

Skyroot's Vikram-1: India's Private Space Milestone

Skyroot Aerospace successfully launched its Vikram-1 rocket, placing payloads into orbit on July 18, 2026.

Vikram-1 is a rocket developed by the Indian private firm Skyroot Aerospace, marking India's entry as the third nation with independent private orbital launch capabilities.

KEY EXAM POINTS

- The **Vikram-1** rocket was launched on **July 18, 2026**.
- It was built by the **Hyderabad**-based firm **Skyroot**.
- The launch took place from **ISRO's First Launch Pad** at **Sriharikota**.
- The rocket successfully placed its payloads into an orbit approximately **450 km** above Earth.
- The mission was named **Aagaman**, which is **Sanskrit** for "arrival."
- **India** has become the **third country** where a private company has independently placed payloads in orbit.

STATICS & SYLLABUS FOCUS

Skyroot Aerospace is an Indian private aerospace manufacturer headquartered in **Hyderabad**.

ISRO (Indian Space Research Organisation) is India's national space agency.

Sriharikota, located in **Andhra Pradesh**, hosts ISRO's primary satellite launch center, the **Satish Dhawan Space Centre**.

The **Vikram series** of rockets are named in honour of **Dr. Vikram Sarabhai**, widely regarded as the **Father of the Indian Space Program**.

India's space sector was opened for **private participation** through reforms announced in **2020**.

The other two countries where private companies have independently placed payloads in orbit are the **United States** and **China**.

REVISION FLASHCARD

Skyroot's Vikram-1 launch on July 18, 2026, made India the third country with private orbital launch capability.

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