



GONDIA EDUCATION SOCIETY'S
**SETH NARSINGDAS MOR COLLEGE OF ARTS & COMMERCE &
SMT. G. D. SARAF SCIENCE COLLEGE, TUMSAR 441 912 (M. S.)
DISTT. : BHANDARA**

OFF. (07183) 233300
E-mail - principalsnmorcollege@rediffmail.com

Fax (07183) 233300

RES. (07183) 233301
Web site : www.snmorcollege.org.in

Ref. No. _____

Date : 24/08/2023

Report of the Live telecast of CHANDRAYAN -3

Live telecast of CHANDRAYAN -3 Soft landing on the moon surface

CHANDRAYAN -3's soft landing on the moon surface was scheduled at 6.04 pm on Wednesday, 23 August, 2023. As per the letter No. D. O. No.2-52/ 2023 (CPP-II) of dated 21st August, 2023/ 30श्रावण1945, UGC instructed to organize a live telecast programme of the historical moment. IQAC took initiative, instructed departments of Physics and Commuter Science to make the necessary arrangement.

The programme was organized at the old conference hall. Students and professor enthusiastically responded. Before watching the live telecast, information about this mission with Chandrayaan-3 – Elements, Chandrayaan-3 – Integrated Module, Chandrayaan-3 Integrated Module – Views, Chandrayaan-3 Lander Module -Views, Chandrayaan-3 Propulsion Module – Views, Chandrayaan-3 Rover on Ramp and Deployed Views, Chandrayaan-3 Rover -Views, Chandrayaan-3 Lander, Chandrayaan-3 Lander, Chandrayaan-3 Propulsion Module, Chandrayaan-3 Rover, Chandrayaan-3 – Mission Profile etc. has been introduced.

The landing of India's Chandrayaan-3 was a monumental occasion that would not only fuel curiosity but also sparked a passion for exploration within the minds of our students and teachers. It generated a profound sense of pride and unity as we collectively celebrated the prowess of Indian science and technology. It really contributed to fostering an environment of scientific inquiry and innovation.

Dr. V. V. Warhate, Head, Department of Physics, monitored the live programme. Nearly 50 students and professors including the Hon'ble Principal Dr. C. B. Masram and IQAC Coordinator Dr. R. K. Dipte witnessed the romantic moment.

(Reference- Letter of Prof. Manish R. Joshi, Secretary, University Grants Commission, Ministry of Education, Govt. of India referenced as D.O.No.2-52/2023(CPP-II) on 21st August, 2023/ 30 श्रावण1945.)

In detail- [Referenced from - LVM3-M4/CHANDRAYAAN-3MISSION Brochure from [Chandrayaan-3 Details \(isro.gov.in\)](https://www.isro.gov.in)]

LVM3-M4/CHANDRAYAAN-3 MOON MISSION

Chandrayaan-3, India’s third lunar exploration mission is ready to take off in fourth operational mission (M4) of LVM3 launcher. ISRO is crossing new frontiers by demonstrating soft landing on lunar surface by its lunar module and demonstrate roving on the lunar terrain. It is expected to be supportive to ISRO’s future interplanetary missions.

Mission sequence

The various mission phases are classified as follows:

