & Awards

DG ISpA spoke at the The 23rd edition of Voice&Data's flagship Telecom Leadership Forum (TLF) on March 21, 2024, at the Hyatt Regency, New Delhi.

The event, focused on 'Envisioning the Connected Future,' brought together industry leaders, policymakers, technologists, and influencers to discuss advancements in telecommunication technologies, mobile platforms, and digital infrastructure, with Mukesh D Ambani receiving the Lifetime Achievement Award and K Rajaraman being honored as the Telecom Person of the Year for 2023.



2nd Air HQ- CAPS Air Capsule

Director ISpA, spoke on the engagement of the Indian Space Industry with Defence Services during the 2nd Air HQ - CAPS Space capsule organised by the Centre for Air Power Studies, New Delhi.



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'Research funding, agile regulation key to seizing new opportunities in space sector'

2 Mar 2024

Deccan Herald



With India's Second Spaceport Launch, More Private Players Will Make It A Satellite Launch Hub

3 Mar 2024

ABP Live



FDI Liberalisation To Propel More Space Missions Like Gaganyaan: Experts

4 Mar 2024

BW Businessworld



100% FDI in Space to Drive Investments in India

4 Mar 2024

Analytics India Magazine



Govt likely to treat satellite broadband as telecom service, allow 100% FDI via automatic route

6 Mar 2024

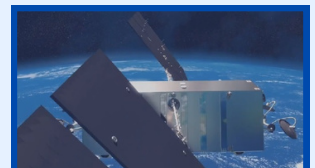
The Economic Times



India may allow 100% FDI for satellite broadband players

7 Mar 2024

Developing Telecom



India's 2nd Spaceport: Here's How Sriharikota's Little Sister Fulfils Country's Space Ambitions

8 Mar 2024

India.com



Story Of India's 2nd Spaceport: Closer To Equator And Ideal For Placing Satellites In Polar Orbit- Kulasekarapattinam Space Station

7 Mar 2024

Times Now



In the year of Gaganyaan, private space sector too set to make a big splash

10 Mar 2024

The Indian Express



National News



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US space news: Odysseus spacecraft goes dormant on moon after lopsided landing

1 Mar 2024
Mint

How India plans to station its astronauts in space

4 Mar 2024
The Times of India

Charting Indian space odyssey: Gaganyaan mission is ambitious, indigenous

3 Feb 2024
Business Standard

Opinion | India's Emergence as Space Superpower Under Prime Minister Modi

3 Mar 2024
News18

India: Up for a Spaceful of Dollars

2 Mar 2024
Deccan Herald

We should explore space when Earth is still livable: Isro chief

2 Mar 2024
The Times of India

Isro identifies 48 backup points for safe return of Gaganyaan astronauts

5 Mar 2024
Hindustan Times

'We would like Isro's help to set up centre for space sciences'

5 Mar 2024
The Times of India

ISRO's EOS-6 satellite enables precise air quality monitoring

4 Mar 2024
The Hindu

India targets 5-fold rise in share of global space economy: Space minister

6 Mar 2024
The Times of India

Training for space at ISRO's Bengaluru centre: Simulators, yoga and engineering classes

6 Mar 2024
The Indian Express

ISRO to guide women with startup dreams

6 Mar 2024
The New Indian Express

IN-SPACe Technical Centre will be pioneer in its own right, says minister

6 Mar 2024
The Indian Express

India eyes market for mini satellites, space services

6 Mar 2024
The Times of India

Made-in-Ahmedabad SAR model headed to space

6 Feb 2024
The Times of India

Govt reviews FDI policy in space; up to 74% automatic FDI allowed

5 Mar 2024
The Economic Times

SIA-India, Space Enterprise Council ink pact to strengthen India-US partnership in space sector

