

NEWSPACE MARKET · COMPANY PROFILE

INSP^ECITY

Inspecity Space Laboratories

India · inspecity.com

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newspacemarket.com/companies/inspecity-space-laboratories/

as of 20 August 2026



InspeCity Space Laboratories

InspeCity Space Laboratories is a Mumbai-based deep-tech startup developing groundbreaking tools to support satellite systems that are essential for communication, navigation, and security. As humanity confronts novel challenges on our planet, InspeCity works to guarantee the long-term prosperity of orbital infrastructure through sustainable space servicing technologies. The company specialises in three core areas: advanced green propulsion systems, high-degree-of-freedom robotics, and rendezvous, proximity operations, and docking (RPOD) technologies. These capabilities underpin its in-orbit satellite servicing platform, which enables life extension, eco-friendly refuelling, and targeted maintenance of satellites — reducing the need for costly replacements and minimising orbital debris. InspeCity's technology suite includes GITA (a green propulsion system), RAMA (a multi-DOF robotic arm), CHAKSU (an AI-enhanced tracking sensor unit), RIG (an autonomous docking system), and VEDA (the central servicing vehicle). Together these systems allow RIG and RAMA to be transported to client satellites by VEDA, providing repair, inspection, and life-extension services with precision. Founded in India and backed by iDEX contracts and \$5.6 million in seed funding, InspeCity collaborates with international partners such as Orbital Lasers to advance the vision of sustainable, collaborative space operations. By sustaining space assets, the company aims to pave the way for greater international collaboration and innovation, uniting humanity's efforts beyond borders.

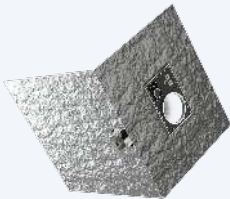
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SERVICES

Services

Debris Removal and Deorbiting InspeCity offers services to remove and deorbit space debris, reducing collision risks and improving space sustainability.	In-Orbit Life Extension InspeCity provides services to extend the operational life of satellites, rescuing them from untimely retirement and maximizing their return on investment.
ISAM Solutions Development InspeCity collaborates on developing In-Space Servicing, Assembly, and Manufacturing (ISAM) solutions, focusing on satellite life extension, orbital debris mitigation, and advanced servicing.	Satellite Health Inspection InspeCity monitors satellite health using multi-sensor input to detect faults early, enabling preemptive fixes and reducing downtime.

Product catalogue

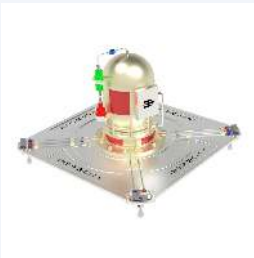


INSPECITY SPACE LABORATORIES

CHAKSU — Comprehensive AI-Enhanced Satellite Tracking Sensor Unit

CHAKSU (CompreHensive Artificial Intelligence Enhanced Satellite TracKing Sensor Unit) is InspecCity’s navigation and tracking guidance system developed for in-orbit satellite

price on request



INSPECITY SPACE LABORATORIES

GITA | Green Impulse Transmitter

GITA is an eco-friendly propulsion system designed for satellite servicing, utilizing refuellable and easy-to-source propellants to provide high thrust and impulse with instant res

Propellants	Refuellable, easy to source
Thrust	High
Impulse	Higher
Response Capabilities	Instant

price on request

Contact Inspecity Space Laboratories

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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<https://www.inspecity.com/>

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