



Report on Educational Excursion to Science City



Centre of excellence, Govt. College Sanjauli organized an educational excursion to Science City Kapurthala under the DBT Star College Scheme on 22 Nov 2023 - 24 Nov 2023. Department of Physics, also participated with 43 physics students along with the faculty members. The primary objective was to enhance our understanding of science through interactive exhibits and demonstration. Prof. Bharti Bhagra, the College Principal, and Dr. Kirti Singha, the DBT Star College Scheme Coordinator extended their best wishes for a safe and productive journey to the students heading to the Science City. The science department faculty members who joined on the thrilling excursion included Professor Anuj Sharma from the Department of Physics, Professor Yogesh from the Department of Chemistry, Dr. Shaweta Sharma and Professor Sarla Thakur from the Department of Zoology, and Dr. Susheel Sharma and Dr. Shikha Chandel from the Department of Botany.



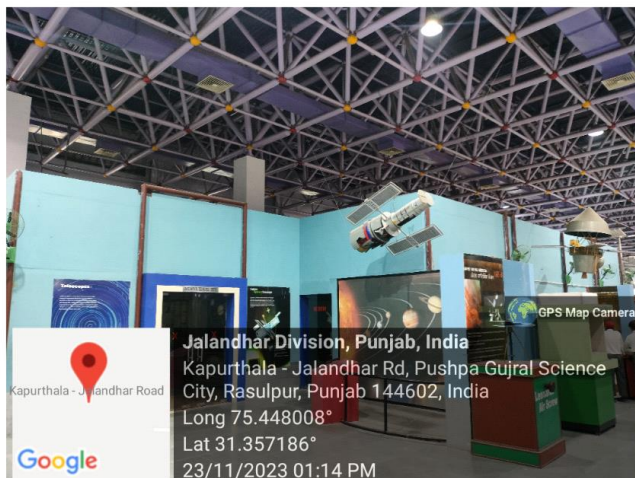
❖ Venue Overview



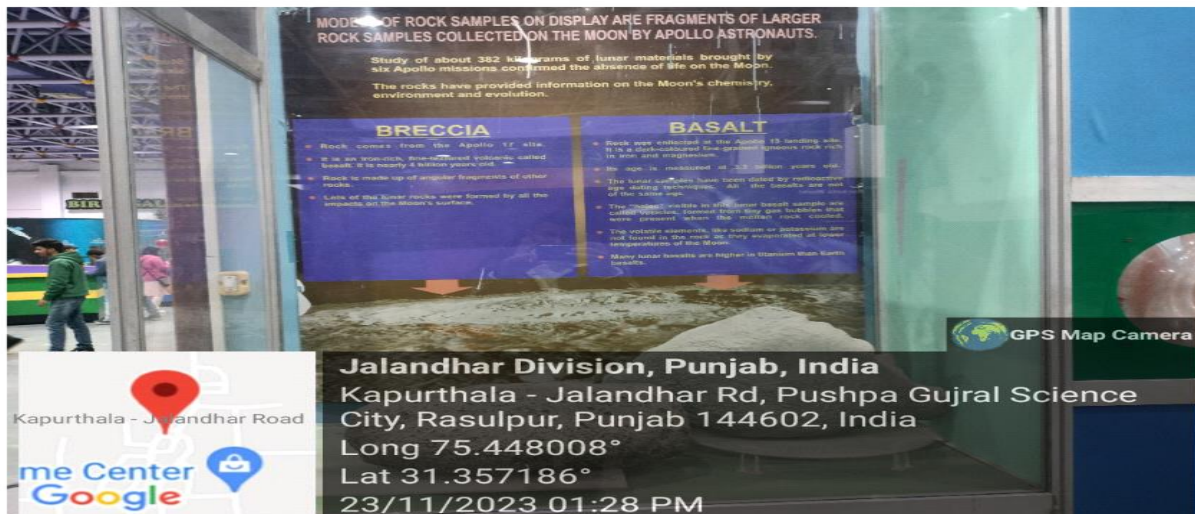


Science city, a hub for scientific exploration, captivated our attention with its myriad attractions. The highlight was the state-of-the-art 3D theater, where students were treated to an immersive cinematic experience, bringing complex physics concept to life.

❖ **Science Exhibitions:**



The trip included visits to various science exhibitions, showcasing cutting-edge technologies and innovations. These exhibits featured hands-on activities, models, and demonstrations, allowing students to interact with the principles they had studied in the classroom.



The above picture is the replica of the rocks samples of larger rock samples collected on the moon by Apollo astronauts.