7 Mar 2024
ET Satcom

How Sriharikota's little sister boosts India's space ambitions

7 Mar 2024
The Times of India

IMD plans to set up 85 radars across India, Isro satellite to boost prediction

7 Mar 2024
The Times of India

Isro chief hails PM's vision for space sector

7 Mar 2024
The Times of India

DPIIT notifies changes in FDI norms in space sector

6 Mar 2024
The Economic Times

"Indian Astronauts In India-Made Rocket...": Top Space Official On Gaganyaan

6 Mar 2024
NDTV

NASA and ISRO set to launch NISAR Satellite, aiming to revolutionize Earth observation

6 Mar 2024
The New Indian Express

Chandrayaan-4: India's next lunar mission to be launched in two phases

6 Mar 2024
CNBC Tv18

TIDCO signs MoU with IN-SPACe for industries in space sector

8 Mar 2024
The Times of India

'Launch vehicles are like ICBMs': New space FDI norms keep security in mind

7 Mar 2024
Business Standard

Cross connection: Starlink's India signal may take longer to connect

7 Mar 2024
Business Standard

ISRO to demonstrate indigenously developed electric propulsion system on satellite

7 Mar 2024
The Hindu

'Large rocket capacity being doubled, small rocket privatization by June'

7 Mar 2024
Mint

Centre to rope in ISRO to provide Internet in 80 remote tribal villages

7 Mar 2024
The Hindu

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Bharat in the Next Decade: ISRO Chief Envisions India's Technological Leap at Republic Summit

7 Mar 2024
Republic World

A woman could become chairperson at Isro in the not-too-distant-future'

11 Mar 2024
The Times of India

Opinion | Mission Gaganyaan: Marking a New Chapter in India's Space Odyssey

10 Mar 2024
News18

Sunil Bharti Mittal: The man who transformed India's telecom sector is the Business Icon of the Year

10 Mar 2024
Business Today

ISRO's Chandrayaan-4 to bring back Moon rocks and soil to Earth, use dual-rocket system

10 Mar 2024
The Times of India

Universe is the limit for NASA-ISRO collaboration, says Swati Mohan

9 Mar 2024
The Hindu BusinessLine

Future is in technology, says ISRO chairman

9 Mar 2024
The Hindu

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12 Mar 2024
The Times of India

Insat-3DS begins capturing crucial Earth images

11 Mar 2024
The Times of India

IIT Madras partners with Vellon Space for extra-terrestrial manufacturing research

11 Mar 2024
The Economic Times

State-run IIFCL seeks infrastructure tag for space sector

11 Mar 2024
The Economic Times

We need our own GPS and space station to become a major player in the aerospace industry: Dr Somak Raychaudhury

13 Mar 2024
The Indian Express

DoT abolishes wireless operating license

12 Mar 2024
ET Telecom

Allahabad Univ gearing up to launch course in space science

12 Mar 2024
Hindustan Times

FCC Adopts New Satellite-to-Cell Regulatory Framework

15 Mar 2024
Satellite Today

After Fab 4, next round of astronaut selection may begin in 6 month

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The Times of India

Bengaluru-based Satyukt helps farmers using satellite data from NASA, ESA, others

14 Mar 2024
The Indian Express

Indian Navy Inks Contract With Bengaluru-Based NewSpace For High Altitude Pseudo Satellite: Here's All You Need To Know

14 Mar 2024
Swarajya

Career opportunities for students after space education

14 Mar 2024
India Today

Nisar only in 2nd half of 2024; Trishna gets nod

19 Mar 2024
The Times of India

ISRO Gearing to Conduct Second Landing Experiment of 'Pushpak' This Week

19 Mar 2024
Republic World

Govt seeks tech support, collaboration with ISRO

21 Mar 2024
The Times of India

Beyond Moon, Mars: India readies plan to reach for the stars in next five years

20 Mar 2024
India Today

CSIR-NIIST, VSSC ink deal for collaboration in advanced materials for space missions

20 Mar 2024
The Hindu

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22 Mar 2024
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Isro chief: India's space station to help scientists become astronauts

