

NEWSLETTER

INDIAN SPACE ASSOCIATION



EXPLORING THE FINAL FRONTIER:

ISpA Newsletter Unveils Future of Sustainable Space Exploration



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

- ISRO to launch Venus Orbiter Mission on March 29, 2028
- Under the optimisation plan India working on satellites in three orbits
- Govt exploring ways to allow industry to use ISRO premises for setting up satellite ground stations
- Isro to build 3rd launch pad, next-gen rocket could also land on sea
- CCS 'approves launch of 52 spy satellites for Rs 27,000 crore to boost space surveillance
- ISRO chief reveals new launch timelines: Gaganyaan in 2026, Chandrayaan-4 in 2028, NISAR in 2025
- Falcon Heavy launches NASA's Europa Clipper mission
- NASA unveils new telescope to study gravitational waves in space
- China To Build Lunar Space Station, Explore Habitable Planets Under New Plan
- Europe's satellite disintegrates in crucial geo orbit, draws flak from Russia for adding to space junk
- European Space Agency in talks with SpaceX to manage and declutter space waste

MEMBERS BULLETIN



AIRTEL

- Bharti Airtel reaffirmed its commitment to satcom services for connecting remote and underserved areas.
- The company emphasized its focus on enabling broadband for maritime, aviation, defense, and disaster recovery sectors.
- Airtel remains proactive in supporting satcom technology to bridge connectivity gaps nationwide.



ANANTH TECHNOLOGIES

- Ananth Technologies handed over two 400 kg satellites to ISRO for its upcoming Space Docking Experiment.
- The satellites will launch on the PSLV-C60 mission in December, paving the way for India's space station and Chandrayaan-4 missions.
- ATL has supported ISRO for over two decades, contributing electronic subsystems to major Indian space programs.



BELLATRIX

- Bellatrix Aerospace's orbital transfer vehicle, Pushpak, will be integrated into NSIL missions.
- An MoU was signed at the Bangalore Space Expo between NSIL and Bellatrix.
- Pushpak enables precise in-orbit manoeuvring and multi-orbit satellite deployments.
- The partnership supports complex missions, including geostationary transfers and future deep space projects.



INTELSAT

- Intelsat plans to launch its wholly owned Indian subsidiary by December 2024.
- Existing operations in India will be transferred to comply with the India Space Policy 2023.
- The subsidiary aims to tap emerging market opportunities and grow 10% to 15% in India over five years.
- Applications for FDI and authorization with InSpace and the Department of Space are underway.

MEMBERS BULLETIN



LARSEN AND TOUBRO

- Larsen and Toubro expressed interest in contributing to NASA's next space station project.
- L&T previously engaged with Blue Origin on orbital launch and space habitat solutions, though talks faced challenges.
- Discussions with NASA are ongoing, aiming to secure a role for Indian firms in the supply chain.
- L&T has a five-decade legacy of supporting ISRO's space missions.



SKYROOT AEROSPACE

- Skyroot Aerospace successfully tested the Reaction Control System (RCS) for the Vikram-1 rocket.
- Four Raman Engines fired in pairs demonstrated positive and negative roll corrections.
- The RCS performed 65 pulses, each lasting 60 to 1,200 milliseconds.
- The test validated avionics and propulsion systems, advancing Vikram-1 toward its first orbital flight.



SPACE KIDZ

- Northern Uni and Space Kidz India launched Sri Lanka's first student-led satellite project in Jaffna, involving school students in satellite design and development.
- MoU was signed during World Space Week with key dignitaries present.
- Space Kidz India launched "ShakthiSAT" to inspire 12,000 young girls from 108 countries in STEM education.
- The mission engaged 108 students per country to promote global collaboration in space science.



ISRO

INDIAN SPACE RESEARCH ORGANISATION

THE UPPER STAGE OF PSLV-37 WHICH LAUNCHED A RECORD NUMBER OF 104 SATELLITES RE-ENTERS THE EARTH'S ATMOSPHERE ON 6 OCT 2024

PSLV-C37 was launched on 15 Feb 2017 with Cartosat-2D as the main payload along with another 103 satellites as co-passengers, namely INS-1A, INS-1B, Al-Farabi 1, BGUSAT, DIDO-2, Nayif 1, PEASS, 88 Flock-3p satellites, and 8 Lemur-2 satellites. It created history as the first mission to launch 104 satellites with a single vehicle.

