

**INDIAN
SPACE
CONCLAVE**
2023 09-11 October 2023
Manekshaw Centre,
New Delhi, India

June 2023 Edition

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.

**INDIAN SPACE ASSOCIATION
(ISpA)**

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HONOURED COUNTRY**

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INDO-FRENCH SPACE SUMMIT
ON THE INAUGURAL DAY**

HIGHLIGHTS OF THE MONTH

- India signed the Artemis Accords.
- Azista-BST Aerospace launched its 1st Satellite in June through SpaceX.
- Skyroot Aerospace successfully conducted the flight qualification test of the Raman-I engine.
- Pixxel signed an MoU with the Mahalanobis National Crop Forecast Centre (MNCFC).
- Pixxel announced a Series B funding round of \$36M from new investor Google, along with existing investors.
- Digantara raised \$10 million in a Series A1 funding led by Peak XV, Kalaari Capital.
- NSIL issued the RFP for Supply, Installation and Commissioning of MSS Terminals (Xponders).
- UN recommends a new treaty to ensure peace & security in outer space.
- World Economic Forum released Space Industry Debris Mitigation Recommendations.



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ISpA- Indian Space Association





Azista-BST Aerospace launched its 1st Satellite in June through SpaceX.

- In a significant development for the Indian space industry, Elon Musk's SpaceX launched the first satellite of Indian startup Azista BST Aerospace Pvt Ltd., marking a significant milestone in the country's space exploration journey.
- ABA owns and operates a 50,000-square-foot factory in Ahmedabad, India, where it manufactures small satellites. The ABA First Runner (AFR) is an 80-kilogram satellite and has an optical remote sensing payload with both panchromatic and multispectral imaging capabilities. AFR claims to be the first satellite of its size and performance built by the private space industry in India that is capable of supporting a variety of critical applications for civilian and defence purposes.
- This accomplishment not only showcases India's unwavering dedication to the vision of an Atmanirbhar Bharat, but also marks a significant landmark for the Indian space industry in terms of streamlined production of satellites, great precision on supply chain management and timelines. The satellite launched will enable a variety of critical applications for civilian and defence purposes. This is also a big milestone for the Indian space startup ecosystem as it takes private industry into the next leap of International collaborations. At ISpA, we take great pride in having Azista-BST as an esteemed member of our association, contributing to the advancement of the growing space industry in India.



- OneWeb and Telstra are set to deliver one of the world's largest rollouts of OneWeb low Earth Orbit (LEO) backhaul for a commercial mobile network.
- OneWeb expands services, launches commercial services across large parts of Europe and the US. Latest rollout adds 37 new countries in Europe to OneWeb's footprint.
- OneWeb and Eutelsat demonstrate multi-orbit offering and global connectivity solution to NATO.
- Momentum to partner with Eutelsat and OneWeb to provide connectivity solutions for the oil & gas industry.
- OneWeb and Kazakhstan National Railways Signed a MoU for LEO Satellite Connectivity.
- Kymeta launches first flat panel antenna for maritime industry on OneWeb's LEO network.
- OneWeb joins Connecting Alaska Consortium in strategic partnership to help connect Alaska's tribes and villages.
- OneWeb announced the launch of the "Try Before You Buy" maritime service with 100mbps+ enterprise-grade flexible connectivity packages at sea.

Bharti Airtel has teamed up with Google's parent, Alphabet, to pilot delivering of high-speed internet services across India's rural and remote regions via a new laser technology that uses light beams. The latest laser internet technology has been developed at Alphabet's California innovation lab, called X, and the project is known internally as Taara. It uses light beams to deliver fast internet services.



A **TATA** Enterprise

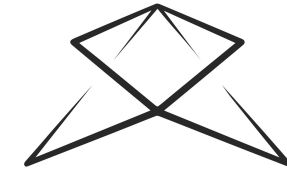
Tata Nelco has made an investment in Software Defined Wide Area Network (SD-WAN) OEM Piscis Networks, to strengthen its Satcom capabilities.

- MapmyIndia also plans to provide users with a feature that tells the status of the next traffic light. In addition, with electric vehicle (EVs) ranges dependent on the quality of the roads and whether it goes uphill or downhill, Rohan says that the Mappls App will provide the most 'range efficient' options.