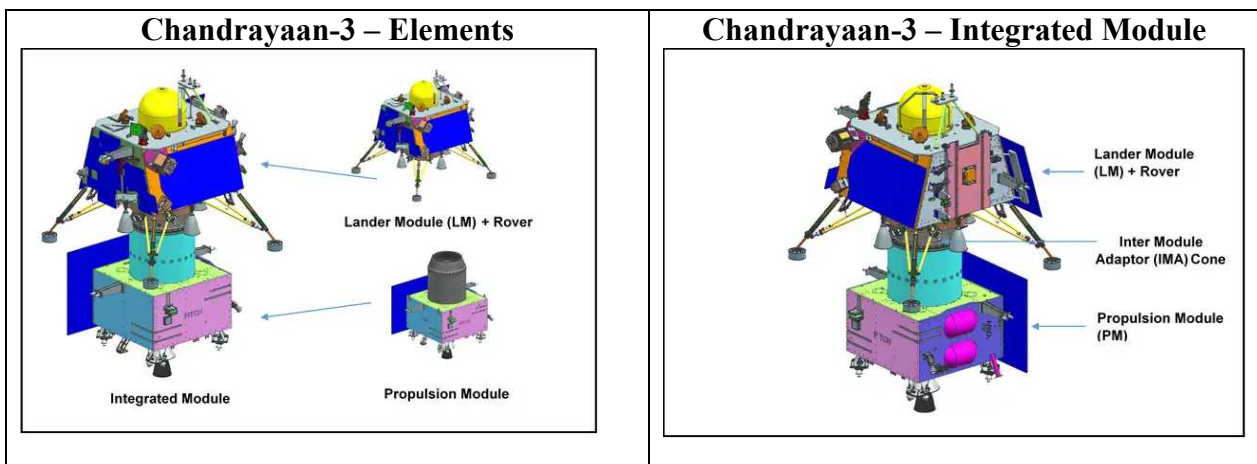
1. Earth Centric Phase (Phase-1)
2. Lunar Transfer Phase (Phase-2)
3. Moon Centric Phase

LVM3 is the operational heavy lift launch vehicle of ISRO and has a spectacular pedigree of completing 6 consecutive successful missions. This is the 4th operational flight of LVM3, aims to launch the Chandrayaan-3 spacecraft to Geo Transfer Orbit (GTO).LVM3 hasproved its versatility to undertake most complex missions like:

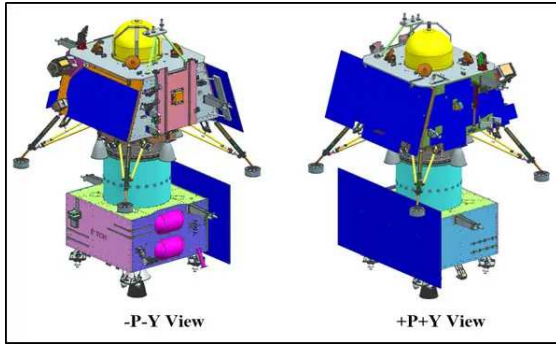
- Injecting multi-satellites
- Mission planning to ensure safe relative distance among separated satellites through re-orientation and velocity addition maneuvers.
- Multi orbit (LEO, MEO, GEO) and execute interplanetary missions.
- India’s largest and heaviest launch vehicle ferrying indian and international customer satellites.

LVM3-M4 will be launched from the Second Launch Pad (SLP), SDSC, SHAR.

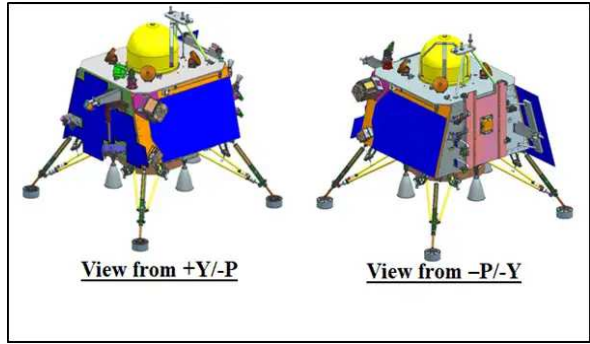
Three dimensional views of Chandrayaan-3 modules are provided below:



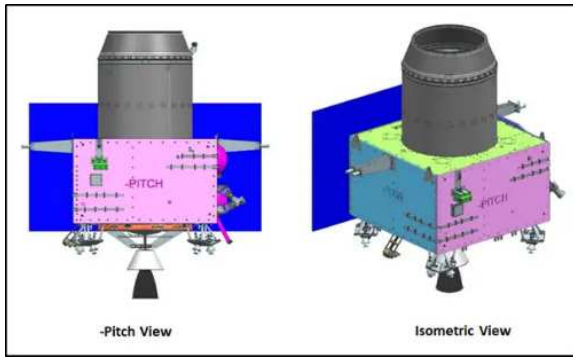
Chandrayaan-3 Integrated Module – Views



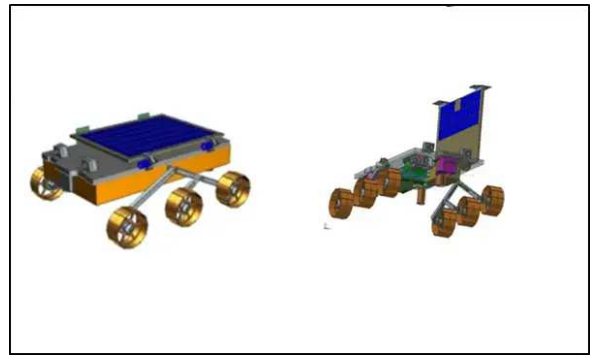
Chandrayaan-3 Lander Module -Views



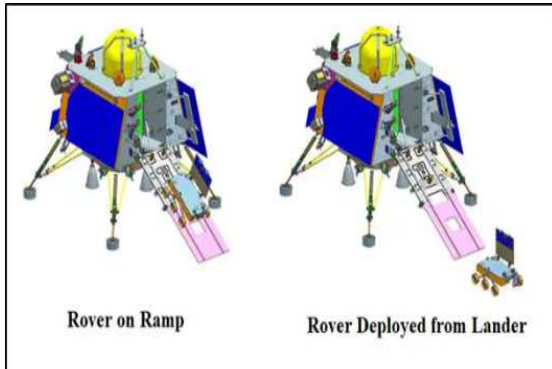
Chandrayaan-3 Propulsion Module – Views



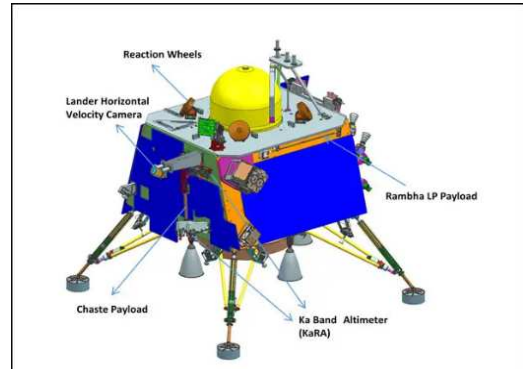
Chandrayaan-3 Rover on Ramp and Deployed Views