[Click here to read more](#)

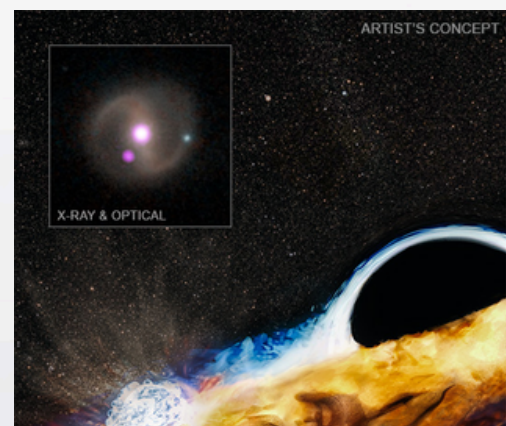


INDIA'S ASTROSAT AND NASA'S SPACE OBSERVATORIES CAPTURE DRAMATIC ERUPTIONS FROM STELLAR WRECKAGE AROUND A MASSIVE BLACK HOLE

A massive black hole has torn apart one star and is now using that stellar wreckage to pummel another star or smaller black hole that used to be in the clear. This discovery was made using NASA's space observatories—Chandra, HST, NICER, Swift—and ISRO's AstroSat. It provides astronomers with valuable insights, linking two mysteries where there had previously only been hints of a connection.

In 2019, astronomers witnessed the signal of a star that got too close to a black hole and was destroyed by the black hole's gravitational forces. Once shredded, the star's remains began circling the black hole in a disk in a type of stellar graveyard.

[Click here to read more](#)





ISRO

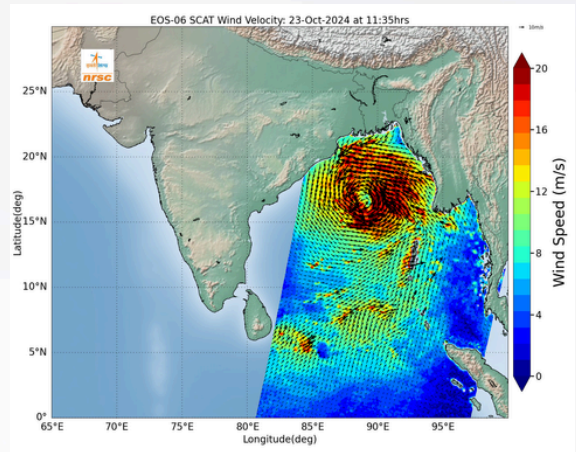
INDIAN SPACE RESEARCH ORGANISATION

ISRO SATELLITES TRACK CYCLONE DANA

Cyclonic Storm 'DANA' is fast approaching the coastal districts of Odisha and West Bengal. ISRO satellites are tracking the cyclone since 20-Oct-2024. ISRO polar orbiting satellite EOS-06 and geostationary satellite INSAT-3DR are regularly providing valuable information on the cyclone status.

ISRO polar orbiting satellite EOS-06 Scatterometer sensor provides the status of ocean winds and their circulation well before the formation of the cyclone.

[Click here to read more](#)



DEPARTMENT OF BIOTECHNOLOGY (DBT), MINISTRY OF SCIENCE AND TECHNOLOGY AND INDIAN SPACE RESEARCH ORGANISATION (ISRO), DEPARTMENT OF SPACE (DOS) SIGNS FRAMEWORK MEMORANDUM OF UNDERSTANDING ON COOPERATION IN SPACE BIOTECHNOLOGY

Dr. Jitendra Singh, Union Minister of State (Independent Charge) for Science and Technology, Minister of State (Independent Charge) for Earth Sciences, MoS PMO, Department of Atomic Energy, Department of Space, Personnel, Public Grievances and Pensions, presided over the signing of the Framework MoU between Department of Biotechnology (DBT), Ministry of Science and Technology and Indian Space Research Organization (ISRO), Department of Space (DoS) on Cooperation in Space Biotechnology.