- Commissioner of Police Shankar Jiwal unveiled the ₹6.5 crore project, which was entrusted through e-tender mode to MapmyIndia to help build the digital crime map of the Chennai city.

- Skyroot Aerospace successfully conducted the flight qualification test of the Raman-I engine, which will be used for roll attitude control in the company's under-development Vikram-I rocket. The engine underwent a test fire at the Liquid Propulsion Systems Centre of the Indian Space Research Organisation (Isro), making Skyroot the first private company to utilise this facility.
- Skyroot Aerospace tops the Mint Digital Innovation Summit 2023 SpaceTech category.



SKYROOT
AEROSPACE



Intelsat ends merger talks with rival satellite communications giant SES

- Pixxel announced a Series B funding round of \$36M from new investors such as Google, along with existing investors Radical Ventures, Lightspeed, Blume Ventures, growX, Sparta and Athera to Advance Hyperspectral Satellite Constellation and Data Platform.
- Pixxel signed an MoU with the Mahalanobis National Crop Forecast Centre (MNCFC), an attached Office of the Department of Agriculture and Farmers' Welfare (DAFW), Ministry of Agriculture and Farmers' Welfare, India to leverage Pixxel's hyperspectral dataset to develop various geospatial solutions for the Indian Agriculture Ecosystem.

pixxel



Digantara raised \$10 million in a Series A1 funding led by Peak XV, Kalaari Capital.

2nd SCIMC & IN-SPACE Authorizations

The second meeting of the Standing Committee for Inter-Ministerial Coordination (SCIMC) chaired by Chairman, IN-SPACE was held on June 12, 2023. The committee reviewed and provided recommendations on the three NGE applications viz., M/s. OneWeb Communications India Pvt Ltd., M/s. Azista BST Aerospace Pvt Ltd., and M/s. PixxelSpace India Pvt Ltd. INSPACE Board also approved for issuance of authorization for the above three applications subject to compliance to SC-IMC recommendations

ISpA position on Spectrum Allocation of Space based Communication Services

ISpA and all our members strongly believe that for the growth of the nascent space industry, spectrum needs to be allocated by Administrative method and frequency such as the 28 GHz band which is globally allocated for space, should continue to be there for SatCom usage.

Administrative allocation provides a level of certainty and predictability that can be beneficial for the satellite communication industry. With auctions, there is always a risk that spectrum will be allocated to entities that are not best suited to provide the required services. This uncertainty can make it difficult for operators to plan and invest in their networks effectively.

Read Complete ISpA Comments: https://www.trai.gov.in/sites/default/files/ISpA_02062023.pdf

ISRO NVS-01 Mission

GSLV-F12/NVS-01 mission is accomplished successfully on Monday, May 29, 2023. This GSLV mission deployed NVS-01 navigation satellite, weighing about 2232 kg, into a Geosynchronous Transfer Orbit.

NVS-01 is the first of the second-generation satellites envisaged for the Navigation with Indian Constellation (NavIC) services. NVS series of satellites will sustain and augment the NavIC with enhanced features. This series incorporates L1 band signals additionally to widen the services. For the first time, an indigenous atomic clock flown in NVS-01.



Upcoming Launch of Aditya-L1

Aditya L1 shall be the first space based Indian mission to study the Sun. The spacecraft shall be placed in a halo orbit around the Lagrange point 1 (L1) of the Sun-Earth system, which is about 1.5 million km from the Earth.

The suits of Aditya L1 payloads are expected to provide most crucial informations to understand the problem of coronal heating, coronal mass ejection, pre-flare and flare activities and their characteristics, dynamics of space weather, propagation of particle and fields etc.

National Wetland Inventory Assessment Geospatial Database

Geospatial database of National Wetland Inventory and Assessment on 1:10000 scale using Resourcesat LISS-IV data has been prepared. "Information Brochure & Highlights of National Wetland Inventory and Assessment" has also been prepared using maps, statistics and database.

