



**Research and Development Cell**  
**(Under the aegis of IQAC and in line with UGC Guidelines 2022)**  
**BANWARILAL BHALOTIA COLLEGE ASANSOL-713303**

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**Brief Report on “National Science Day Celebration by the  
department of Physics”**

**Held on: 28<sup>th</sup> February, 2024**

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The Department of Physics, in association with the Department of Mathematics and Internal Quality Assurance Cell, Banwarilal Bhalotia College, Asansol-713303, organised series of lectures and presentations to celebrate National Science Day on 28<sup>th</sup> February, 2024 from 10am onwards.

**We invited Dr. Tamal Basak, Assistant Professor II, Indian Centre for Space Physics and Dr. Devendra Bish, Scientist C, Indian Centre for Space Physics to speak on Chandrayaan 3.**

Chandrayaan 3 is the third mission in the Chandrayaan programme, a series of lunar-exploration missions developed by the Indian Space Research Organisation (ISRO). The mission consists of a Vikram lunar lander and a Pragyan lunar rover was launched from Satish Dhawan Space Centre on 14 July 2023. The spacecraft entered lunar orbit on 5 August, and India became the first country to touch down near the lunar south pole, at 69°S, the southernmost lunar landing on 23 August 2023 at 18:04 IST (12:33 UTC), ISRO became the first agency to land on the south pole of the moon in its first attempt & overall the fourth space agency to successfully land on the Moon, after USSR, NASA and the CNSA .

**Abstract of the talk:**

***Chandrayaan-3: India hikes on the moon***

Chandrayaan-3, India’s third lunar exploration mission, was a resounding success. It was launched on July 14, 2023. The mission’s primary goal was to demonstrate a safe and soft landing on the lunar surface and to conduct in-situ scientific experiments. On August 23, 2023, Vikram successfully touched down near the Moon’s south pole, making India the fourth country to achieve this feat. We discuss the mission’s success which marked a significant milestone for India’s space program and solidified its position as a global leader in lunar exploration.

## One page Flyer of the Seminar:



A miniature model of Chandrayaan 3 was built by the students under the supervision of Dr. Ambalika Biswas, Assistant professor Department of Physics and immense support from our honorable Principal Sir, Dr. Amitava Basu. The model was inaugurated by Dr. Basu, the speakers of the day and faculties of both the departments. It is preserved at the central library.

Followed by an inaugural program by the departmental students there were few student talks by the post graduate students of Physics. Post lunch the speakers delivered their talks and the program came to an end by a vote of thanks by Dr. Kajal Krishna Dey and Dr. Tapan Kumar Maji, HODs of the department of Physics and Mathematics.

**Here are a few photos of the seminar:**





