

Aryabhata Research Institute of Observational Sciences (ARIES), Nainital

Date: 11th March 2024

Location:

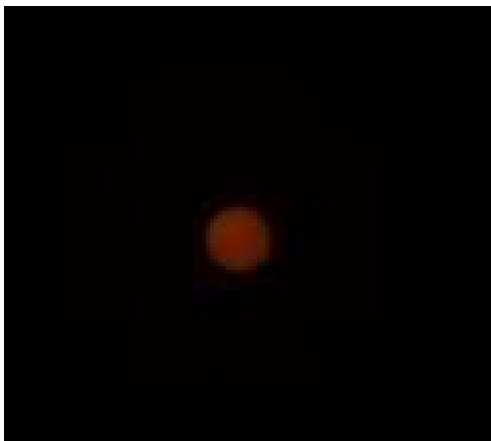
Introduction:

The third day of our educational tour led us to the Aryabhata Research Institute of Observational Sciences (ARIES) nestled in the picturesque town of Nainital. ARIES, renowned for its cutting-edge research in observational astronomy and astrophysics, promised an immersive stargazing experience under the pristine night sky.

Morning Visit:

Arrival and Accommodation: Following an overnight journey to Nainital, we arrived at the Rio Grand Hotel around 5:00 AM and quickly settled in before setting out for ARIES at 10:00 AM.

Sunspot Demonstration and Planetarium Show: Upon arrival at ARIES, we were greeted by enthusiastic project coordinators who commenced our visit with a captivating demonstration of sunspots using a 3-inch refracting telescope. Following this, a thought-provoking planetarium show shed light on the detrimental effects of light pollution, emphasizing the importance of preserving dark skies.



Sampurnanand Telescope Tour: The highlight of our morning was the tour of the renowned 105 cm Sampurnanand Telescope. Led by Dr. _____, a distinguished astronomer at ARIES, students were treated to a detailed explanation of the telescope's mechanisms and scientific significance.



Observation Session: After the tour, we had the privilege of observing celestial wonders through the Sampurnanand Telescope. Dr. _____ and his team guided us through the observation session, allowing us to marvel at distant galaxies, nebulae, and supernovae.

Group Photo and Interactive Session: A group photo was taken to commemorate our visit, followed by an engaging interactive session at the auditorium where students posed questions and engaged in discussions about astronomical phenomena.

Evening Stargazing Session:

Return to ARIES: As dusk descended, we returned to ARIES for a magical stargazing session. Equipped with refracting telescopes, we ventured into the open air to explore the wonders of the night sky.



Constellation Identification: Under the guidance of expert astronomers, we learned to identify prominent constellations such as Orion, Ursa Major, and Cassiopeia. Students were fascinated by the stories and mythology associated with these celestial patterns, deepening their appreciation for the night sky.



Observation of Jupiter: The highlight of the evening was the observation of Jupiter, the largest planet in our solar system. Through the telescope's lens, students witnessed Jupiter's distinct cloud bands and Galilean moons, experiencing firsthand the awe-inspiring beauty of our cosmic neighbors.

Conclusion:

Our visit to ARIES concluded with a profound appreciation for the wonders of the universe. The stargazing session provided a transformative experience, allowing us to connect with the cosmos in a meaningful way. We extend our heartfelt gratitude to Dr. _____ and the dedicated team at ARIES for their expertise and hospitality, making our stargazing adventure a highlight of our college tour.

List of Participants

The list of students (14 Boys & 18 Girls) and assigned teachers (3 Gents+ 1 Attendant & 3 Lady teachers) making total 39 persons.

Nainital Trip 9-13 Mar 2024

Sr. No.	Name of Student	Gender	Year
1	Prerna Ambade	Female	M.Sc. II
2	Rahul Khangar	Male	M.Sc. II
3	Vedant Maske	Male	M.Sc. II
4	Yash Chaube	Male	M.Sc. II
5	Samiksha Bhusari	Female	M.Sc. II
6	Nakul Deogade	Male	M.Sc. I
7	Shraddha Raut	Female	M.Sc. I
8	Gargi Popere	Female	B.Sc.III
9	Gauri Doifode	Female	B.Sc.III
10	Mohit Bhakte	Male	B.Sc.III
11	Samiksha Radke	Female	B.Sc.III
12	Shreevasta Pitale	Male	B.Sc.III
13	Tanmay Karanjekar	Male	B.Sc.III
14	Vaishnavi Dabare	Female	B.Sc.III
15	Aishwarya Mendwade	Female	B.Sc.II
16	Anushka Palandurkar	Female	B.Sc.II
17	Arya Wuikey	Female	B.Sc.II
18	Huzefa Arviwala	Male	B.Sc.II
19	Mayur Maskhare	Male	B.Sc II
20	Kshitij Gupta	Male	B.Sc.II
21	Mandar Sulakhe	Male	B.Sc.II
22	Mughdha Dakhole	Female	B.Sc.II
23	Poorva Adhau	Female	B.Sc.II
24	Rajvee Sontakke	Female	B.Sc.II
25	Soksham Dhok	Male	B.Sc.II
26	Tanu Tomar	Female	B.Sc.II
27	Vruddhi Niranjane	Female	B.Sc.II
28	Aayasha Jabeen	Female	B.Sc.I
29	Ananya Sulakhe	Female	B.Sc.I
30	Jatin Karde	Male	B.Sc.I
31	Reetika Uikey	Female	B.Sc.I
32	Yugansh Kanoje	Male	B.Sc.I
1	Mr. B. T. Kumbhare	Male	Assistant Professor
2	Dr. S. K. Sayyad	Female	Assistant Professor
3	Ms. C. P. Jatgade	Female	Assistant Professor
4	Ms. K. B. Jivanapurkar	Female	Assistant Professor
5	Mr. S. R. Daf	Male	Assistant Professor
6	Mr. S. S. Belkhude	Male	Assistant Professor
7	Mr Roshan Naik	Male	Assistant Professor