



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Physics & Electronics
A) A Summary Report of the Activity

1) Title of Programme:		Showing Live Streaming of LVM3-M4/Chandrayan-3 Mission		
2) Name of Organizing Department/Unit:		Physics and Electronics		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:		Chief Organizer: Dr M. H. Gavhane, Principal Dr A.A. Yadav, Dr D. V. Raje, Mr. Swapnil S. Undalkar (Convener)		
4) Date(s) of the Programme:		14 th July 2023		
5) Venue/Mode:		(Online Through You-Tube) Photonics Laboratory		
6) Target Group:		UG and PG Students		
7) Number of Participants:		Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching	06	02	08
	Non-Teaching Staff	03	00	03
	Students	09	12	21
8) Name(s) and details of Examiner(s), if any:		--		
9) Total Expenditure for the Programme:		NA		
10) Source of Funding:		NA		

B) Report

i. Title: Showing Live Streaming of LVM3-M4/Chandrayan-3 Mission.

ii.Introduction: Chandrayaan-3 is a follow-on mission to Chandrayaan-2 to demonstrate end-to-end capability in safe landing and roving on the lunar surface. It consists of Lander and Rover configuration. It will be launched by LVM3 from SDSC SHAR, Sriharikota. The propulsion module will carry the lander and rover configuration till 100 km lunar orbit. The propulsion module has Spectro-polarimetry of Habitable Planet Earth (SHAPE) payload to study the spectral and Polari metric measurements of Earth from the lunar orbit. Arranging such unique programs is a good idea to fine tune students' knowledge. A 40 minutes live streaming of LVM3-M4/Chandrayan-3 Mission was organized by the department of Physics and Electronics through You-Tube.

iii. Objectives of the study tour.

- To Enhances knowledge of students about Safe and Soft Landing on Lunar Surface.
- To familiar the students about Rover roving on the moon.
- Encourages independent learning.
- Promotes creativity and critical thinking.
- Provides a break from the monotony of classroom learning.
- To conduct in-situ scientific experiments.

iv. Details of Participants:

32 (18 Male 14 Female) were present for this program.

v. Brief Summary of Events/Session

Chandrayaan-3 was launched into space by the LVM3 rocket from the Satish Dhawan Space Centre in Sriharikota. Once in orbit, the propulsion module will carry the lander and rover configuration to a 100-kilometre lunar orbit. The lander will then separate from the propulsion module and attempt a soft landing on the lunar surface. The propulsion module also carries the Spectro-polarimetry of Habitable Planet Earth (SHAPE) payload, which will analyze the light from Earth to study its spectral and polarimetric properties. Chandrayaan-3 is a follow-up mission to Chandrayaan-2 that will attempt to land a spacecraft on the moon and deploy a rover to explore the lunar surface.

The rover will collect data on the composition and geology of the moon, which will help scientists learn more about the history and evolution of our nearest celestial neighbour. "The main lacuna in the last Chandrayaan-2 mission was that there were off-nominal conditions that were initiated in the system. Chandrayaan-3 is carrying six payloads to study the lunar soil and capture photographs of Earth from the lunar orbit. During its 14-day mission (one Lunar day) upon landing, Chandrayaan-3 will conduct a series of groundbreaking experiments using its payloads RAMBHA and ILSA. These experiments will study the moon's atmosphere and dig into the surface to better understand its mineral composition. Through this mission, India will not only access a wealth of knowledge about the lunar surface but also it's potential for human habitation in the future. Live streaming of Chandrayan-2 satellite launching was arranged by department of Physics and Electronics.

vi. Conclusion, with Feedback on the Programme.

Such program provides students with a sense of excitement and adventure, which can lead to increased motivation and engagement in learning. The communication and critical thinking power of students are enhanced.

vii. Any Appendix: List of Students

Date: 12.08.2023



Dr D. V. Rajee

HOD

Department of Physics & Electronics
Rajarshi Shahu Mahavidyalaya, Latur
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Dr. M. H Gayhane

