

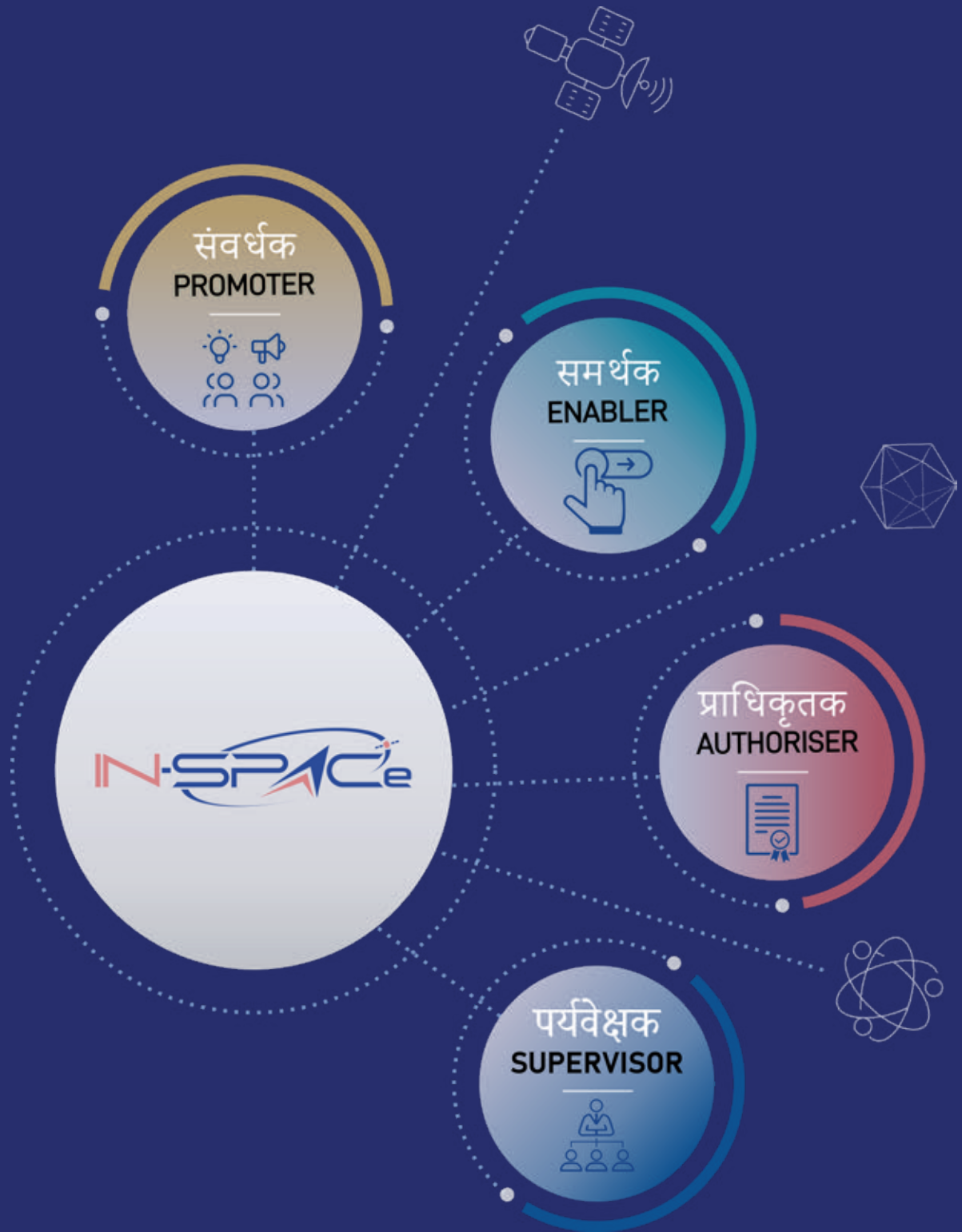


INDIAN SPACE INDUSTRY DELEGATION TO VENETO SPACE MEETINGS, 2026

VENICE, ITALY



Indian National Space Promotion and Authorization Centre
Department of Space, Government of India
Bopal, Ahmedabad-380058



ROLE OF IN-SPACe

IN-SPACe, established as a single-window agency for all space sector activities of Non-Government Entities (NGEs), plays an important role in boosting the private space sector economy in India.