[Click here to read more](#)



IspA ACTIVITIES

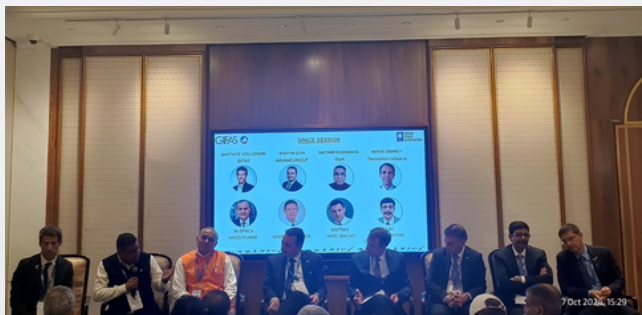
IspA HOSTS SUCCESSFUL COLLABORATIVE EVENT WITH GIFAS OCTOBER 07, 2024:

The Indian Space Association (ISpA), in collaboration with the Groupement des Industries Françaises Aéronautiques et Spatiales (GIFAS), successfully hosted a French delegation comprising 60 leaders from the Space, Defense, and Aviation sectors, representing 100 companies. The delegation engaged with 160 Indian industry delegates, facilitating discussions to foster stronger industry connections and explore collaborative opportunities.

The plenary session featured esteemed speakers, including Hon'ble Minister Shri Kinjarapu Rammohan Naidu, Minister of Civil Aviation; Dr. S. Somnath, Chairman of ISRO; and Ambassador Thierry Mathou, French Ambassador to India. Their insights emphasized the significance of bilateral cooperation in advancing space and aviation technologies.

The GIFAS delegation participated in discussions focusing on ongoing space programs in France and India. Key topics included identifying new avenues for collaboration and enhancing partnerships in cutting-edge space and defense technologies. Notable participants included representatives from leading companies such as Thales Alenia Space, ArianeGroup, Safran Space, and Axon Cable Interconnector & Wire. Indian industry was represented by L&T, alongside Dr. Vinod Kumar, Director of the Promotion Directorate, IN-SPACe, Department of Space. ISpA and GIFAS moderated the session, ensuring a constructive dialogue.

The event also featured over 400 successful B2B meetings, organized by ISpA in partnership with the Society of Indian Defence Manufacturers (SIDM) and the Federation of Indian Chambers of Commerce & Industry (FICCI). These interactions fostered meaningful connections, paving the way for future collaborations between Indian and French industries.



ISpA ACTIVITIES

DG ISpA ADDRESSD AT ASTRONOMIX 2024 EVENT

OCTOBER 06, 2024:

- DG ISpA, addressed students at Punjab Engineering College during the 3-day Astronomix 2024 event held at the college complex.
- He spoke about the privatization of space in India and the emerging opportunities in the sector.
- Punjab Engineering College, the alma mater of Dr. Satish Dhawan and Kalpana Chawla, hosted the event.



NASSCOM FUTURE FORGE: FIRESIDE CHAT

OCTOBER 17, 2024:

- The 21st edition of Nasscom Future Forge, held on 16-17 October in Bangalore, focused on "Accelerating Deep Tech Growth from India for the World."
- Experts, policymakers, and industry leaders discussed solutions to infrastructure gaps, regulatory challenges, talent development, and scaling the deep tech ecosystem.
- The event brought together startups, investors, and thought leaders to foster collaboration and explore growth opportunities.
- DG- ISpA spoke about the remarkable developments in the Indian space sector at nasscom future forge 2024. He highlighted how the inception of the Indian Space Association, under the new space policy introduced by the government in 2020, has made it easier for startups and private players to enter the space tech industry.
- Speaking on the impact of Deep Tech, he emphasized how it can propel India to become a dominant economic force with an all-inclusive digital population. He also mentioned that over the years, they have observed significant opportunities and use cases in satellite communication, ISR (Intelligence, Surveillance, and Reconnaissance), and PNT (Positioning, Navigation, and Timing).



IspA ACTIVITIES

DG ISPA KEYNOTE ADDRESS ON SATELLITE COMMUNICATION: THE PULSE OF A DIGITAL NATION | OCTOBER 15-18, 2024:

- ISpA made its mark at the prestigious India Mobile Congress (IMC) 2024 as the official Space Partner, highlighting the crucial role of satellite communications in India's digital transformation journey.
- Director General delivered a compelling keynote address focusing on "Satellite Communication: The Pulse of a Digital Nation" during the October 15-18 event in New Delhi.



