

NEWSPACE MARKET · COMPANY PROFILE

INSPE-CITY

InspeCity

India · founded 2022 · inspecity.com

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PRODUCTS

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SERVICES

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as of 20 August 2026



InspeCity

InspeCity Space Laboratories is an Indian in-space servicing startup founded in July 2022 by Arindrajit Chowdhury (CEO) and Tausif Shaikh (CTO), headquartered in Thane, Maharashtra. The company is building a fully integrated stack of green propulsion, robotics, and rendezvous/proximity-operations-and-docking (RPOD) technology to inspect, service, and extend the life of satellites on orbit. Its flagship platforms — VEDA (transport/servicing vehicle), RIG (robotic guidance module), RAMA (robotic arm), and CHAKSU (AI-enhanced tracking and sensing suite) — work together to enable close-proximity inspection, repair, and end-of-life deorbiting on a pay-as-you-go model. InspeCity has raised roughly \$5.6M+ in seed funding and positions itself around the long-term vision of building sustainable, serviceable space infrastructure.

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SERVICES

Services

Debris Removal and Deorbiting

InspeCity is committed to removing man-made objects from space, reducing collision risks and improving space sustainability.

In-Orbit Life Extension

InspeCity offers services to significantly extend the operational life of satellites, restoring functionality and maximizing return on investment.

ISAM solutions development (collaborative)

InspeCity collaborates on developing In-Space Servicing, Assembly, and Manufacturing (ISAM) solutions, including regulatory studies and Concept of Operations.

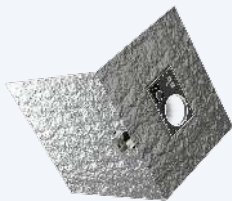
Refueling services

InspeCity provides refueling services to minimize space waste and ground hazards, supporting a cleaner orbital environment.

Satellite Health Inspection

InspeCity provides satellite health monitoring through multi-sensor input to enable preemptive fixes and optimize performance.

Product catalogue



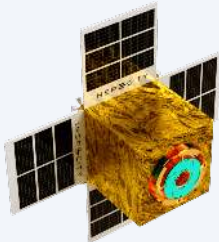
INSPECITY

CHAKSU — AI-Enhanced Satellite Tracking and Inspection System

AI-enhanced sensing and tracking suite for close-proximity in-space inspection — feeds relative navigation data to InspeCity's RIG and VEDA platforms, works with both cooperative a

System name	CHAKSU (Comprehensive AI-Enhanced Satellite Tracking Sensor Unit)
Function	Relative navigation, tracking, and close-proximity visual/sensor inspection
Guidance support	Feeds RIG and VEDA for precision docking
Navigation	AI-enhanced, real-time tracking
Target compatibility	Cooperative and non-cooperative resident space objects
Development status	Design and simulation complete; entering manufacturing
Country of origin	India

price on request



INSPECITY

VEDA — Vehicle for Life Extension and De-orbiting Activities

InspeCity's on-orbit servicing transport vehicle — carries the RIG robotic guidance module and RAMA robotic arm to perform satellite life-extension servicing and end-of-life deorbi

Vehicle role	On-orbit servicing transport vehicle
Propulsion	Green propulsion technology
Integrated subsystems	RIG (guidance), RAMA (robotic arm), CHAKSU (sensing)
Mission types	Life extension servicing, end-of-life deorbiting
Business model	Pay-as-you-go servicing missions
Target compatibility	Cooperative and non-cooperative satellites
Country of origin	India

price on request

Contact InspeCity

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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