For General Queries: info@ispa.space, +91 9667303304

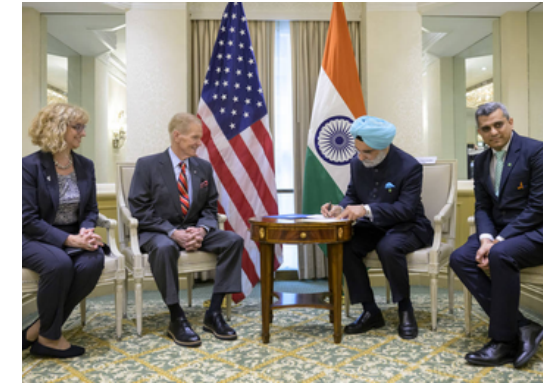
For Membership: Ms Aditi (aditi@ispa.space, +91 8437985777); coord@ispa.space

India Signs the Artemis Accord

On June 21, 2023, India became the 27th nation to sign the Artemis Accords, demonstrating its commitment to sustainable and transparent space activity. Indian Ambassador to the United States Taranjit Sandhu signed on behalf of the Government of India, and NASA Administrator Bill Nelson participated in the signing ceremony.

The Artemis Accords, which are grounded in the Outer Space Treaty of 1967, are a set of non-legally binding principles to guide sustainable civil space exploration.

Read the accords here: <https://www.nasa.gov/specials/artemis-accords/img/Artemis-Accords-signed-13Oct2020.pdf>



India-United States Defence Acceleration Ecosystem (INDUS X) launched in Washington DC, U.S.

U.S. Department of Defense (DoD) and the Indian Ministry of Defence (MoD) launched the IndiaU.S. Defense Acceleration Ecosystem (INDUS-X) to expand the strategic technology partnership and defence industrial cooperation between our governments, businesses, and academic institutions.

INDUS X will pave the way to:

- Move toward the goals established in the U.S.-India roadmap for defence industrial cooperation
- Capitalize on the tech releasability outcomes that industry anticipates from the U.S.-India Initiative on Critical and Emerging Technologies (iCET)
- Explore joint opportunities in high-tech defence innovation, research, and development
- Strengthen bilateral trade relationships and defence establishment linkages
- Enhance connectivity between American and Indian defence startups to encourage greater collaboration in defence technology

UN recommends new treaty to ensure peace & security in outer space

The United Nations (UN) has recommended a new treaty for ensuring peace and security as well as preventing an arms race in outer space. The negotiations should lead to the development of international norms, rules and principles to address threats to space systems, according to a UN policy brief, For All Humanity —The Future of Outer Space Governance, released in May 2023. The recommendations come ahead of the UN Summit of the Future, which will be held on September 22-23, 2024, in New York.

Read full policy brief here:

https://www.unoosa.org/res/oosadoc/data/documents/2023/a77/a77crp_1add_6_0.html/our-common-agenda-policy-brief-outer-space-en.pdf

NSIL RFP for MSS Terminals

NSIL issued the RFP for Supply, Installation and Commissioning of MSS Terminals (Xponders) for Installation of Vessel Communication and Support system in Marine fishing vessels for Monitoring, Control, and Surveillance (MCS).

ISRO Human Spaceflight Update

- **Test Vehicle D1 Mission:** Avionics deck assembly completed, Crew Module undergoing final integration activities at ISITE, Bangalore.
- **Ground Resonance test for Crew escape system (CES) and Crew module (CM):** All CES hardware positioned in SDSC-SHAR, CM integration is in advance stage.
- **Orbital Module preparation facility(OMPF)** fully realized for supporting TV-D1 mission integration activities.
- **'Crew Module (CM) - Service Module (SM)'** multi-point separation test successfully carried out.
- **Service Module Propulsion system** demonstration tests (Phase 2): All systems realized and integration activities completed for the test hardware. The test modules are positioned in Test stand.
- **Shock survivability tests** simulating sequential firing of all the pyros of the Apex region of Crew module successfully carried out.