SPACETECH WEBINAR #06 OCTOBER 21, 2024:

- The 6th SpaceTech Webinar, titled "Unraveling High-Resolution Thermal Data from Space: Principles & Application" was successfully conducted.
- The webinar explored the intricate principles and applications of high-resolution thermal data from space.

[Click here to watch](#)



GUEST LECTURE AT ARMY WAR COLLEGE OCTOBER 24, 2024:

- Strengthening Strategic Understanding ISpA's Director and Director General delivered insightful guest lectures at the prestigious Army College on October 24, 2024, addressing "India's Holistic Approach Towards Space Utilisation: History, Challenges and Way Forward."



IspA ACTIVITIES

KEDMUN '24 CONFERENCE OCTOBER 25, 2024:

- Director General of the Indian Space Association, delivered a virtual keynote address at KEDMUN '24 (Kerala Model United Nations) on October 25, 2024, emphasizing the critical role of global cooperation in addressing contemporary challenges.
- The session successfully engaged young delegates in discussions about crucial global challenges and the role of international cooperation in addressing them.



ISpA IN NEWS

Can India's New Space Missions Launch The Country's Spacetech Startups Into A New Orbit?

2nd Oct 2024
Inc42

India and France strengthen aerospace ties, signs MoU for bilateral coop

07 Oct 2024
Business Standard

Indo-French space collaboration entering exciting new phase : ISpA

09 Oct 2024
United News of India

India's space strategy: harness data and tiny satellites to capture market beyond SpaceX || 14 Oct 2024

Reuters/Deccan Herald

India's space strategy: Harness data to capture market beyond SpaceX

14 Oct 2024
Business Standard

Satcom spectrum's admin allocation big step to connect remote areas: ISpA

16 Oct 2024
Business Standard

Will consider all stakeholders views on satellite spectrum: Trai chief

16 Oct 2024
Business Standard

ISpA backs telecom minister Scindia's call, says shared spectrum can't be auctioned

16 Oct 2024
The Economic Times

Ready for internet services in India: Musk

17 Oct 2024
The Times of India

Will do best to serve people of India: Musk

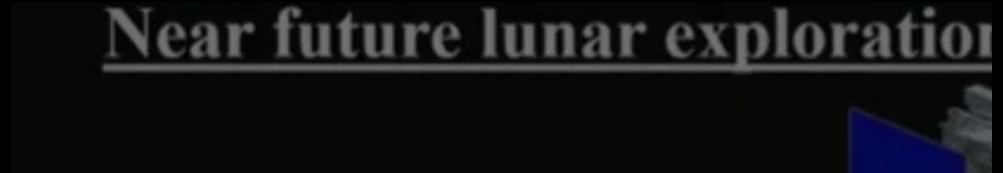
17 Oct 2024
The New Indian Express

India can lead global collaboration for 6G: Experts opine during India Mobile Congress 2024

19 Oct 2024
ET Government

More jobs, investment: Space industry welcomes Rs 1K crore VC fund

24 Oct 2024
Business Standard



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Chandrayaan-5 (2025 - 2026)

- Precise land
- High capac
- survivabili
- Analysis o
- PSRs of L
- 2028 - 202

Chandrayaan-4

- Lunar Sample Return Mission
- Surface / Sub-surface Lunar sample collection
- 2027 - 2028

NATIONAL NEWS

Steady but slow: On the VIPER mission, lessons for India

01 Oct 2024
The Hindu

Make in India for space and geospatial sector to fuel growth: G20 Sherpa Amitabh Kant

01 Oct 2024
ET Satcom

ISRO to launch Venus Orbiter Mission on March 29, 2028

01 Oct 2024
Deccan Herald

Trip to Isro Atal school students' space odyssey

02 Oct 2024
The Times of India

Why is ISRO planning to assemble Chandrayaan 4 mission in space?