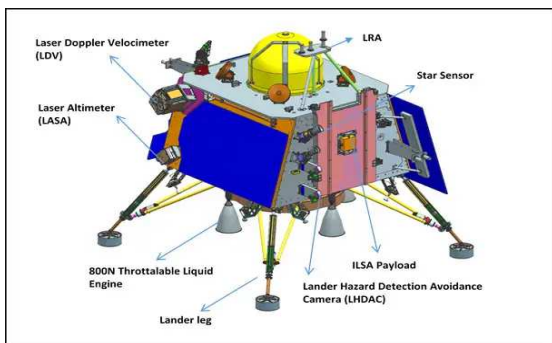
Chandrayaan-3 Rover -Views



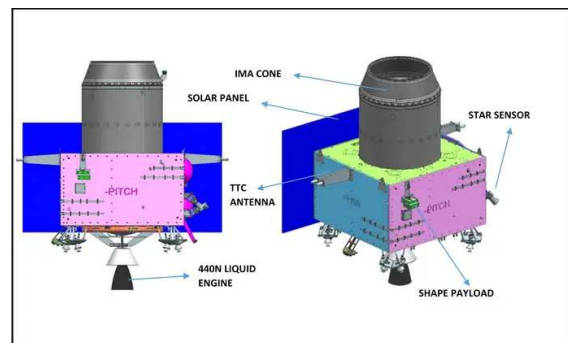
Chandrayaan-3 Lander



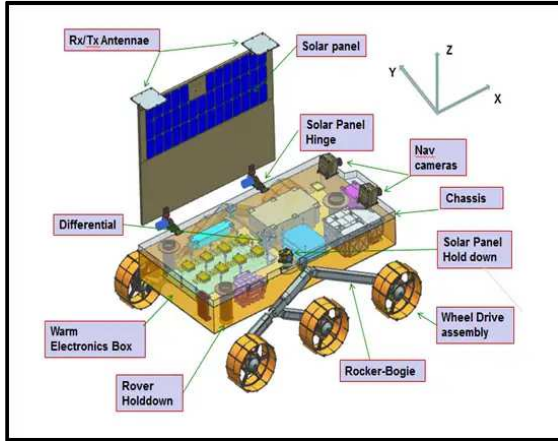
Chandrayaan-3 Lander



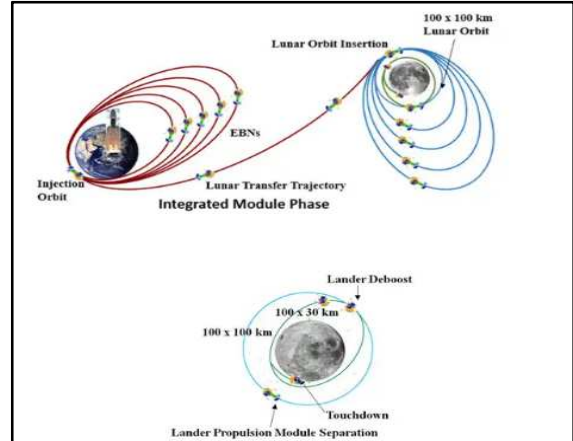
Chandrayaan-3 Propulsion Module



Chandrayaan-3 Rover



Chandrayaan-3 – Mission Profile




Geo-tagged photographs, DuringLIVE streaming of Chandrayaan-3 landing on the Moon are provided below:

The screenshot shows a website titled "LIVE telecast of Chandrayaan-3 Soft-landing". A "GPS Map Camera" overlay is present, displaying the following information:

- Tumsar, Maharashtra, India**
- 9PPR+WXP, Shastri Nagar, Tumsar, Hasara, Maharashtra
- 441912, India
- Lat 21.387384°
- Long 79.741937°
- 23/08/23 06:35 PM GMT +05:30

A small Google map is visible in the bottom left corner of the screenshot.



 **GPS Map Camera**

Tumsar, Maharashtra, India

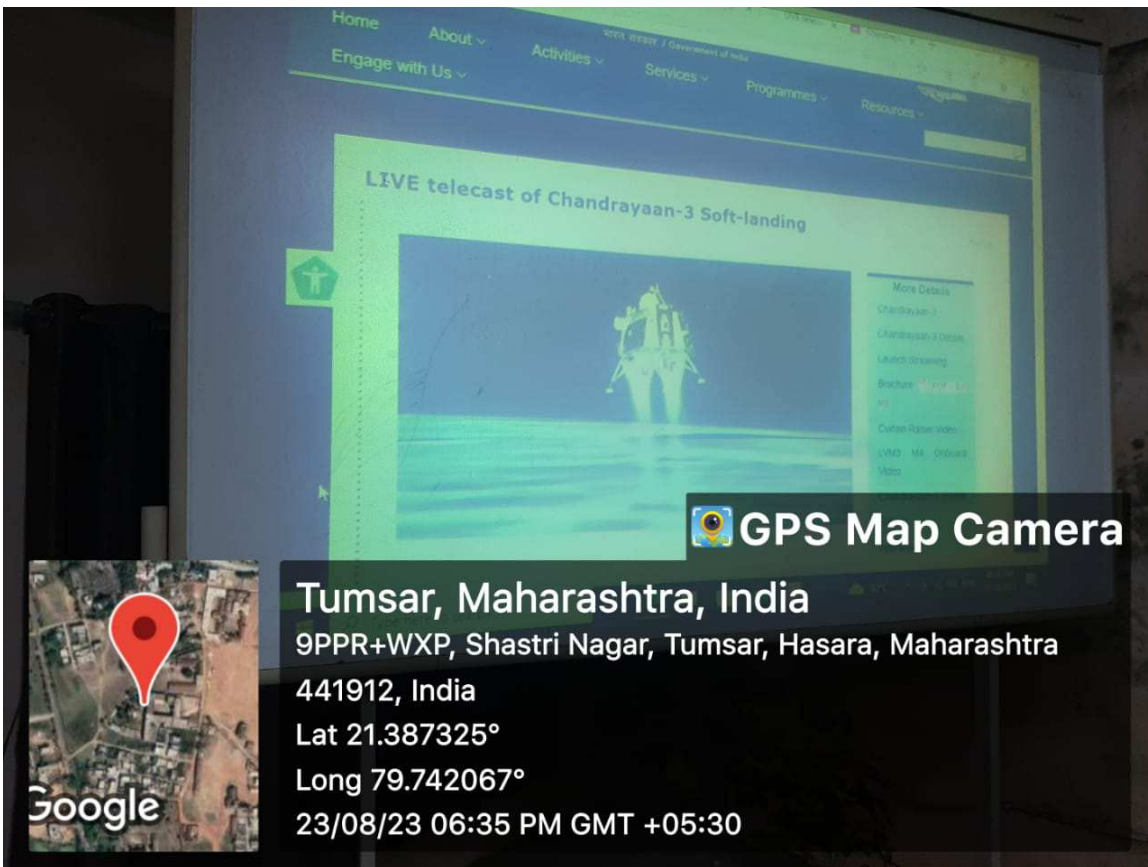
9PPR+WXP, Shastri Nagar, Tumsar, Hasara, Maharashtra