World Economic Forum Space Industry Debris Mitigation Recommendations

WEF In collaboration with the European Space Agency has released Recommendations on the following subjects, with carefully and thoughtfully assembled through various in-depth discussions with space actors

- **Post-mission disposal (PMD)**
- **Collision avoidance, manoeuvrability and propulsion**
- **Data sharing and traffic management in orbit**
- **Financial measures**
- **Environmental capacity**
- **Responsibilities of governments**

Read the Guidelines here:

https://www3.weforum.org/docs/WEF_Space_Industry_Debris_Mitigation_Recommendations_2023.pdf

Signatories

AIRBUS; Akash Systems; Astra; Astranis; Astroscale; Avanti Communications; Axiom Space; ClearSpace; D-Orbit; EchoStar; Exolaunch; GHGSat; GMV; Honeywell; Hydrosat; NorthStar Earth & Space; OneWeb; OHB; Planet; SatSure; SES; Slingshot Aerospace; Spire Global; Thales Alenia Space; The Aerospace Corporation; The Exploration Company; Voyager Space

SMOPS 2023 : International Conference on Spacecraft Mission Operations

SMOPS 2023 was organized by ISRO, IN-SPACe, NSIL and ASI in Bangalore. Good participation by international and national space experts & and students. DG ISpA conducted a panel discussion on the Readiness of NGEs to be able to take on Spacecraft Missions & Ground operations.



Indo-Pacific Geointelligence 2023

Geospatial World organized the Indo-Pacific GeoIntelligence in New Delhi with ISpA as the Strategic Partner. DG-ISpA moderated the panel discussion on “Indo-Pacific Partnership Opportunities in the Space Domain” during the 3rd India USA Space and Geospatial Business Summit organized on the sidelines of Indo-Pacific Geoint 2023.

Ikigai Law AI Safety & Cybersecurity Colloquium

Ikigai Law, in collaboration with Microsoft and NASSCOM organized a Colloquium on AI Safety and Cybersecurity on 6th June 2023 in New Delhi.

The event brought together government officials, academia, technical experts as well as lawyers and policy professionals to look at issues at the intersection of AI safety and cybersecurity from a 360° lens.



National Workshop on the Planning of 6GHz in India

ITU-APT Foundation of India (IAFI) organized a national workshop on the planning of the 6GHz band in India, based on national and global technical studies regarding the sharing of the 5925-7125 MHz band between Wi-Fi, IMT, satellites and other telecom services.

Space industrial parks tenders may be finalised by next month

5 June 2023
The New Indian Express



India's Spacetech FDI Policy to Open Doors for Big Tech Investments

6 June 2023
Analytics India Magazine

IIT-Madras-incubated space startup to launch world's 1st multi-sensor earth observation satellite

7 June 2023
The Times of India

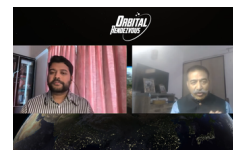


Top industry body urges satellite spectrum allocation through administrative mechanism to broad base spacetech benefits

10 June 2023
Business Today

L&T, Nasscom, Tata Group back administrative allocation of spectrum for satcom services

11 June 2023
The Hindu BusinessLine



Do Not Auction Satellite Communications Spectrum: Indian Space Association, DG, Lt. Gen. Anil Bhatt

11 June 2023
Interstellar

Embracing Strategic Clarity: Towards Coherent Indian Military Space Doctrine

14 June 2023
Geospatial World



73 pc respondents on Trai's consultation paper seek satcom spectrum allocation without auction: ISpA

19 June 2023
The Economic Times

Tata's Nelco in talks with different tech cos, satellite operators for consumer satcom service: PJ Nath

20 June 2023
ET Telecom



Starlink entry may trigger satcom price wars

23 June 2023
The Financial Express

'Moderate control of space broadband entities essential'

16 June 2023
ET Telecom



Spacepreneur Magazine Interview - June 2023 Edition

June 2023
Spacepreneur Magazine

'Our diverse businesses are our strength': Jamshyd N. Godrej

14 June 2023
Business Today



Satellite spectrum: Tech firms united, telcos divided on allocation

3 June 2023
The Financial Express

OneWeb may unveil satellite broadband services by September

13 June 2023
The Economic Times



Taking a step forward in space exploration and development

June 2023
Voice & Data Magazine

Boon to Aviation! India becomes first in Asia to demonstrate use of GAGAN Satellite Technology