02 Oct 2024
Hindustan Times

Arkam Ventures targets middle India: GenAI, space tech, EVs among key areas

02 Oct 2024
Business Standard

Virtual talk by Gaganyaan astronaut

03 Oct 2024
The New Indian Express

NIMHANS should provide solutions for psychological well-being of astronauts in space: ISRO Chairman

03 Oct 2024
The Hindu

ISRO chairman Somanath to launch cybersecurity R&D centre near airport on Thursday

04 Oct 2024
The Economic Times

Govt exploring ways to allow industry to use ISRO premises for setting up satellite ground stations

04 Oct 2024
Moneycontrol

MS Dhoni invests additional Rs 3 crore in IPO-bound Garuda Aerospace

04 Oct 2024
The New Indian Express

Airport Authority opposes spectrum allocation proposal for telecom services

05 Oct 2024
The Financial Express

India's space advancements open new frontiers for STEM education growth

05 Oct 2024
India Today

Commercial satellite market is expected revenue of USD 12.47 billion by 2030

05 Oct 2024
Communications Today

Under the optimisation plan India working on satellites in three orbits

05 Oct 2024
The New Indian Express

Eyes On Moon: Nat'l Space Panel Clears 5th Lunar Mission (Lupex); Lander Engine To Be Used To Land Humans On Moon

06 Oct 2024
The Times of India

'Enormous task ahead of ISRO to realise Indian Space Vision'

06 Oct 2024
The Hindu

Students, experts interact at World Space Week celebrations

07 Oct 2024
Deccan Herald

'Airbus & French aerospace firms rapidly growing exports from India:' Airbus CEO Guillaume Faury

07 Oct 2024
The Times of India

Jio seeks revised paper on satellite spectrum allocation as it ignores level-playing field

07 Oct 2024
The Hindu

NGLV, Gaganyaan tech to help India's space tourism take off

07 Oct 2024
The Economic Times

France, India collaborate to set up aeronautics cluster and campus for space training

07 Oct 2024
Fortune India

India-Japan moon project 'LUPEX' cleared. Here's all you need to know

07 Oct 2024
The Week

Isro to build 3rd launch pad, next-gen rocket could also land on sea

08 Oct 2024
The Times of India

Amazon's LEO Satellite Play: Project Kuiper Eyes India, Awaits DoT Approval

08 Oct 2024
BW Businessworld

India's space station to have 5 modules, BAS-1 to take flight in 2028

08 Oct 2024
The Economic Times

Satcom spectrum creates discordant notes

08 Oct 2024
The Financial Express

PSLV-C37, which launched record 104 satellites, falls into the Atlantic after 8 years

08 Oct 2024
India Today

Trai dismisses Jio's demand for revising satcom spectrum pricing paper

09 Oct 2024
The Financial Express

Initial design study of Lunar sample processing facility done, Isro long-term vision has Moon GPS & more

10 Oct 2024
The Times of India

NATIONAL NEWS

India's Path to Global Leadership in Space & Geospatial Sectors

11 Oct 2024
Geospatial World

XDLINX Space Labs to launch five multi-functional satellites by 2025

12 Oct 2024
The Hindu

Reliance Jio seeks govt intervention for fair spectrum allocation

13 Oct 2024
Business Standard

CCS 'approves launch of 52 spy satellites for Rs 27,000 crore to boost space surveillance

12 Oct 2024
The Times of India

DoT Allocates Satellite Spectrum to OneWeb, Jio Provisionally: Report

13 Oct 2024
TelecomTalk

India unleashed major defence orders in September; paving way for military modernisation, space exploration

13 Oct 2024
The Economic Times

Isro chief S Somanath receives IAF World Space Award for Chandrayaan-3 success

14 Oct 2024
The Times of India

IMC 2024: Satcom should be regulated under the same rules as the telecom sector: Mittal

15 Oct 2024
ET Telecom

Govt says no auction of satellite spectrum after Musk decries move

15 Oct 2024
Business Standard

Space science expo begins in Kozhikode

15 Oct 2024
The Hindu

Isro to launch European Proba-3 mission on November 29 to create artificial eclipse

15 Oct 2024
India Today

Business Finland, India's Cyient ink pact for innovation in 5G, AI, space technology

