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Page 29

“CHANDRAYAAN-2”

(Proud moment for every Indian)

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Objective

- Chandrayaan-2, India's 2nd moon mission (after Chandrayaan-1, 2008) was successfully launched on 22nd July at 2:43 pm by GSLV-MkIII-M1 (Geosynchronous Satellite Launch Vehicle Mark III) from Second Launch Pad at Satish Dhawan Space Center Sriharikota (Andhra Pradesh).
- Main aim is to improve our understanding about the Moon discoveries, latest inventions that will benefit India.
- It will also provide detailed information of moon's topography and atmosphere leading to a better understanding of Moon.

Problems Faced.....

- On 15th July, The launch was called off due to technical problems in the fuel conductor.
- The countdown for the launch of Chandrayaan-2, on board the GSLV Mk-III rocket, was scheduled for 2.51 am.
- It was stopped 56 minutes and 24 seconds before lift-off at 1.55 am, following an announcement from the Mission Control Centre
- The technical snag was noticed during the cryogenic fuel was being loaded.

Lander

- Lander also known as Vikram.
- ISRO has named Lander after the founder of ISRO and the father of Indian Space Program Vikram Sarabhai.
- The five-legged lander will have three instruments onboard.
- They are the Radio Anatomy of Moon-Bound Hypersensitive Ionosphere and an Atmosphere Probe (Rambha) that will measure the density of the lunar sub surface and changes around it.