22 Mar 2024
The Times of India

New capabilities: India and the Agni-V with MIRV

22 Mar 2024
The Hindu

India signs agreement with Indonesia for cooperation in space domain

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How university students are being trained to manufacture precision components for ISRO

21 Mar 2024
Education Times

UAE-based firm & Indian start-up join hands to deliver High Altitude Pseudo Satellite

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MTAR: Carving a special place in India's space exploration ambitions

20 Mar 2024
Forbes India

PSLV's POEM-3 re-enters Earth, falls in Pacific ocean

25 Mar 2024
The Times of India

Starlink's services in India set to face delays

25 Mar 2024
Mint

India lighthouse for smaller, aspiring space nations: WEF official

24 Mar 2024
The Economic Times

India's 1st Pseudo Satellite, With Agility Of A Jet & Endurance Of A Satellite, Soon To Scan China

23 Mar 2024
The EurAsian Times

Isro's Nisar mission launch delayed, key component sent back to Nasa

23 Mar 2024
India Today

Pushpak Viman: India's reusable spacecraft paves the way for affordable space exploration

22 Mar 2024
Firstpost

EAM Jaishankar, Singapore's trade minister discuss semiconductors, space

26 Mar 2024
Business Standard

How India's four astronauts are preparing for Gaganyaan space flight

26 Mar 2024
The Indian Express

Will HAPS see take-off in India

26 Mar 2024
Developing Telecoms

French firm Starburst Accelerator SARL partners with IIT Madras to set up ₹100 Million Start-up Hub

26 Mar 2024
The Times of India

India's space economy can take flight with 100% FDI, but it needs a law to lift-off

28 Mar 2024
The Print

ISRO Plans To Launch First Module Of Indian Space Station By 2028 - Times Now Summit 2024

27 Mar 2024
Times Now

Space's Strategic Significance in Future Conflicts

27 Mar 2024
The Financial Express

A Shot In The Sky: India's Old Space Encounter

27 Mar 2024
Newsx

International Astronomical Union approves 'Shiva Shakti' as Chandrayaan-3 landing site name

27 Mar 2024
Business Today

Space 2.0: India has entered a new era of research and private investments, boosting space tech innovation

30 Mar 2024
Mint

Pushpak' viman: Decoding India's ambitious Reusable Launch Vehicle

30 Mar 2024
India Today

Spacetech Startups In India: Exploring The Final Frontier

30 Mar 2024
Inc42

Isro launches 'START' training program for space science enthusiasts

29 Mar 2024
The Times of India

As Space Security Scares Mount, India Works on Military Space Capabilities

29 Mar 2024
TheWire.in

Jio against commercial use of satellite spectrum without auction

29 Mar 2024
The Economic Times

Fostering Space Collaboration: SIA-India and ABRASAT Partnership

28 Mar 2024
The Financial Express

What is satellite-based toll collection system, how will it be different from FASTag, and other details

