WORLD NEWS

Chandrayaan-3 moon missiont takes off carrying hopes of 1.4 billion Indians

The Indian Space Research Organization successfully launched another mission to the moon with Chandrayaan 3. This is the ISRO's follow-up on India's second mission to the Moon, Chandrayaan-2, which was launched on July 22 from Sriharikota.

Chadrayaan-3 is India's third lunar mission, which is aimed at achieving a successful landing of the lander on the moon's surface. This mission is being conducted because of Chandrayaan-2, which took 48 days to reach the moon's surface, but later failed after the Vikram lunar lander crashed on the moon's surface.

The Indian Space Research Organisation (ISRO) successfully launched Chandrayaan 3 on the 14th of July at around 2:35 PM. Chandrayaan-3 was launched from Satish Dhawan Space Center in Sriharikota, India.

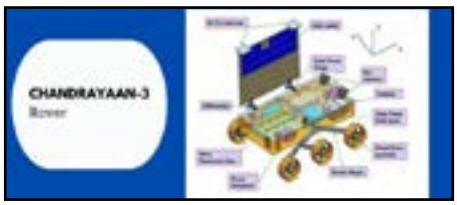
In order to investigate the lunar surface plasma environment, elemental composition, seismicity, and thermophysical properties, the Chandrayaan-3 mission will transport scientific instruments to the moon.

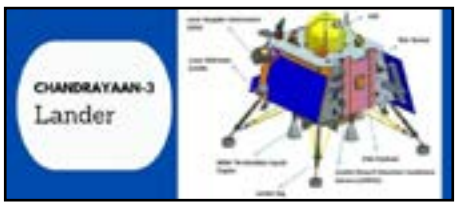
If everything went well, Chandrayaan-3 will make a soft landing on Moon's surface on August 23, 2023, at 5:47 PM.

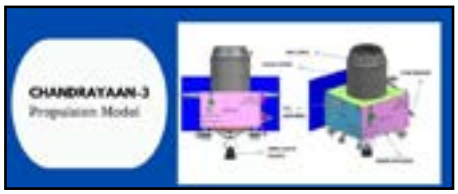
What is Chandrayaan-3?

The Chandrayaan-3 mission is an ambitious project of the Indian Space Research Organization. The primary objective of this mission is to put a lander and rover in the highlands near the south pole of the Moon and demonstrate end-to-end landing and roving capabilities.

Chandrayaan-3 is the follow-up mission to Chandrayaan-2. Chandrayaan 3 will consist of an indigenous Lander module (LM), a Propulsion module (PM), and a Rover.







Objective of Chandrayaan-3

- To show how to land on the moon's surface safely and gently.
- To demonstrate Rover roving on the moon
- To perform in-situ scientific experiments on the moon.

Chandrayaan-3 Mission Budget

Chandrayaan-3 which is the most anticipated project of the Indian Space Organization (ISRO) will be launched soon. As Chandrayaan-3 was the follow-up project for Chandrayaan-2, the whole cost of the mission is Rs. 615 Crore.

Whereas, the budget for the Chandrayaan-2 mission was Rs. 978 Crore which included Rs. 603 crore for the orbiter, lander, rover, navigation, and ground support network and Rs 375 crore for Geo-stationary Satellite Launch Vehicle.

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