



Institution's Innovation Council
Saurashtra University

“Launch of Chandrayaan 3”

23rd August 2023

At

Meeting Room, Incubation Centre,
Dr. A P J Abdul Kalam Science Laboratory
Saurashtra University Campus, Rajkot

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Saurashtra University – IIC

The university is dedicated to instruction, research, and extending knowledge to the public (public service). Ministry of Education (MoE), Govt. of India has established 'MoE's Innovation Cell (MIC)' to systematically foster the culture of Innovation among all Higher Education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years. Saurashtra University is one the Organization that have constituted the IIC to foster the vision of MoE and be a part for the promotion and development of innovation ecosystem.

Event Schedule



Live Stream Link:

<https://www.youtube.com/live/ZXJ9INYKifs?feature=share>

Brief about Event

SU Start-up and Entrepreneurship Council, in collaboration with IIC Saurashtra University, organized live stream of "Chandrayaan 3" on 23 August 2023. In the meeting room we gathered to observe and monitor the landing of "Chandrayaan 3" India's lunar exploration mission. This event was an important milestone in space exploration, as we eagerly awaited the successful landing of the "Chandrayaan 3" rover on the lunar surface. Then we watched the live streaming of "Chandrayaan 3".

The Chandrayaan program is India's lunar exploration program, initiated and managed by the Indian Space Research Organization (ISRO). The program aims to study and explore the Moon using a series of lunar missions. Earlier two missions had been successfully launched. Chandrayaan-1 (2008): This was India's first lunar mission, which included an orbiter and an impactor. Chandrayaan-1 made significant discoveries, including the presence of water molecules on the Moon's surface. Chandrayaan-2 (2019): Chandrayaan-2 was a more ambitious mission, consisting of an orbiter, a lander (Vikram), and a rover (Pragyan). While the lander's attempt to make a soft landing on the Moon was unsuccessful.

"Chandrayaan 3" was launched from Satish Dhawan Space Centre on 14 July 2023. The spacecraft entered lunar orbit on 5 August, and the lander touched down near the Lunar south pole on 23 August at 18:03 IST. making India the fourth country to successfully land on the Moon, and the first to do so near the lunar south pole.

The scientific objectives of "Chandrayaan 3" would likely include studying the lunar surface, mineral composition, geology, and possibly searching for water ice or other resources. Objectives for the "Chandrayaan 3" mission are engineering and implementing a lander to land safely and softly on the surface of the Moon. Observing and demonstrating the rover's driving capabilities on the Moon. Conducting and observing experiments on the materials available on the lunar surface to better understand the composition of the Moon. "Chandrayaan 3" would likely feature advancements in spacecraft technology, navigation, communication, and instrumentation compared to its predecessors.

Precisely at 6.03 p.m. the lander touched the lunar surface and there were euphoric celebrations at the Mission Operations Complex (MOX) at ISRO Telemetry, Tracking, and Command Network (ISTRAC), Bengaluru. the Lander successfully deployed the Rover which will carry out in-situ chemical analysis of the lunar surface during the course of its mobility. "Chandrayaan 3" made a successfully landing on the Moon's surface on August 23. Congratulating the team of scientists at ISRO, PM Modi said, "India's successful moon mission is not India's alone...Our approach of one earth, one family one future is resonating across the globe...Moon mission is based on the same human centric approach. So, this success belongs to all of humanity."

Key Points

During the session, below mentioned points were discussed:

- Chandrayaan program overview
- Scientific objectives of Chandrayaan 3
- Technological advancements
- Launch and lunar arrival
- Historic achievement for India
- Celebrations at ISRO
- PM Modi's congratulatory message

Outcome

All are gathered to observe and monitor the mission's progress, eagerly anticipating the successful landing of the "Chandrayaan 3" rover on the lunar surface. Chandrayaan is India's lunar exploration program. "Chandrayaan 3", launched on July 14, 2023, featured advancements in technology and aimed to achieve a safe and soft landing near the lunar south pole. "Chandrayaan 3" reached the lunar surface on August 23, 2023, at 6:03 PM IST, making India the fourth country to successfully land on the Moon and the first to do so near the lunar south pole. Prime Minister Modi congratulated the ISRO team, emphasizing that this achievement belonged to all of humanity, aligning with the idea of one earth, one family, and one future.

Embrace the present moment's historical significance

Chandrayaan 3

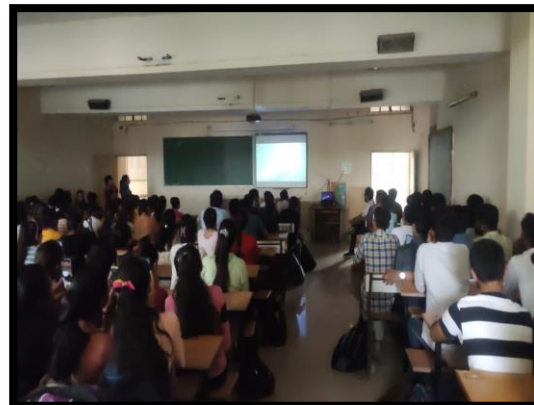
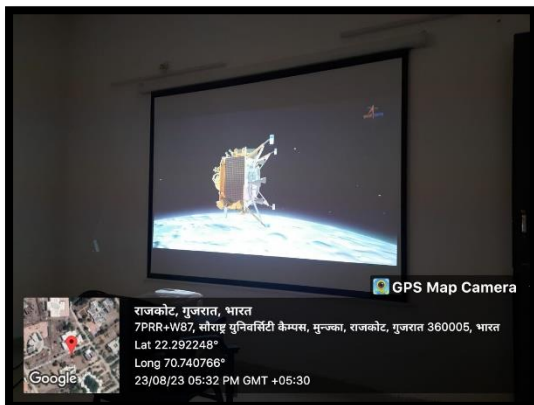
All the best for an incredible mission

LIVE STREAM

23 AUGUST 5:15PM ONWARDS

SU STARTUP AND ENTREPRENEURSHIP COUNCIL, INCUBATION CENTRE, SAURASHTRA UNIVERSITY

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