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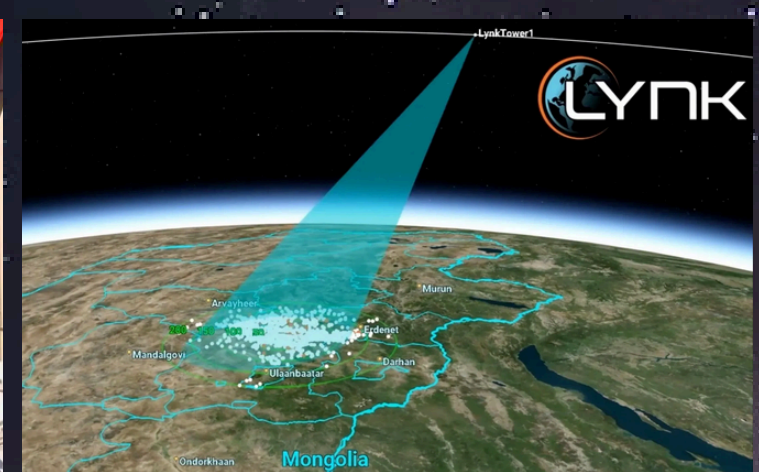
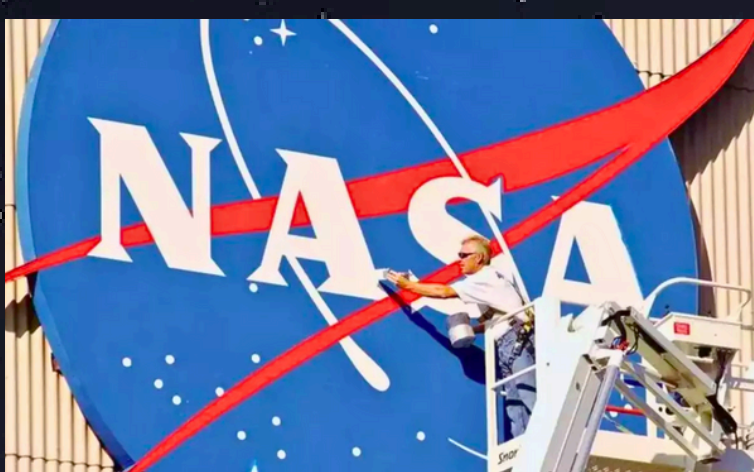
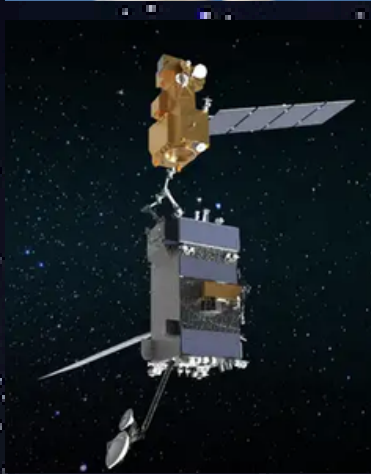
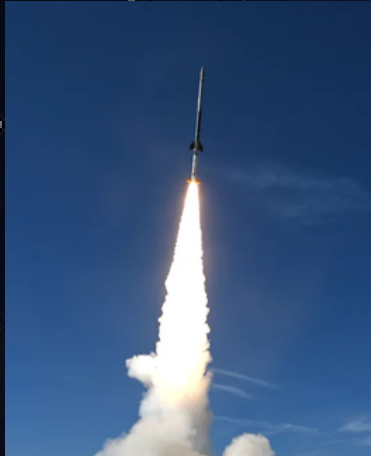
'What India is accomplishing in space is astonishing', European space agency praises Isro

30 Mar 2024
The Times of India

ISRO will conduct START 2024 during April-May

27 Mar 2024
The Hindu

International News





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SpaceX launches Crew-8 astronaut mission to International Space Station for NASA

4 Mar 2024
Space.com

See the New Satellite Tracking Methane Pollution from Space

3 Mar 2024
The New York Times

NASA cancels \$2 billion Maxar OSAM-1 satellite refueling project

4 Mar 2024
Quartz

'We look forward to work with ISRO and get the Indian astronaut into space'

5 Mar 2024
The Hindu

New geospatial data startup streamlines satellite imagery visualization

5 Mar 2024
TechCrunch

Greater scientific collaboration key to unlocking mysteries of space, says NASA scientist

7 Mar 2024
The Hindu

Democrats probe SpaceX Starlink's compliance with Russia sanctions

7 Mar 2024
The Washington Post

SpaceX launches 23 Starlink satellites from California in 2nd leg of spaceflight doubleheader