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Astrobase Space Technologies



Company Profile

Astrobase Space Technologies is building next-generation space infrastructure to enable reliable, high-frequency access to orbit for commercial, defence, and strategic missions. The company is developing reusable launch systems powered by proprietary LOX-Methane Full Flow Staged Combustion engines, along with integrated manufacturing and testing infrastructure designed for rapid iteration and scalable operations.

Headquartered in Bengaluru, Karnataka, Astrobase was founded in 2024 by Devakumar Thammisetty, an ex-ISRO propulsion engineer with deep expertise in rocket propulsion systems, and Neeraj Khandelwal, a technology entrepreneur with experience in building and scaling high-growth technology companies. Astrobase is supported by a team of 45+ professionals, including 11 former ISRO propulsion scientists and engineers.

Core Business/Domain of Operation

Launch Vehicle and Systems: Propulsion systems, Rocket engine testing infrastructure, Launch systems, Manufacturing infrastructure

Test Facilities and Infrastructure

- 44,000 sq. ft. engine manufacturing facility for designs, manufactures, and integrates advanced propulsion systems.
- Largest industrial metal 3D printer, operational CNC infrastructure, and in-house precision manufacturing facilities.
- Developing dedicated rocket engine testing facility

Achievements and Awards

- Recognized under the Government of India's Startup India initiative
- Home to India's largest industrial metal 3D printer, strengthening its ability to manufacture high-precision propulsion components at scale.
- Developing one of India's first private 21.5-acre rocket engine testing facilities

Organization Type : MSME

- Year of Incorporation : 2024
- Number of Employees : 49

Details of the Key Management

Devakumar Thammisetty
Co-Founder & CEO
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Products and Services

Full Flow Staged Combustion Engine

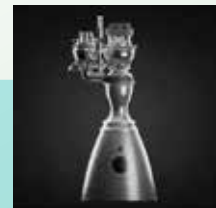
- Developing India's first privately built high-thrust Full Flow Staged Combustion (FFSC) engine for reusable launch systems.
- Uses Liquid Oxygen (LOX) and Methane propellants for higher efficiency and cleaner combustion.
- Delivers 800 kN thrust (vacuum) with 50%–110% throttle capability.

Reusable Orbital Launch Vehicle

- Developing a two-stage reusable orbital launch vehicle powered by its proprietary FFSC engines.
- Designed to deliver 4.2 tonnes to Low Earth Orbit (500 km).
- 4-meter fairing diameter and Return-to-Launch-Site (RTLS) first-stage recovery architecture



Astrobase Two Stage Launch Vehicle



FFSC 80 ton Methalox Rocket Engine



Engine Test Facility Under development



3D Printed rocket Engine Components



Business Contact

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Astrogate Labs



Company Profile

Astrogate Labs is a space-tech startup, pioneering next-generation laser communication terminals for space, airborne, and terrestrial networks. Leveraging indigenously developed Free Space Optical Communication (FSOC) technology and proprietary pointing, acquisition, and tracking systems, we deliver secure, high-bandwidth links that overcome the radio-frequency spectrum bottleneck.

Our terminals achieve over 20x the throughput of conventional RF systems, without spectrum licensing overhead, enabling scalable satellite constellations and resilient global connectivity.

