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SARALA BIRLA UNIVERSITY, RANCHI (IC202428412)
EXPERT TALK ON “SAFE LANDING OF CHANDRAYAAN 3

OVERVIEW

Objective:	Benefit in terms of learning/Skill/Knowledge obtained:
Knowledge about space projects of ISRO.	Exposure to process of space projects.
Academic Year:	Program driven by:
2024-25	Self-driven Activity
Month:	Program /Activity Name:
	Expert talk on “Safe Landing of Chandrayaan 3
Program Type:	Other:
Level 1 - Expert Talk	null
Program Theme:	Other:

Innovation & Design Thinking	NA
Date & Duration (Days):	External Participants, If any:
05/02/2025-05/02/2025-0	null
Student Participants:	Faculty Participants:
0	20
Expenditure Amount, If any:	Remark:
null	null
ATTACHMENTS	
Video:	null
Photograph1:	
Photograph2:	
Session plan, If any:	View Report
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(DETAILS OF ACTIVITY)

Expert talk on “Safe Landing of Chandrayaan 3”

“ISRO is steadily advancing in its space programs, and along the way, we have learned valuable lessons from past mistakes,” said by renowned Scientist and Professor, Dr Radhakant Padhi, Department of Aerospace Engineering, Indian Institute of Science (IISc), Bangalore. He delivered the keynote address on the topic ‘Safe Landing of Chandrayaan-3’.

In his address, Prof. Padhi provided an in-depth insight into various Indian space missions and shared his perspective on ISRO’s ongoing efforts in rocket recovery.

He elaborated on how the Chandrayaan-2 failure was analyzed and addressed by IISc Bangalore, explaining the crucial role of software algorithms in ensuring precise landings and optimizing fuel usage. He also discussed the concepts of rough braking and fine braking techniques employed on the lunar surface.

On this occasion, the Hon’ble Director General of the University, Prof. Gopal Pathak, offered a brief overview of IISc Bangalore and ISRO, and expressed his gratitude to Prof. Padhi for delivering the Expert Talk. The Hon’ble Vice Chancellor, Prof. C. Jeganathan, spoke about optimization technology and highlighted its significance in space missions.

The event was moderated by Dr. Nitya Garg, with a large number of university faculty members in attendance. The Hon’ble Pro-Chancellor, Mr. Bijay Kumar Dalan, and Hon’ble MP (Rajya Sabha), Dr. Pradip Kumar Varma expressed their appreciation for the successful organization of the Expert Talk.



Dr.Sandeep Kumar
(President IIC, SBU Ranchi)