1 June 2023
The Financial Express



Full-scale model of Nasa Mars rover unveiled @VITM

2 June 2023
The Times of India

OTT streaming will need satellite bandwidth: Netflix, Amazon, Hotstar collective

2 June 2023
The Hindu

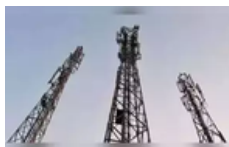


Robotics will have key role in space missions, says ISRO chairman

3 June 2023
The Hindu

USIBC backs administrative allocation of spectrum for satcom

5 June 2023
The Hindu BusinessLine



DoT plans to seek nod to sell new, unused spectrum bands

6 June 2023
The Economic Times

Why India Needs US' DARPA-like Approach for Space, Defence Tech Development, IESA Prez Tells News18

6 June 2023
News18



Tata Elxsi partners with ISRO to develop crew recovery models for Gaganyaan Mission

7 June 2023
Mint

It is time to end Google's Monopoly in Maps, Apple has already done that: MapmyIndia CEO

5 June 2023
The Mobile Indian



ISRO readies plan for next generation launch vehicle

8 June 2023
The Hindu

Announcement coming soon on 'Hava' rocket testing facility

8 June 2023
The Print

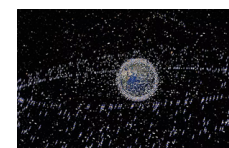


Administrative spectrum allocation in sync with SC's order: SpaceX to Trai

8 June 2023
Business Standard

Mission ops most profitable area in space sector: ISRO chief

9 June 2023
The New Indian Express



Outer space needs a regulatory clean-up

14 June 2023
The Hindu BusinessLine

ISRO & JAXA Forge a Lunar Partnership: LUPEX Mission set to soar

14 June 2023
The Financial Express



Oman, India explore cooperation in space sector

14 June 2023
Times of Oman

Sat tech to monitor, do surveillance of 99.9k fishing boats; NSIL to roll out national project

15 June 2023
The Times of India

Tanzania's significance for India: A gateway to African collaboration and mutual growth

15 June 2023
The Financial Express

Now, IN-SPACE drafting BIS standard for pvt Space firms; DPIIT's FDI Policy in the last leg

16 June 2023
The Times of India

Broadcasters Oppose Spectrum Division for 5G and Satellite Services

21 June 2023
Telecom Talk

ISRO aims to launch QKD satellite, Ahmedabad to play key role

24 June 2023
ET Telecom

What Is Elon Musk-led Starlink's Proposal That Tata & Mittal Are Favouring But Ambani Is Opposing?

26 June 2023
India Times

India, France Launch Strategic Space Dialogue

28 June 2023
BQ Prime

Nasa Artemis deal a political engagement: Isro chief

29 June 2023
The Times of India



Backstabbed During Pakistan War, India 'Ditches' US GPS For 'Much More Accurate' NavIC Navigation System

15 June 2023
EurAsian Times



India, Australia include space, 15 new areas in comprehensive trade agreement talks

16 June 2023
Republic World



India represents a huge market opportunity for all our business segments: Thales

21 June 2023
ET Telecom



'Looking forward to bringing Starlink to India': How Elon Musk can supercharge rural India's internet

21 June 2023
Business Today



Self-reliance doesn't mean we do everything: Isro, IN-SPACE chiefs

23 June 2023
The Times of India



Indian-origin satellite expert Aarti Holla-Maini appointed as UN Outer Space Affairs director

27 June 2023
Mint



Blue Origin keen on using LVM3 for commercial space activities

29 June 2023
The Times of India



Satellite spectrum auction may lead to 'monopolistic situation' in India: IAFI

27 June 2023
ET Telecom

USA



NASA beamed a record 200 Gbps link from 530km in the sky using a space laser; here's how

31 May 2023
Business Today



Elon Musk SpaceX wins Pentagon contract for satellite services to Ukraine

1 June 2023
CNBC TV18



Viasat forms satcoms titan to take on a market in transformation

5 June 2023
Space News



'Silent Barker': Dramatic US spy satellite plan to counter Russia, China threats

7 June 2023
Hindustan Times

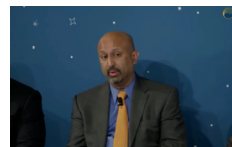


NASA spends \$45M to seed tech from hundreds of space businesses

7 June 2023
TechCrunch

SpaceX just landed a rocket for the 200th time (and launched 72 satellites) on epic rideshare flight (video)

3 June 2023
Space.com



Project Kuiper urges regulators to focus on satellite maneuverability rules

15 June 2023
SpaceNews

NASA to help private companies, including SpaceX, Blue Origin, build space facilities

17 June 2023
The Indian Express

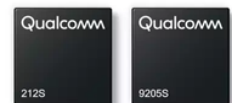


The Space Industry Is Taking Off. Space Law Is Still a Mystery.