Core Business/Domain of Operation

- Satellite Segment: Laser communication terminals , Optical inter-satellite terminals
- Optical Ground Stations: Optical ground stations and laser-comm downlink services

Test Facilities and Infrastructure

- Electro-optical assembly and integration lab with free-space laser beam characterization setups
- Optical systems integration, lens assembly & alignment
- Electronic systems assembly & characterization lab
- SMD rework stations

Achievements and Awards

- Developed industry's smallest space-to-ground laser communication terminal providing 10 Gbps downlink
- Emerging Technology of the Year, Indian Space Association (IspA) Industry awards 2025, awarded by Hon'ble MoS for Science & Technology
- DRDO Dare to Dream 4.0, 2024, awarded by Hon'ble Raksha Mantri
- NASSCOM Emerge 50 Awardee, 2023
- Seraphim Space Accelerator APAC Program, 2023
- India Innovation Growth Program (IIGP 2.0) — DST / Lockheed Martin / Tata Trusts
- Elevate Winner 2019, Government of Karnataka

Organization Type : Startup

- Year of Incorporation : 2017
- Number of Employees : 22

Details of the Key Management

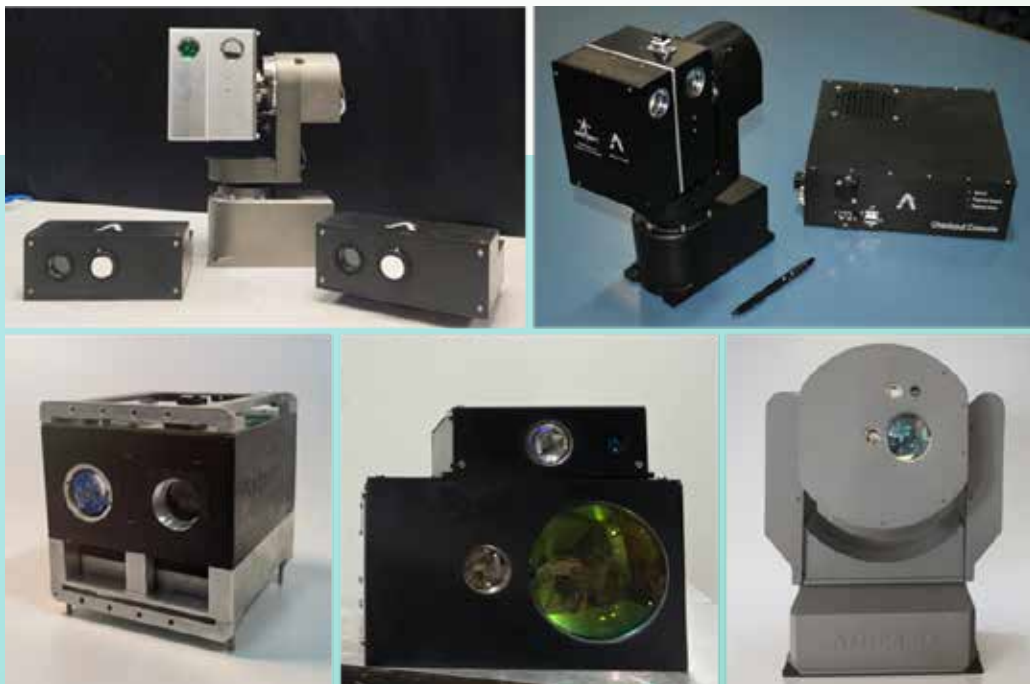
Nitish Kumar Singh
Founding Team & CEO
✉ nitish@astrogatelabs.com

List of Key Customers

- Earth observation constellations for direct-to-Earth laser-comm terminals
- Satellite constellations in telecom, in-orbit data relay & future orbital data centers

Products and Services

- **AstroLink “micro”:** Industry’s smallest 10 Gbps laser-comm downlink terminal designed for Microsat platforms in low earth orbits.
- **AstroLink “nano”:** Compact laser-comm downlink terminal with speed up to 2.5 Gbps designed for CubeSat platforms in low Earth orbits.
- **Optical inter-satellite terminal:** ESTOL/ SDA compatible: 10- 100 Gbps for LEO data relays
- **Terrestrial Mobile Terminals:** Designed for high-speed backhaul onboard terrestrial mobile platforms



Business Contact

Subhajit Chakraborty
 Founding Team & COO
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Dhruva Space



Company Profile

Dhruva Space Private Limited is a full-stack Space Engineering solutions provider based in Hyderabad, India. Dhruva Space is active across Space, Launch, and Ground segments and supports Civilian and Defense clients worldwide. Dhruva Space offers Satellite/s coupled with Earth Station/s and Launch Service/s as an integrated solution or individually as technology solutions to power Space-based applications on Earth and beyond.