16 Oct 2024
ET Telecom

ISRO's 'Space on Wheels' exhibition from Oct 17

16 Oct 2024
Hindustan Times

India's Telecommunications Act 2023: The future of satellite communication

16 Oct 2024
The Economic Times

BSNL, Viasat claim successful trial of direct-to-device satellite services

16 Oct 2024
Business Standard

Why ISRO's involvement in ESA's PROBA-3 mission is a milestone

16 Oct 2024
The Week

Empowering India's Growth: The Role of Space and Geospatial Technologies in National Development

16 Oct 2024
Geospatial World

'It is ironic that DOT should get easily swayed': ex-GOI secretary on India's satellite spectrum auction U-turn

17 Oct 2024
Deccan Herald

As Musk awaits clearance, India does its maiden indigenous satcom messaging on regular smartphone

18 Oct 2024
The Times of India

Make in India: Boosting Space and Geospatial Sectors for a Digital Future

18 Oct 2024
Geospatial World

Editorial. Satcom can complement telecom services in remote areas

18 Oct 2024
The Hindu BusinessLine

Trending Topics From US to Bengaluru: How NASA ensures safe delivery of NISAR's vital component

19 Oct 2024
Moneycontrol

Why SPADEX is crucial to India's growing space ambitions

19 Oct 2024
The Week

DoT mulls reducing telecom spectrum lease tenure to 10 years

19 Oct 2024
Communications Today

Satellite spectrum, a high stakes game

19 Oct 2024
The Indian Express

Starlink vs Jio: Trai extends satellite spectrum pricing debate deadline

19 Oct 2024
Business Standard

ISRO expands global outreach with space club for Indian students in Saudi Arabia

21 Oct 2024
India Today

What is satellite internet, and how can Starlink revolutionise Internet access in India?

21 Oct 2024
India TV

Satellite 'magic bullet', offers chance to cover areas left out: Mittal

22 Oct 2024
Business Standard

NavIC promises to chart India's sat nav course

22 Oct 2024
Deccan Herald

NATIONAL NEWS

NISAR mission: Launching in 2025, NASA's C-130 Hercules begins journey to India

22 Oct 2024

The Times of India

What is satellite spectrum, why most countries prefer not to hold auctions

22 Oct 2024

The Indian Express

TRAI seeks comments from stakeholders on authorisation for telecom and cloud-based networks

22 Oct 2024

The Economic Times

Trai releases consultation paper on satellite gateway authorisations

23 Oct 2024

Business Standard

India to target moon's south pole with sample return mission

23 Oct 2024

Space News

How Elon Musk's space-age PR will shape the rules of the game in India

24 Oct 2024

The Economic Times

Nisar's fixed antenna reflector arrives in India for integration by Isro

24 Oct 2024

India Today

Indian astronaut learns how to enter, exit the Space Station ahead of Ax-4 mission

24 Oct 2024

India Today

ISRO to test technology for catching satellites in space with robotic arms

25 Oct 2024

Hindustan Times

SERA democratises space research, Indian citizen among six crew members to conduct experiments

25 Oct 2024

The Economic Times

ISRO to launch electric propelled satellite this December: Here's why it's a big deal for India

26 Oct 2024

The Economic Times

Telcos to call for aligned satcom spectrum pricing

26 Oct 2024

ET Satcom

India should build its own observation capability to prevent collision with satellites in crowded orbit, says ISRO Chief

26 Oct 2024

The Indian Express

India will have its own space station 'Bharatiya Antriksh Station' by 2035, announces minister Jitendra Singh

27 Oct 2024

Business Today

ISRO chief reveals new launch timelines: Gaganyaan in 2026, Chandrayaan-4 in 2028, NISAR in 2025

27 Oct 2024

Moneycontrol

India needs revolutionary growth to become developed economy: ISRO Chief at IIT Delhi convocation

