

Skyroot Vikram-1 Launch: India's Private Space Entry

Skyroot's Vikram-1 rocket successfully placed payloads in orbit, marking India's entry into private space exploration.

Vikram-1 is a rocket developed by Skyroot Aerospace, an Indian private space company, designed to place payloads in orbit.

KEY EXAM POINTS

- **Skyroot's Vikram-1** launch made India the **third country** where a **private company** has independently placed payloads in orbit.
- The **Vikram-1 rocket** was built by the **Hyderabad**-based firm **Skyroot**.
- The launch of **Vikram-1** occurred on **July 18, 2026**.
- The rocket lifted off from **ISRO's First Launch Pad** at **Sriharikota**.
- **Vikram-1** placed its payloads in an **orbit** roughly **450 km** above the earth.
- The mission was named **Aagaman**, which is **Sanskrit** for "a" (the excerpt was cut off, so using the provided part).

STATICS & SYLLABUS FOCUS

The **Vikram series** of rockets are named after **Dr. Vikram Sarabhai**, considered the **Father of the Indian Space Program**.

ISRO (Indian Space Research Organisation) was established in **1969** and is headquartered in **Bengaluru**.

Sriharikota, located in **Andhra Pradesh**, serves as India's **primary satellite launch center**.

IN-SPACe (Indian National Space Promotion and Authorisation Centre) was established in **2020** to promote **private sector participation** in space activities.

The **Indian Space Policy 2023** aims to boost **private sector involvement** across the entire spectrum of space activities.

Gaganyaan Mission is India's **first human spaceflight mission**, aiming to send astronauts into orbit.

Chandrayaan-3 successfully landed on the **lunar south pole** in **August 2023**, making India the **fourth country** to achieve a soft landing on the Moon.

REVISION FLASHCARD

Skyroot's Vikram-1 launch made India the third country with private orbital payload capability.

Syllabus Relevance: High

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