11 Mar 2024
Space.com

ISS drops 5800 pounds of waste batteries: This is how they can impact Earth

11 Mar 2024
The Times of India

Sateliot to Launch Four New Satellites, Entering Commercial Phase

10 Mar 2024
Telecom Talk

SVideo: Four astronauts safely splashdown on Earth from space

12 Mar 2024
India Today

SpaceX's starship journeys into space, lost on re-entry: 'Still a big step forward'

15 Mar 2024
The Times of India

SpaceX's third Starship test flight gets FAA green light

14 Mar 2024
The Times of India

Lyng Global Deploys Two New Satellites for Sat2Phone Service Expansion

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TelecomTalk

SpaceX to sell satellite laser links that speed in-space communication to rivals

19 Mar 2024
Reuters

Nasa empowers future space innovators, selects 10 new round of candidates for CubeSat missions

19 Mar 2024
The Times of India

Leos, Meos and Geos: Broadband from the stars is coming soon

21 Mar 2024
Mint

NASA's budget cuts may force them to shut down one of a kind, Chandra X-ray Observatory

27 Mar 2024
Firstpost

NASA to launch 3 rockets in April during total Solar Eclipse 2024; Find out why, other details here

31 Mar 2024
Mint



International News (China)

China's space industry continues on extensive intl exchanges, sharing and cooperation: CASC

6 Mar 2024
Global Times

China's satellites are improving rapidly. The PLA will benefit

8 Mar 2024
Mint

China launches signal relay satellite for mission to moon's hidden side

20 Mar 2024
ThePrint

Chinese military's growing influence in space operations raises alarms across the globe

20 Mar 2024
Republic World

International News (Other Nations)

Iran's Pars 1 satellite enters space after Russian launch

1 Mar 2024
India Today

Italy to host main control centre for EU satellite constellation

5 Mar 2024
ET Satcom

Italy's Leonardo looks to space for future growth

8 Mar 2024
ET Satcom

Watch: Japan's Space One Rocket Explodes Seconds After Lifting Off

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News18

Yahsat, UAE, to bring satellite connectivity to standard smartphones

15 Mar 2024
The Print

Space is becoming a global geopolitical theatre

19 Mar 2024
Deccan Herald

PUS and Japan seek UN resolution calling on all nations to ban nuclear weapons in outer space

19 Mar 2024
The Indian Express

Scientists are trying to de-ice Euclid satellite millions of kilometres away

19 Mar 2024
The Indian Express

Russian Soyuz spacecraft with 3 astronauts docks at the International Space Station

26 Mar 2024
The Times of India

Japan Moon probe survives second lunar night: Space agency

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Moneycontrol

Startical selects NanoAvionics to test satellite systems for space-based air traffic services

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JOB OPENINGS FROM OUR MEMBERS

The top half of the slide features a stylized illustration. On the left, the Indian Parliament building is depicted in shades of green and grey. On the right, a person with dark hair, wearing a white shirt and a dark vest, is shown from the chest up, looking towards the left. Overlaid on this illustration is the text 'Government Policies Consultations Recommendations Announcements' in a large, white, sans-serif font.

Government Policies Consultations Recommendations Announcements

- **Consultation Paper on Connectivity to Access Service VNOs From More Than one NSO**
- <https://www.trai.gov.in/release-publication/consultation>
- **Consultation Paper on Assignment of Additional Spectrum to Indian Railways for its Safety and Security Applications**
- <https://www.trai.gov.in/release-publication/consultation>

Upcoming Events

18-20 April 2024	2nd Indian DefSpace Symposium	New Delhi
13-21 July 2024	45th COSPAR Scientific Assembly - COSPAR 2024	South Korea
06-15 August 2024	XXXII IAU General Assembly	South Africa
03-05 October 2024	3rd Indian Space Conclave	New Delhi

JOIN US

CALL FOR NEW MEMBERSHIP

ISpA is an apex non-profit industry body, set up exclusively for the successful collaborative development of the Private Space Industry in India.

- Participate in policy advocacy
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- Engagement with industry and defence experts via diverse platforms
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