



THE BISHOP'S CO-ED SCHOOL, UNDRI

"Everything is theoretically impossible until it is done." **Report on IISER Campus visit**

The Bishop's Co-Ed School, Undri (Junior College) arranged a Campus Visit to IISER Pune on the 14th of September 2022, which is one of the seven Indian Institutes of Science Education and Research. This is one of the first centres of IISER to be established with IISER Kolkata.

Following a warm welcome by the faculty and a brief introduction, the students were taken to the New Lecture Hall for an interactive session.

A team from IIT Gandhinagar began the session with a brief introduction to Data Science, laying emphasis on how learning science can be fun. The team also staged demonstrations to enhance conceptual understanding of topics previously learned by the students.

This was followed by a presentation by the third-year students, Aditi Palo and Ruchir Sahni, based on their current HYDRAZOME project for the upcoming iGEM event in Paris. Their project focuses on overcoming the problem of waterlogging in an environment-friendly way. In a brief interaction with the team, the students got their doubts regarding various science-related career options, clarified.

The faculty of the IISER Pune Science Activity Centre presented a series of engaging demonstrations related to pressure, waveforms, harmonics and mechanics that captivated the students. Every demonstration illustrated in simple yet wonderful ways in which scientific concepts can be visualised and implemented. They provided enriching insights into fundamental concepts which the students had only read in textbooks so far. The students participated in the 'Levitating Pen' activity with enthusiasm.

Thereafter, the students were taken for a guided campus tour comprising of the main building and the Physics, Chemistry and Biology research laboratories. Detailed information about on-campus extracurricular activities and events was given.

The inspiring atmosphere of the campus, state-of-the-art equipment and myriad opportunities for research in different fields of basic sciences, opened new vistas of exciting careers for the students.

Students' Review

1. I marvelled at the campus and its facilities hence I envisage to pursue my further studies in this prestigious research centre. I extend my gratitude to the school authorities for giving us the opportunity to visit IISER.

[Giselle Soares XI Science]

2. I consider this visit to be a consequential one. A multitude of experiments paired with pragmatic methods of demonstration was truly enthralling.

[Omar Khan XI Science]

3. It was indeed an enriching experience. The visit helped us to gain a clear prospective of the career opportunities. Experiments were performed by teachers which encouraged our curiosity and exploration of the scientific concepts further.

[Shreya Rameshwar XII Science]

4. The experiments conducted by teachers provided important insights into day-to-day application of concepts. I am grateful to the school authorities for the opportunity.

[Navya Sharma XI Science]

5. The trip to IISER was akin to scientific discovery. Every experiment was explicated in an immensely lucid manner which not only helped us understand science but also admire it.

[Ishaan Deshmukh XI Science]



Mrs. Kanchan Pariyani

INTERACTIVE SESSION IN THE NEW LECTURE HALL



LEVITATING PEN EXPERIMENT & HYDRAZOME



IISER SCIENCE ACTIVITY CENTRE



CAMPUS VISIT

