

National Space Day

Why In News

- India is set to celebrate its **first National Space Day**, August 23, 2024. It was on this day **last year that the Chandrayaan-3 mission successfully** accomplished the soft landing of Vikram Lander on the lunar surface.
- This day marks India's historic achievement as it was the day when the country became only the **fourth in the world** to land a rover on the moon and the **first to land** near the southern polar region.



- Having achieved a huge success in the moon mission, the Indian government officially declared **August 23 as the National Space Day**, commemorating India's growing prowess in space exploration.

Theme For India's First National Space Day 2024

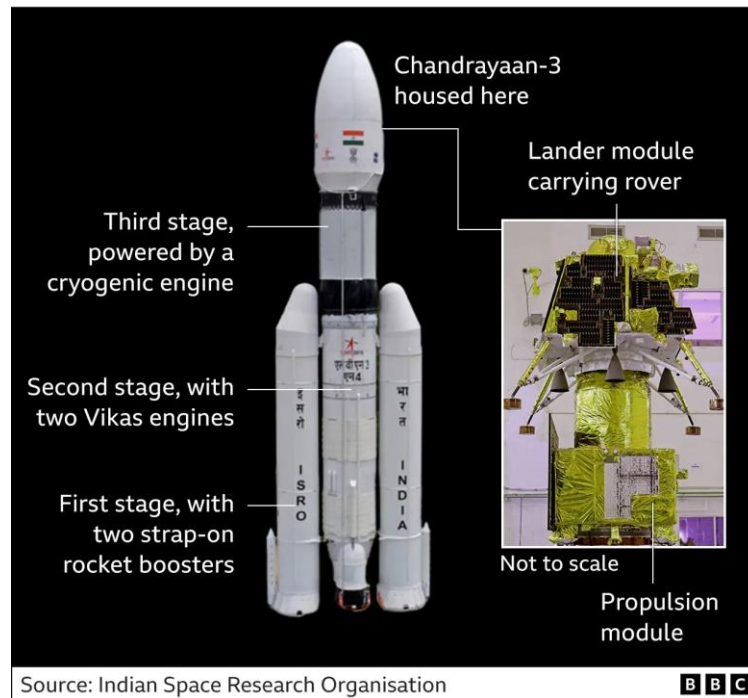
- The theme for India's first National Space Day is 'Touching Lives while Touching the Moon: India's Space Saga'.



Chandrayaan-3: A Remarkable Achievement

- Indian Space Research Organisation (ISRO) achieved a historic feat with the successful landing of **Vikam Lander** on the southern polar region of the moon on August 23, 2024. India became the first country in the world to land on the southern polar region of the moon and the fourth country to land on the moon.
- The **Vikram Lander accompanied by the Pragyaaan Rover** touched down on the lunar surface ushering in a significant achievement in India's space exploration efforts.
- The Chandrayaan-3 mission was launched from the **Satish Dhawan Space Centre in Sriharikota**, Andhra Pradesh. To honour the historic achievement of Isro in the moon mission, PM Modi proclaimed August 23 as the National Space Mission.
- The success of the mission reflects India's **growing capabilities in space technology** highlighting the importance of international collaboration in space exploration.

The LVM3 launch rocket and Chandrayaan-3



National Space Day Significance

- The declaration of National Space Day celebrates **India's technological advancements** in space research and exploration. The success of Chandrayaan-3 not only established India as a **key player in the global space sector** but also symbolises Isro scientists and engineers' dedication and hard work.



- This milestone reflects India's capability to achieve feats in space exploration with **Chandrayaan-3 serving** as an example of innovation, precision and perseverance. Moreover, **National Space Day** is established to inspire the coming generation of India to pursue careers in **science, technology,**

engineering, and mathematics (STEM), to contribute to India's future space missions.

Chandrayaan 4 And 5 To Follow

- **Union Minister Jitendra Singh**, addressing a curtain raiser for the 1st National Space Day, said, "**Chandrayaan 3 was a milestone**, Chandrayaan 4 and 5 will follow." He said this while interacting with the media on the eve of National Space Day 2024 at the National Media Centre here.
- The Union Minister of State (Independent Charge) for Science and Technology also highlights India's effort to rise as a world leader in the space sector saying, "**Gayanyaan Mission** is to send first Indian in Space in 2025." He also mentioned that the space sector received Rs 1000 crore investment soon after collaborating with the private partners.



- "One of the cornerstone projects is the establishment of the **Bhartiya Antariksh Station by 2035** and an Indian landing on the moon by 2045," Singh added while sharing India's future plans.

