

Project Garud

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Project Garud Latest News

Hyderabad-based Dhruva Space recently secured ₹105 crore under the Research, Development & Innovation Fund (RDIF) to power 'Project Garud', a major step towards strengthening India's private-sector satellite capabilities.

About Project Garud

- It is a **satellite platform programme** launched by **Hyderabad-based space startup Dhruva Space**.
- It is focused on **developing a flat-pack 500 kg-class satellite** platform designed for **scalable and high-volume manufacturing**.
- It is positioned to **bridge the gap between smaller experimental satellites and larger traditional systems**.
- The platform is being developed as a **standardised, production-oriented spacecraft** capable of supporting **multiple mission configurations**.
- The satellite architecture is aimed at applications across **Telecommunications, National Security, Earth Observation**, and emerging data-driven use cases.

- The platform introduces a **flat-pack architecture** that enables **efficient launch stacking, faster system integration, and improved deployment timelines**, making it **suitable for large-scale satellite deployments**.
- Dhruva Space will also establish the infrastructure, tooling, and industrial processes required for high-volume satellite manufacturing at scale.
- The **manufacturing roadmap** is designed to support production of **up to two satellites per day**, translating into an **annual manufacturing capacity** of nearly **500-600 satellites**.

Source: TH

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