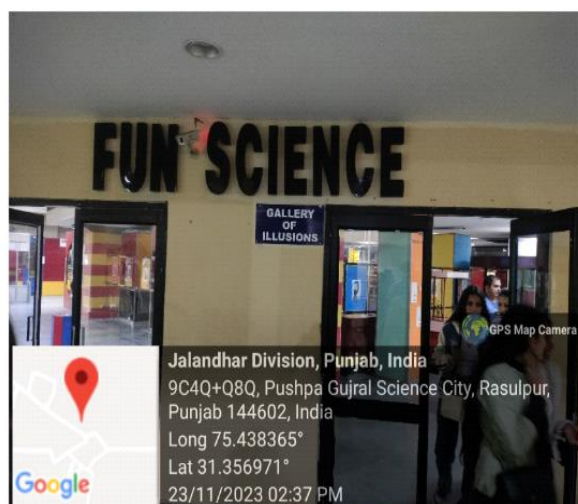
Apollo 15 is the 4th mission to land on the moon surface . It is the model demonstration of Apollo 15. Which helped students to understand the working of every part of Apollo 15 lander and rover.



Does height above sea level effect weight of objects? YES . The picture above illustrates the live effect of atmospheric pressure on different altitudes to students. It Features three rod of same weight, demonstrating how their apparent weights change from Himalaya to Kapurthala to Mumbai.

Students visited many more science exhibitions of science related to space, photoelectric effect, working of lenses and mirror and many more.

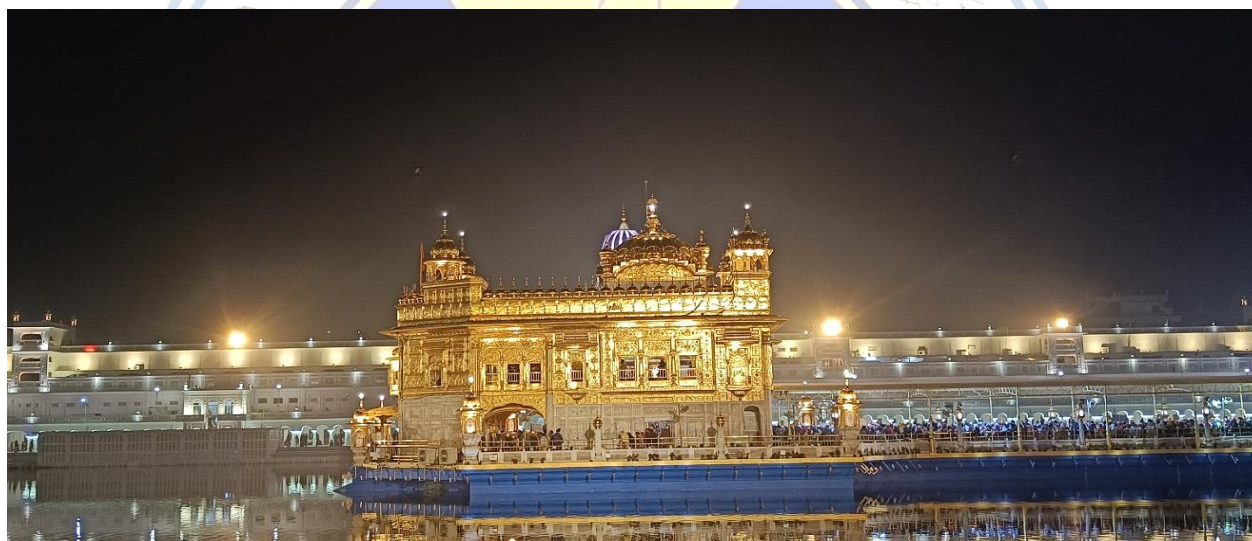
❖ Fun Science





After Science exhibition students visited Fun Science Segment in Science City, where they encounter a multitude of phenomena presented in a fun and engaging manner. From the fascinating photoelectric effect to the mesmerizing polarization of light, the exploration includes captivating exhibits on refractive index, Jacob Ladder, and many more intriguing concepts.

❖ Visit To Golden Temple



Our meticulously planned educational trip, commencing with the awe-inspiring Science City, took an enriching turn as we strategically included a visit to the sacred Golden Temple on our journey back. This fusion of scientific exploration and spiritual immersion created a unique and holistic experience for all participants.

As we explored the Golden Temple's intricate architecture and observed the rhythmic recitation of prayers, we delved into the cultural and spiritual heart of Sikhism. The spiritual ambiance provided a stark yet harmonious contrast to the intellectual stimulation of Science City. On November 24, 2023, at 7:30 am, our enchanting journey reached its pinnacle as we arrived in Shimla. With hearts full of joy and memories to cherish, our extraordinary trip came to a blissful conclusion.

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