27 Oct 2024

The Times of India

Protect key frequency bands used for satellite communications: Industry

27 Oct 2024

Business Standard

Satcom companies, telcos speak in 2 voices on spectrum price

27 Oct 2024

ET Satcom

India's Gaganyaan Mission will not launch in 2025

28 Oct 2024

India Today

IAFI supports allocation for NGSO spectrum in Ku/Ka, auction for D2D

28 Oct 2024

Communications Today

India-Russia Space Cooperation: Deepening Ties for a Peaceful Outer Space

29 Oct 2024

The Financial Express

Tata Advanced Systems and Airbus open India's C295 final assembly line

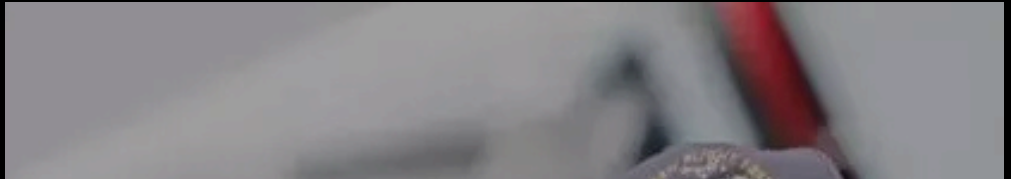
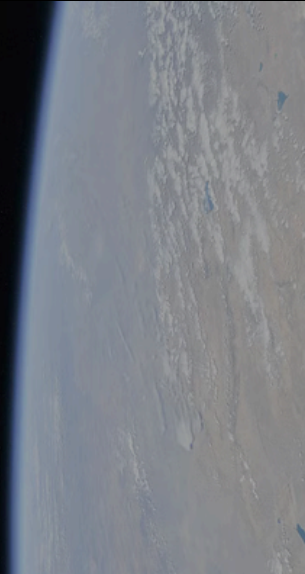
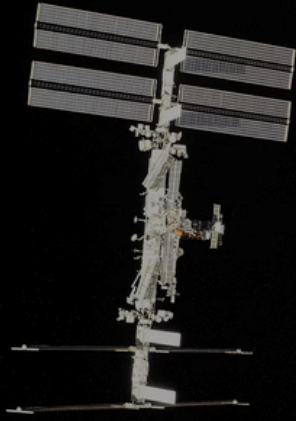
29 Oct 2024

Aerospace Manufacturing Magazine

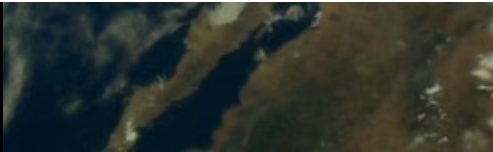
What are fully electric-propelled satellites that ISRO will launch in December?

30 Oct 2024

The Week



INTERNATIONAL NEWS



INTERNATIONAL NEWS

USA

Space Station is leaking air and Nasa is worried

08 Oct 2024
India Today

SpaceX uses dominance to push rivals to use wireless via Starlink: Report

09 Oct 2024
Business Standard

NASA "really looking forward" to next Starship test flight

09 Oct 2024
Space News

Vast announces plans for Haven-2 space station to succeed NASA's International Space Station

14 Oct 2024
Deccan Herald

Falcon Heavy launches NASA's Europa Clipper mission

14 Oct 2024
Space news

The Third Edit: Elon Musk's reusable rocket is a step towards space travel

16 Oct 2024
The Indian Express

Starlink to launch in India soon as the government makes significant announcement, Musk expressed appreciation

16 Oct 2024
India TV

SpaceX to do Starship-to-Starship refuelling in space after Super Heavy catch

16 Oct 2024
India Today

Musk's win on India satellite spectrum raises prospect of price war with Ambani

17 Oct 2024
Reuters

Starlink, Amazon Kuiper urge govt to keep spectrum price low for Satcom services

18 Oct 2024
The Financial Express

SpaceX Falcon 9 rocket launches with Eutelsat satellite for first time after merger

20 Oct 2024
Hindustan Times

This Air Force officer set to become the first Indian to visit International Space Station, rides Dragon spacecraft in US

21 Oct 2024
Moneycontrol

Nasa's SpaceX Crew-8 mission delayed due to adverse weather; what's next?

22 Oct 2024
Business Standard

These four volunteers will live inside Mars simulation for 45 days

22 Oct 2024
India Today

NASA unveils new telescope to study gravitational waves in space

23 Oct 2024
The Indian Express

Moon sample talks show space engagement by rivals US and China

24 Oct 2024
Hindustan Times

Boeing could sell space business after issues with Sunita Williams piloted Starliner

28 Oct 2024
India Today

Sunita Williams stuck in space: Why can't NASA send out a spacecraft and bring her back?