Core Business/Domain of Operation

Satellite and Subsystems: Satellite manufacturer and solar panel

Launch vehicle and subsystems: Deployer

Ground support and Auxiliary services: Ground station services

Test Facilities and Infrastructure

- Class 10,000 Cleanroom for satellite AIT
- Class 10,000 Cleanroom for Space-grade Solar Panels AIT
- Helmholtz Cage testing of Satellite Attitude & Orbit Control System
- Thermo-Vacuum Chamber
- Mission Control Centre to manage Ground Station and mission operations
- 280,000 sq-ft spacecraft manufacturing facility (currently under construction) including 30,000 sq-ft Space-grade Solar Fabrication Facility

Achievements and Awards

- First private entity to receive end-to-end design and development order for Space-grade Solar Panels from Government of India
- Received first authorisation from IN-SPACe for private Space activity and for Ground Station as a Service (GSaaS)
- First private Indian company to successfully launch and deploy satellites authorised by the Government of India
- Successfully deployed first commercial mission in August 2025 with two Australian customers for IOD.
- Launched 10 missions, across 5 launches in a span of 3 years
- Received National Startup Award in 2020 by Government of India
- Received Pandit Deendayal Upadhyaya Telecom Skill Excellence Award 2022 in 2023

Organization Type : MSME

- Year of Incorporation : 2012
- Number of Employees : 200

Details of the Key Management

Sanjay Nekkanti

Chief Executive Officer & Co-founder

✉ sanjay@dhruvaspace.com

List of Key Customers

Government of India, NewSpace India Limited (NSIL), Sodern Ariane Group, Larsen & Toubro, Akula Tech, Pixxel, Manastu Space

Products and Services

- Satellite Platforms (P-30 and P-Nu)
- Hosted Payload Solutions for Secondary Payloads
- Space-grade Solar Arrays for small satellites up till microsats of 500kg
- Satellite Separation Systems for satellites up till 500 kg
- Space MissionOps Software: Integrated Space Operations and Command Suite (ISOCS)
- Ground Stations across VHF/UHF/S, X, Ka Bands
- AstraView virtual constellation with network of 200+ EO satellites



Dhruva Space's 3.8m S & X band Ground Station



Dhruva Space's upcoming 280,000 sq-ft manufacturing facility



Dhruva Space's P-30 microsatellite bus



Business Contact

Krishna Teja Penamakuru
Chief Operations Officer & Co-founder

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🌐 <https://www.dhruvaspace.com>



Jarbits



Company Profile

Jarbits Private Limited is a deep-tech geospatial AI startup incubated at IIT Kanpur, building TerraLux — India's most advanced physics-informed terrain intelligence platform (est. 2017, CIN: U74999KA2017PTC107036). TerraLux fuses Copernicus Sentinel-1 SAR, Sentinel-2 optical imagery, InSAR interferometry, and high-resolution DEMs to deliver actionable disaster risk intelligence at 10m resolution, actively deployed under a MeitY-funded work order covering Kerala's Wayanad–Idukki corridor (KSITM pilot).