17 June 2023
The New York Times

Qualcomm launches two new modem chipsets with satellite connectivity: Details

23 June 2023
The Times of India



Telesat's CEO to head GSOA Board

27 June 2023
AdGully

SpaceX veteran Tom Mueller targets space service economy with tug business

27 June 2023
CNBC



NASA embraces AI in space: ChatGPT-like interface to revolutionise astronaut missions

27 June 2023
Business Today

China



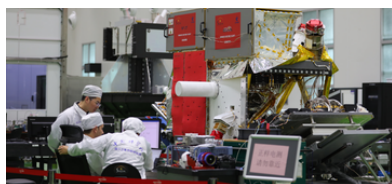
Chinese scientists finish development of hypervelocity wind tunnel

Global Times
June 4, 2023



Shenzhou-15 crew safely returns to Earth

Global Times
June 4, 2023



China, France to forge stronger space cooperation with new satellite program to hunt for gamma-ray bursts

Global Times
June 13, 2023



China Space Station rolls out first-ever extravehicular radiation biology experiment payload to accumulate key supporting data for future manned moon landings

Global Times
June 15, 2023



New parachute system could ease some of China's rocket-debris issues

Space.com
June 17, 2023



A China-US space race is underway and it's destination Moon

28 June 2023
Deccan Herald



China sets record by sending 41 satellites to space by Long March 2D rocket

16 June 2023
Business Standard



Chinese commercial space firms plan more launches in Q3 as global competition over LEO satellites intensifies

8 June 2023
Global Times



A short history of China's rise as a space power

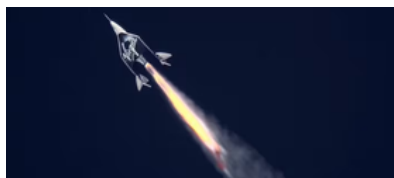
7 June 2023
The Indian Express

Other Nations



Valentina Tereshkova: Paving the way for women in space

16 June 2023
YourStory



Virgin Galactic to conduct 1st commercial space mission on June 27, launch Italian Air Force officers

16 June 2023
India Today



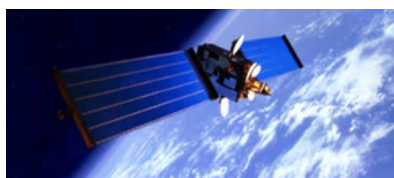
UK Space Agency prioritizes sustainability

16 June 2023
SpaceNews



Satellite Operator Eutelsat to Sell European Retail Broadband Operations

19 June 2023
TelecomTalk



Japanese Researchers Plan To Launch Satellite Made Of Wood In Space By 2024

2 June 2023
ABP Live



China Threat Forces Japan To Test Starlink Satellite That Played A Critical Role To Keep Ukraine Connected

27 June 2023
EurAsian Times



North Korea slams UN over latest satellite launch in response to gangster-like US demand

4 June 2023
FirstPost



SES wins \$134 million DoD contract for X-band satellite communications

28 June 2023
Space News

Indonesia, SpaceX launch satellite to boost internet connectivity

19 June 2023
ET Telecom



Taiwan expects broadband satellite internet cover by OneWeb by year end: Report

18 June 2023
WION News

Job Openings from our Members



<https://canopus-space.in/career/>



<https://www.dhruvaspace.com/careers>



<https://www.linkedin.com/company/digantara/jobs/>



<https://galaxeye.zohorecruit.in/careers>



<http://lnkiy.in/kawa-space>

Send CV at: support@kawa.space



<https://maxar.wd1.myworkdayjobs.com/MAXAR>



<https://www.pixxel.space/careers>



<https://www.linkedin.com/company/skyserve-ai/jobs/>



<https://tsctech.in/#/careers>



<https://xovian.zohorecruit.com/jobs/Careers>

IN-SPACE Consultation Paper on EO Data from Indian Satellites Missions

https://www.inspace.gov.in/inspace?id=inspace_eo_consultation

Last Date to Submit Comments: 31 Aug 2023

TRAI Consultation Paper on Encouraging Innovative Technologies, Services, Use Cases, and Business Models through Regulatory Sandbox in Digital Communication Sector