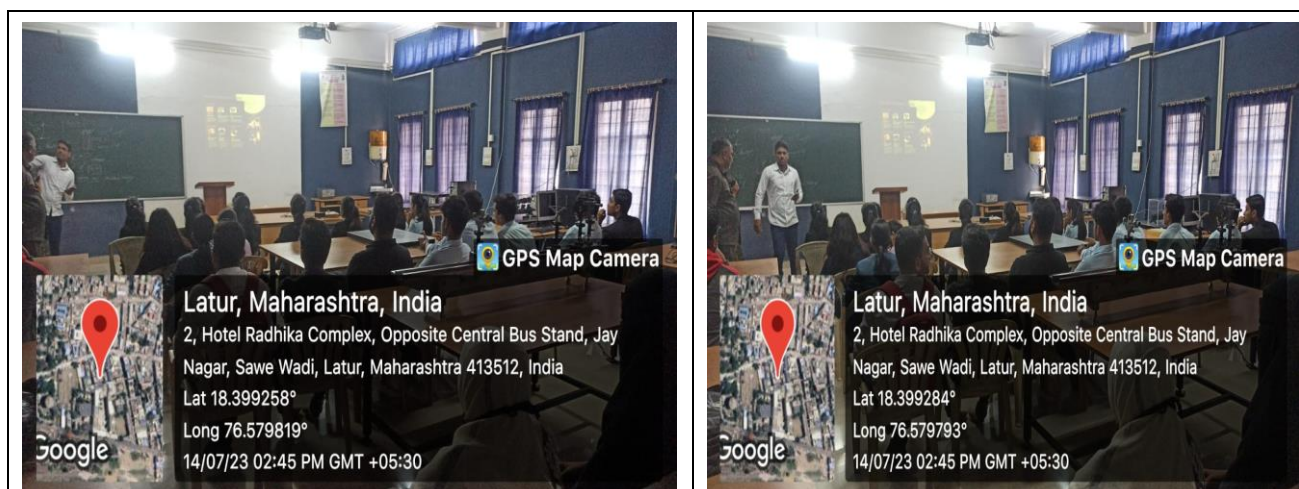
Principal

PRINCIPAL

Rajarshi Shahu Mahavidyalaya, Latur
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C) Geotagged Photographs:



At Photonics Lab for Satellite Launching

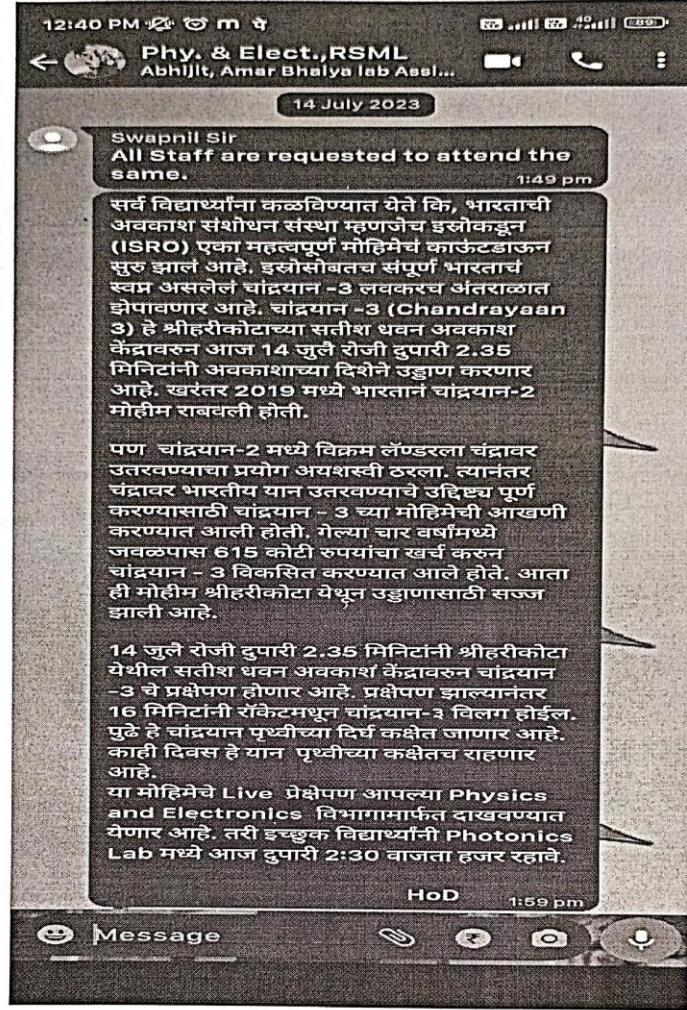
Students were actively participating



Live Streaming of LVM3-M4/Chandrayan-3 Mission

D) Link of Video of the programme if any: Not available

e) Any Other Publicity Material: Notice to the students




Date: 12.08.2023



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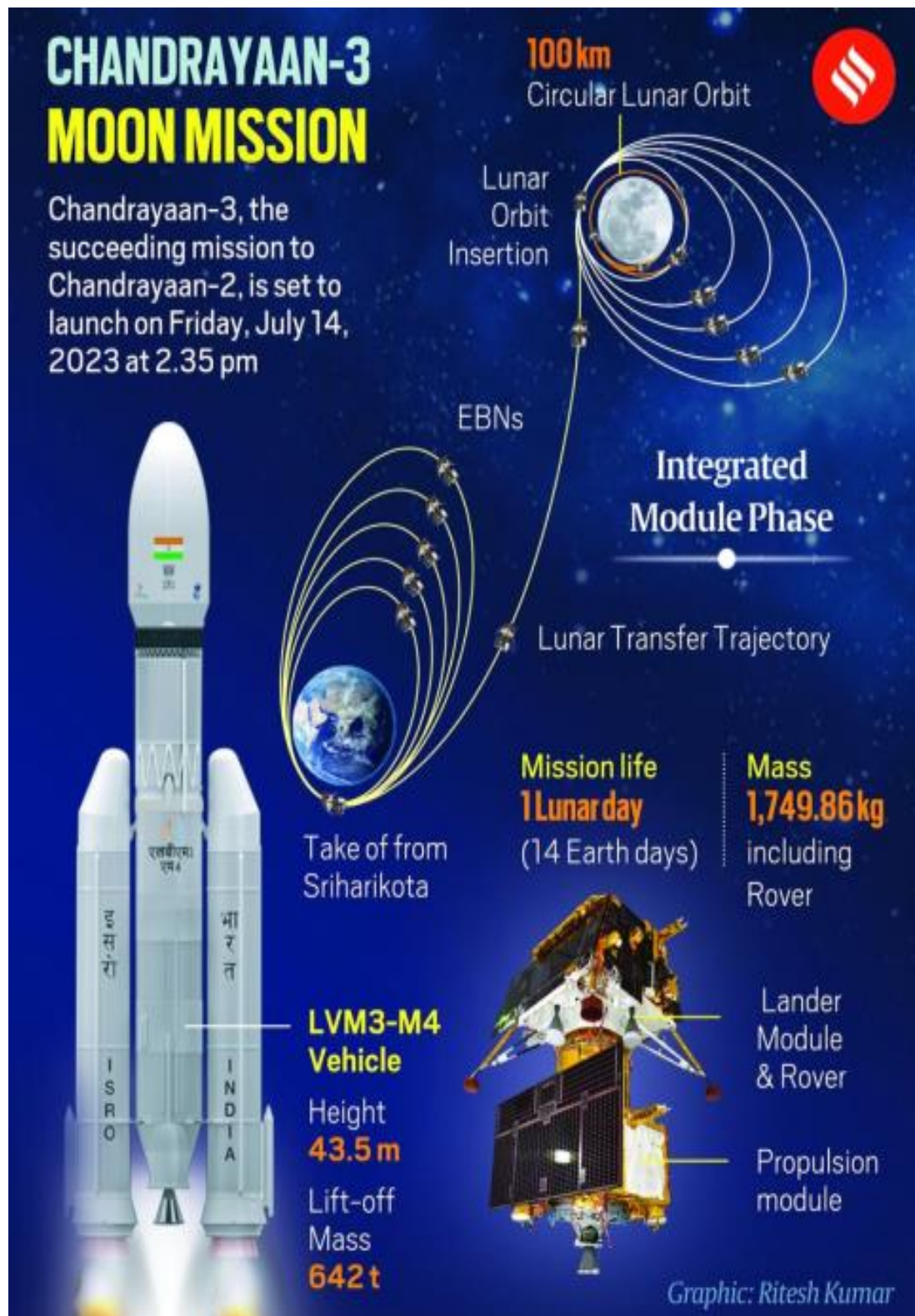
Dr. M. H. Gayhane

Principal

PRINCIPAL

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F) Copies of Brochure Prepared for the Programme:



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Showing Live Streaming of LVM3-M4 / Chandrayaan-3 Mission

Date: 14.07.2023

Attendance Sheet

Sr. No	Name	Designation	Gender	Signature
1	Khape Vaishnavi S.	Student	Female	Vaishnavi
2	Dhole Vaishnavi G.	student	Female	Vaishnavi
3	Gavkore Shruhi A	student	Female	Shruhi
4	Shelke Nikita V.	student	Female	Nikita
5	Omkar Ambore	Student	Male	Omkar
6	Kamble Nagesh D	student	Male	Nagesh
7	Jadhav Trupti D.	student	female	Trupti
8	Autade Pratiksha H.	student	Female	Pratiksha
9	Shrikrishna Panchaj	Faculty	Male	Shrikrishna
10	Mungale Akshay Kishanrao	-11-	-11-	Akshay
11	Gholap Rohan Shankar	student	Male	Rohan
12	Tinuke Vishnu Dnyanesh	student	Male	Vishnu
13	Bandle Ganesha	Student	male	Ganesha
14	Khan Haris Jalishan	Student	male	Haris
15	ATHARV YOGESH SURVASE	STUDENT	male	Atharv
16	Amardeep Satish Markale	Student	Male	Amardeep
17	Rushikesh Satyawar Bur	Student	Male	Rushikesh
18	Shaikh Sanam Siraj	student	female	Sanam
19	Dhase Shradha R	Student	female	Shradha
20	Narande Hishwari	Student	Female	Hishwari
21	Jadhav Chhaya Vishwanath	-11-	-11-	Chhaya
22	Wangwad Trupti R.	-11-	-11-	Trupti
23	Gadegaon Dnyanda Goroba	-11-	-11-	Dnyanda
24	Patil Vishakha B.	Faculty	female	Vishakha
25	Hawaldar Mayuri Venkat	Faculty	female	Mayuri
26	Mare Atul Sheshnarao	-11-	male	Atul

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