Core Business/Domain of Operation

- Space Application: Landslide Susceptibility Mapping, Early Warning System, InSAR Ground Deformation, Flood Intelligence, Subsidence Analysis, Solar & Infrastructure Siting

Test Facilities and Infrastructure

InSAR Ground Deformation: PS-InSAR & SBAS workflows (ISCE2 + MintPy + SNAPHU), mm-precision displacement monitoring

Achievements and Awards

- IndiaAI Innovation Challenge 2024 — National Winner (MeitY, Govt. of India)
- MeitY Work Order (~Rs.1 Crore, 24-month Kerala KSITM active pilot)
- IIT Kanpur Udaan Incubation | SBI Foundation Rs.8L | StartIn UP Rs.6L | LowCarbon.Earth Cohort 1
- Winner of Agri India Hackathon - 2021
- IN-SPACe Indian Space Delegation — Space Meetings Veneto 2026

List of Key Customers

- KSITM Kerala (active pilot) — Wayanad–Idukki EWS, ~4000 km²
- MeitY, Government of India | NDMA / SDMA Network | IIT Kanpur

Organization Type : Startup

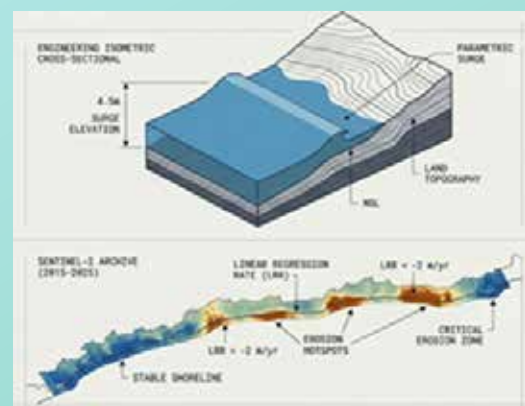
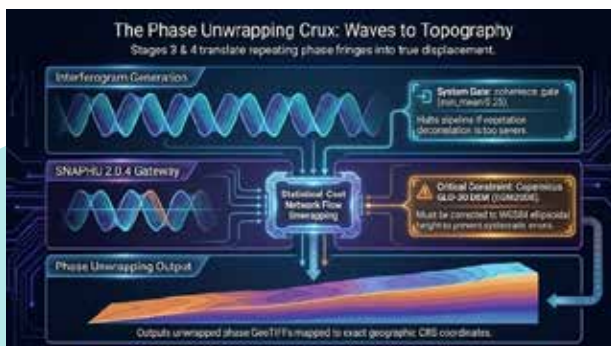
- Year of Incorporation : 2017
- Number of Employees : 7

Details of the Key Management

Sanjay Kumar Shukla
Founder & CEO
✉ sanjayshukla@jarbits.com

Products and Services

- InSAR Ground Deformation & Subsidence Analytics:
- Landslide Susceptibility Mapping
- Urban Flood & Mobility Resilience
- Storm Surge
- Coastal Erosion
- SkyrouteX — Mission Orchestration & UAV Ground Control Station (JGCS)



Business Contact

Sanjay Kumar Shukla
Founder & CEO
✉ sanjayshukla@jarbits.com



 www.jarbits.com



Kepler Aerospace



Company Profile

Kepler Aerospace is a Bangalore-based aerospace and defence technology company focused on building next-generation satellite systems, ground infrastructure, and intelligence platforms. The company operates at the intersection of satellite hardware, ground segment infrastructure, and mission operations, with deep collaborations across ISRO, DRDO, and Defence Space Agency (DSA) programs. Kepler is a recipient of defence-backed innovation programs and is actively developing ISR satellite swarms and Ground Station-as-a-Service (GSaaS) infrastructure to support sovereign and commercial space missions. With strong emphasis on Make in India, high-reliability systems (AS9100 Rev D), and mission-grade electronics, Kepler is positioning itself as a full-stack space infrastructure provider - spanning satellites, ground stations, and intelligence delivery platforms.

