

## Glimpses of activities held in August 2024

1. Club members attended a workshop on “GRID IN THE SKY: Celestial Coordinate System creating a Sky Map “on 2 August'24. The resource person Ms. Rishita explained them grid of latitude and longitude of the Earth and its importance in locating any place on Earth. The students learnt about the local co-ordinate system and equatorial system through a theoretical and practical session. Students constructed a sky map for both the hemispheres based on the understanding of the Celestial grid. It was a very interesting & thought-provoking session.
2. Club members attended a workshop on “Understanding Spectroscopy and Star Spectroscopy” on 8 August 2024, focusing on understanding the spectrum of light and its interaction with matter. Students learned how electromagnetic radiation, particularly the visible spectrum, reveals the properties of different materials. The workshop highlighted how variations in spectra correlate with changes in wavelength or frequency, enabling the identification of various substances. During the practical session, students were engaged in hands-on spectroscopy, reinforcing their understanding and application of the concepts.
3. Club members attended a workshop on “An Introduction to DSLR camera and Working of DSLR on 13th August'24. The resource person Ms. Sanjana explained them about the different parts of the DSLR camera and how to use it. In this session students learnt the fundamentals of photography, variable light photography, practical use of aspects like focal length, shutter speed. They also handled DSLR camera and clicked photographs using different camera settings and did light painting.
4. In celebration of India's first National Space Day on August 23, 2024, our school organized a series of activities from 14 August - 23 August 2024 to honor the successful Chandrayaan mission, which marked India as the first country to land near the moon' south pole.