<https://www.trai.gov.in/consultation-paper-encouraging-innovative-technologies-services-use-cases-and-business-models>

Last Date to Submit Counter-Comments: 16 Aug 2023

TRAI releases Supplementary Consultation Paper on Data Communication Services Between Aircraft and Ground Stations Provide by Organizations Other Than Airports Authority of India

<https://www.trai.gov.in/notifications/press-release/trai-releases-supplementary-consultation-paper-data-communication>

Last Date to Submit Comments: 17 Aug 2023

Last Date to Submit Counter-Comments: 24 Aug 2023

TRAI releases recommendations on "Leveraging Artificial Intelligence and Big Data in Telecommunication Sector"

<https://www.trai.gov.in/notifications/press-release/trai-releases-recommendations-leveraging-artificial-intelligence-and-big>

TRAI Consultation Paper on Assignment of Spectrum for Space-based Communication Services

<https://www.trai.gov.in/consultation-paper-assignment-spectrum-space-based-communication-services>

Recommendations & Policy Directives of Startup Policy Communique` by Startup20 Engagement Group of G20

<https://www.startup20india2023.org/>

Think Tank Recommendations on Corporate Governance for Indian Start-ups by Startup20 Engagement Group of G20

<https://www.startup20india2023.org/>

Department of Space releases Indian Space Policy 2023

<https://www.isro.gov.in/IndiaSpacePolicy.html>

INSPACE-ISRO Announcement of Opportunity for hosting payloads on POEM

https://www.inspace.gov.in/inspace?id=inspace_hosting_payloads_on_poem_page

Last Date to Submit: 25 Aug 2023

ISRO-INSPACE Expression of Interest for Technology Transfer of Small Satellite Launch Vehicle (SSLV) to Indian Industries

https://www.inspace.gov.in/inspace?id=inspace_sslv_transfer_tech_page

Last Date to Submit: 16 Aug 2023

Office of Principal Scientific Adviser to the Government of India released the Draft National Deep Tech Startup Policy (NDTSP) 2023

<https://psa.gov.in/CMS/web/sites/default/files/process/NDTSP.pdf>

Read here the main features of the policy: https://ispaspace-my.sharepoint.com/:w:/g/personal/abhinav_ispa_space/EV0dIM9rfIpHsHWkxr4UdLYB_smOjvvOjPJw1GmS4BHHDA?e=K8h1lz

Last Date to Submit Comments: 15 Sept 2023

Union Cabinet approved the National Research Foundation Bill 2023

<https://dst.gov.in/lok-sabha-passes-anusandhan-national-research-foundation-bill-2023-moved-union-minister-dr-jitendra>

Upcoming Events

INDIAN SPACE CONCLAVE

2023 09-11 October 2023
Manekshaw Centre,
New Delhi, India

Join us to participate in an exhilarating and engaging 3-Day Conclave covering multi-sectoral usage & impact of Space Capabilities.

REGISTRATIONS ARE OPEN

www.ispaevents.space/indian-space-conclave-2023

For Exhibition, Industry Session, Sponsorship, Booklet Advertisement

Contact
Mr Prasad Doke
prasad@ispa.space
+91 8999369106

For Organizational Supporting & Academia Partnerships:

Contact
Mr Abhinav Dubey
abhinav@ispa.space
+91 7838204972

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.

[JOIN US](#)

- Participate in policy advocacy
- Networking and publicity opportunities
- Plethora of opportunities to advance your Business in Space Sector
- Multisectoral Partnerships
- Engagement with industry and defence experts via diverse platforms
- Access to industry-related information via reports and newsletters
- Be a part of ISpA Committees to bring expertise & interests and to guarantee the holistic development of the space sector.

For General Queries: info@ispa.space, +91 9667303304

For Membership: Ms Aditi (aditi@ispa.space, +91 8437985777)