Core Business/Domain of Operation

Satellite and Subsystems: Satellite Manufacturer, Navigation Systems

Ground systems and allied Services: Mission Operations, GSaaS & Ground Infrastructure

Test Facilities and Infrastructure

Class 10,000 Clean Room, RF R&D lab, Solar Simulator setup for photovoltaic testing, Battery Lab, Thermal Chamber

Achievements and Awards

- iDEX Prime Challenge Winner: Recognized by the Ministry of Defence for developing India's first ISR satellite swarm for the Defence Space Agency.
- Defence Space Agency Partnership: Currently developing a multi-sensor ISR constellation and intelligence platform.
- ISRO Gaganyaan Program: Successfully designed and implemented the Astronaut Health Monitoring Avionics system.
- DRDO & Defence Systems: Developed long-range encrypted TT&C for Abhyas drones and navigation/GNSS systems for drone swarms.
- Operational Track Record: Delivered 80+ GNSS units; UHF beacons have been in orbit for 2+ years, and ground station systems for 4+ years.
- Indigenous Innovation: Created IRNSS-based GNSS solutions and SDR-based SATCOM systems for ISRO and various defence clients.

Organization Type : Startup

- Year of Incorporation : 2018
- Number of Employees : 10+

Details of the Key Management

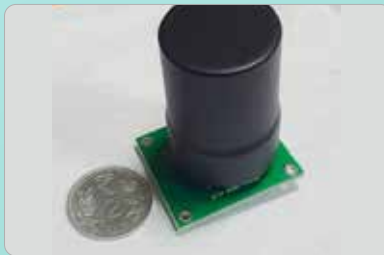
Navneet Singh
Chief Executive Officer
✉ ceo@kepleraero.com

List of Key Customers

- ISRO, DRDO, DSA & Government of India, L&T Defence, ADE (Aeronautical Development Establishment), Private satellite operators and international mission partners (via GSaaS network)

Products and Services

- Advanced SATCOM transceivers supporting wideband frequency hopping and SDR-based multi-band RF systems
- Long-range, encrypted UHF TT&C systems
- Micro-spacegrade GNSS modules, positioning sensors, and integrated Onboard Computers (OBC) for smallsat and defense platforms.
- Satellite Platforms: 3U, 6U, and 16U satellite buses
- Ground Station-as-a-Service providing global network
- ISR data fusion (RF + EO) and electronic warfare support systems, including GNSS jammers.



Business Contact

Kiran Sharma

BDO

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SkyServe



Company Profile

SkyServe is an AI & edge computing technology company for satellite and airborne platforms, allowing analytics providers and core industries to deploy applications for earth observation and other space-based solutions onboard these platforms for rapid and real-time insights. SkyServe's expertise lies in making conventional space-based assets smarter by enabling them with AI-powered onboard data processing capabilities, paving a path for sustainable space operations and further downstream value chains. SkyServe has built an ecosystem of products for earth observation, which empowers the stakeholders including satellite operators, geospatial developers and end-users for seamless integration of systems and adaption of the technologies.

We have a strong track record of successful missions with NASA JPL and D-Orbit. In Mission Matterhorn, our system classified clouds and vegetation in real time, delivering results to Earth within just minutes achieving 10x lower latency, 5x lower bandwidth usage, and 3x cost savings.

Core Business/Domain of Operation

Satellite Application: EO Services, Edge Computing

Test Facilities and Infrastructure

- Dedicated edge computing and AI lab: 100sq.ft temperature and humidity-controlled lab with GPUs and Servers with UPS support, hosts flight-qualified hardware
- Testing Hardware & Rigs, including carrier cards, engineering models, and voltage meters

Achievements and Awards

- * ESA PhiSat-2 #OrbitalAI Challenge Winners
- "Startup of the Year" award by Geospatial World at Geospatial ArthaSubmit 2024*
- Geoawesomenes "Global Top 100 Geospatial Companies" 2024 edition
- 14th Annual Aegis Graham Bell Awards, Top3- Innovation in AI
- In collaboration with NASA's JPL and D-Orbit, deployed AI models under NASA's New Observation Strategies initiative on D-Orbit's ION Satellite Carrier delivering split-second decision-making insights