29 Oct 2024
The Economic Times

Elon Musk-led SpaceX plans to launch 20 Starlink internet satellites today

29 Oct 2024
Business Standard

INTERNATIONAL NEWS

CHINA

Special blessings sent from Tiangong Space Station to celebrate National Day; next crew scheduled for late October

01 Oct 2024
Global Times

China to launch new quantum communications satellites in 2025

08 Oct 2024
Space News

Nation to launch satellite able to carry multiple payloads

09 Oct 2024
Global Times

China launches third high orbit internet satellite

10 Oct 2024
Space News

Shijian-19 reusable satellite lands after 2 weeks in space

11 Oct 2024
Space News

China retrieves its first reusable satellite in a quest to cut space research costs

12 Oct 2024
South China Morning Post

Xichang to build commercial spaceport to boost China's launch capacity

14 Oct 2024
Space News

'Extreme situations': China's space superpower goals are being shaped by security concerns

15 Oct 2024
South China Morning Post

China releases Space Science Development Program for 2024-2050

15 Oct 2024
Chinese Academy of Sciences

China launches second batch of 18 satellites for Thousand Sails megaconstellation

15 Oct 2024
Space News

China launches new Earth observation satellite

16 Oct 2024
China Daily

China To Build Lunar Space Station, Explore Habitable Planets Under New Plan

17 Oct 2024
NDTV

Chinese researchers develop "lunar bricks" for future lunar base construction

20 Oct 2024
Xinhua

China launches 3 Tianping-3 radar calibration satellites

22 Oct 2024
Space News

China's Deep Blue Aerospace reveals suborbital tourism plans

22 Oct 2024
Space News

China chooses 2 teams to develop low-cost space station cargo spacecraft

22 Oct 2024
Space News

Chinese Company To Sell Tickets For Space Tourism Flights In 2027

24 Oct 2024
NDTV

Foreign spies trying to steal space program secrets: China amid tension with West

24 Oct 2024
India Today

China launches new crew to its space station to expand exploration

30 Oct 2024
Business Standard

Shenzhou-19 spacecraft arrives at Tiangong for crew rotation

30 Oct 2024
Space News

INTERNATIONAL NEWS

OTHER NATIONS

Japan's H3 to launch Emirati asteroid mission

10 Oct 2024
Space News

Italy urges tighter European cooperation to compete in space

14 Oct 2024
Hindustan Times

International spaceports seek to collaborate

17 Oct 2024
Space News

Major Boeing-made communications satellite disintegrates in orbit

22 Oct 2024
The Hindu

Europe's satellite disintegrates in crucial geo orbit, draws flak from Russia for adding to space junk

24 Oct 2024
The Times of India

Europe agency says it is in talks with SpaceX on tackling space junk

24 Oct 2024
Deccan Herald

Intelsat 33e Satellite Failure Causes Communication Blackout Across Europe, Africa And Asia-Pacific

25 Oct 2024
News18

Chile and Cyprus sign the Artemis Accords

26 Oct 2024
Space News

Why telcos fear trouble if Starlink gets spectrum at administrative prices

27 Oct 2024
Business Standard

European Space Agency in talks with SpaceX to manage and declutter space waste

28 Oct 2024
Firstpost

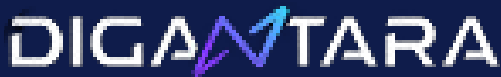
Korean SAR satellite firm Lumir goes public; Shares slide after initial rally

29 Oct 2024
Space News

Signing of Artemis Accords to expand space technology development

30 Oct 2024
The Nation

JOB OPENINGS



GOVERNMENT POLICIES/ CONSULTATIONS/ RECOMMENDATIONS/ ANNOUNCEMENTS

- **Consultation Paper on Framework for Service Authorisations for provision of Broadcasting Services under the Telecommunications Act, 2023**
 - <https://www.trai.gov.in/release-publication/consultation>
- **Consultation Paper on The Terms and Conditions of Network Authorisations to be Granted Under the Telecommunications Act, 2023**
 - <https://www.trai.gov.in/release-publication/consultation>
- **Consultation paper on Regulatory framework for Ground-based Broadcasters**
 - <https://www.trai.gov.in/release-publication/consultation>