441912, India

Lat 21.387323°

Long 79.742133°

23/08/23 06:23 PM GMT +05:30



 **GPS Map Camera**

Tumsar, Maharashtra, India

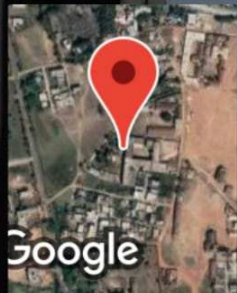
9PPR+WXP, Shastri Nagar, Tumsar, Hasara, Maharashtra

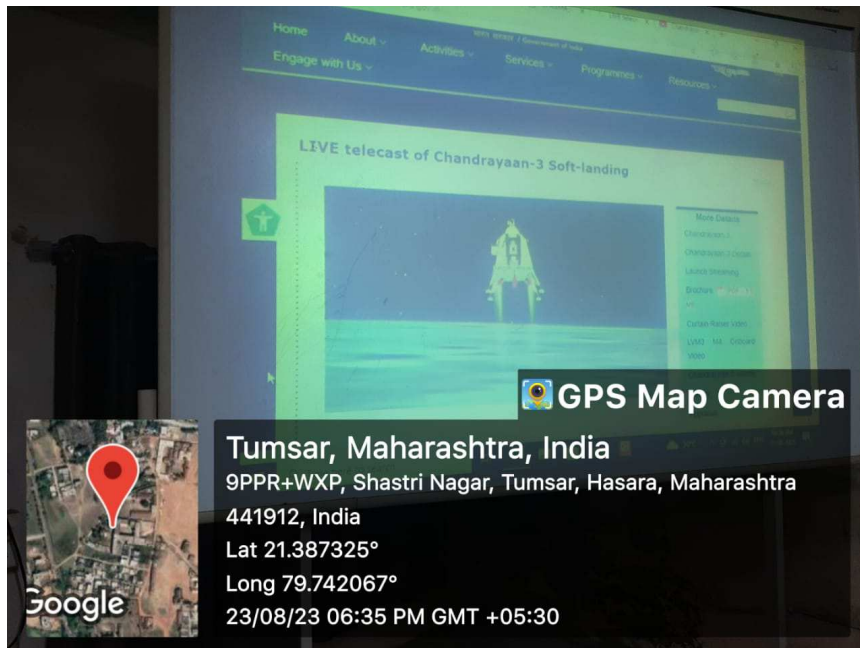
441912, India

Lat 21.387325°

Long 79.742067°

23/08/23 06:35 PM GMT +05:30







Dr. V. V. Warhate
Head, Dept. of Physics

Dr. R. K. Dipte,
Coordinator, IQAC