Organization Type : Startup

- Year of Incorporation : 2020
- Number of Employees : 40

Details of the Key Management

Vinay Simha
CEO
✉ vinay@skyserve.ai

List of Key Customers

- ISRO
- NASA JPL
- Indian Defense
- D-Orbit
- Loft Orbital
- SatRev

Products and Services

- **STORM**: Sensor-agnostic edge computing platform
- **SURGE**: A software suite, acting like a simulated environment of STORM
- **EarthSights**: An interactive dashboard to visualise satellite-based insights



Business Contact

Prakhar Rathi
Lead - Strategic Partnerships
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 skyserve.ai



SUHORA Technologies



Company Profile

Suhora Technologies is a spatial intelligence company delivering Earth Observation (EO) analytics and AI-enabled Geo-Intelligence solutions for strategic applications.

Suhora specializes in multi-sensor data processing, imagery analysis & analytics, satellite tasking, and real-time Earth intelligence. By fusing multi-resolution satellite data with AI-driven analytics, Suhora converts near-real-time Earth data into actionable intelligence for national security, disaster response and mitigation, climate risk, insurance, and strategic monitoring.

Core Business/Domain of Operation

Satellite applications: Defence and Intelligence, Disaster Management and Insurance, Renewable Energy and Solution, Mining, Urban and Infrastructure, Oil and Gas, Environmental & Sustainability, Port Monitoring & Maritime Domain Awareness

Achievements and Awards

- Maritime IN-SPACe Award 2025
- ISpA Industry Award 2025
- SPADE Launch
- Secured Asia's Largest Radar Satellite Imagery Contract
- Selected for NCIIPC AI Challenge
- Secured IGSTC Award
- Selected by Indian Navy to Advance MDA solutions
- Startups & Innovation Award by STPI

List of Key Customers

Indian Defence, MHA, DRDO, ISRO, PSUs, RRSC(s), NHPC

Organization Type : B2G, B2B

- Year of Incorporation : 2018
- Number of Employees : 60+

Details of the Key Management

Krishanu Acharya
CEO & Co-Founder
✉ krishanu@suhora.com

Products and Services

- **SPADE:** Subscription-based SaaS satellite data and analysis platform
- **MIRKA:** Advanced AI-based platform for near real-time land and maritime defence surveillance.
- **SID:** (Suhora's Platform for Insurance & Disaster) is an AI-powered satellite-based disaster management and risk analytics platform
- **Jules:** Analytical platform for space-based renewable energy optimization.



Business Contact

Sakshi Jain
 Manager - Marketing
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🌐 www.suhora.com



TakeMe2Space



TAKEME2SPACE

Company Profile

TakeMe2Space is building data centres in space.

We provide orbital compute today for the Earth Observation (EO) industry, enabling users to process data directly in orbit. Through our web platform, OrbitLab (<https://OrbitLab.tm2.space>), customers can upload AI models and execute them on the satellite in real time—downlinking only the insights, not raw data.

By drastically reducing data transmission and leveraging our indigenously developed satellites, we offer EO + compute access starting at \$2 per minute.

We also supply our proprietary satellite buses (up to 150 kg class) and key subsystems, including ADCS suites, at transparent and often unbeatable pricing. Detailed specifications and pricing are available on our website.

TakeMe2Space successfully conducted two space missions in 2024 aboard PSLV C58 and PSLV C60, and one on PSLV C62 which experienced launch failure. Our next mission, MOI-1a, is scheduled for Q4 2026 on Transporter-18, featuring an NVIDIA Orin-based AI accelerator and a 9 m GSD multispectral imager. We will expand the constellation in 2027 with four more satellites with a more powerful NVIDIA Thor and 1.5m imager.

Core Business/Domain of Operation

- Space Application: Orbital Compute & Storage-as-a-service
- Satellite Products: Buses and subsystems including ADCS

Test Facilities and Infrastructure

- ISO 8 Cleanroom
- ADCS HILS testing setup (Hcage with airbearing)
- Electronics test and measurement
- Flatsat

Achievements and Awards

- NVIDIA Inception Program
- TiE TGS 100
- DST Nidhi Prayaas, Govt of India
- IN-SPACe SBaaS

Organization Type : Startup

- Year of Incorporation : 2024
- Number of Employees : 27

Details of the Key Management

Ronak Kumar Samantray
CEO
✉ ronak@tm2.space

List of Key Customers

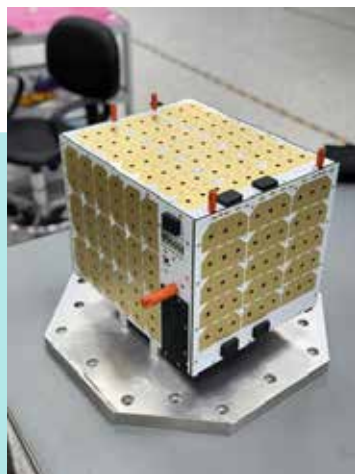
Countries: India, Australia, Spain, Bulgaria, Korea

Customers and Partners from the space industry:

Azista, GalaxEye, InnoSpace, OrbitAid, Sanzar, Skyroot

Customers from Academia building satellites:

SV University, IIT Tirupati, MIT-WPU, BMSCE, MAHE-MIT



30kg satellite bus



6U bus



Torquer Rod



30mNms Reaction
Wheels



Sun Sensor



Business Contact

Anand Rajagopalan

EVP Business

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🌐 www.tm2.space



VyomIC Space



Company Profile

VyomIC is building a Low-Earth-Orbit PNT (Position, Navigation and Timing) satellite constellation designed for precision, autonomy, and resilience. Each satellite is equipped with indigenously developed software-defined radios, precise orbit determination modules, inter-satellite links, and atomic clock ensemble, enabling it to generate and transmit its own robust navigation signals, which provides centimeter level positioning and nanosecond level timing accuracy on ground.

Together, these satellites form a distributed and intelligent space architecture that reduces dependence on large ground infrastructure and ensures the system remains operational even with minimal ground support.

Core Business/Domain of Operation

- To provide Secure, Resilient, and extremely Precise Position, Navigation and Timing Services.

Test Facilities and Infrastructure

- Testing Facilities for atomic clock ensemble development, signal design and characterization lab, antenna design and RF lab, GNSS receiver design lab.

List of Key Customers

- Drone Companies and Service Providers
- Autonomous Vehicle Manufacturers
- Construction Companies and Equipment Manufacturers
- Telecom Providers and Power Grids
- Precision Agriculture Equipment Manufacturers and Service Providers
- Financial Institutions

Organization Type : Startup

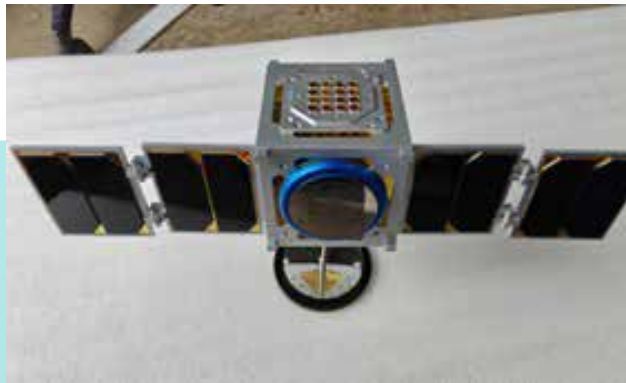
- Year of Incorporation : 2023
- Number of Employees : 20

Details of the Key Management

Lokesh Kabdal
CEO & Co-Founder
✉ lokesh@vyomic.space

Products and Services

- To deliver centimeter-level global positioning accuracy with high availability, including in degraded and urban environments.
- To provide nanosecond-level time synchronization to ground and space users for critical infrastructure.
- To ensure resilient navigation signals inherently resistant to jamming and spoofing.
- To enable low-latency PNT services for real-time applications such as autonomous systems and UAVs.



Business Contact

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CBO & Co-Founder
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The information in this booklet is provided by Indian space industry/startups, IN-SPACe has not verified its accuracy.