

One-Day Visit to Inter-University Accelerator Centre, New Delhi
on
National Science Day
organized by
Department of Physics
Shyam Lal College

On the occasion of National Science Day, Department of Physics, Shyam Lal College organized a one-day visit to the **Inter-University Accelerator Centre (IUAC)** in Delhi on **28-02-2025**. A group of 10 students and three faculty members from Department of Physics participated in this visit.



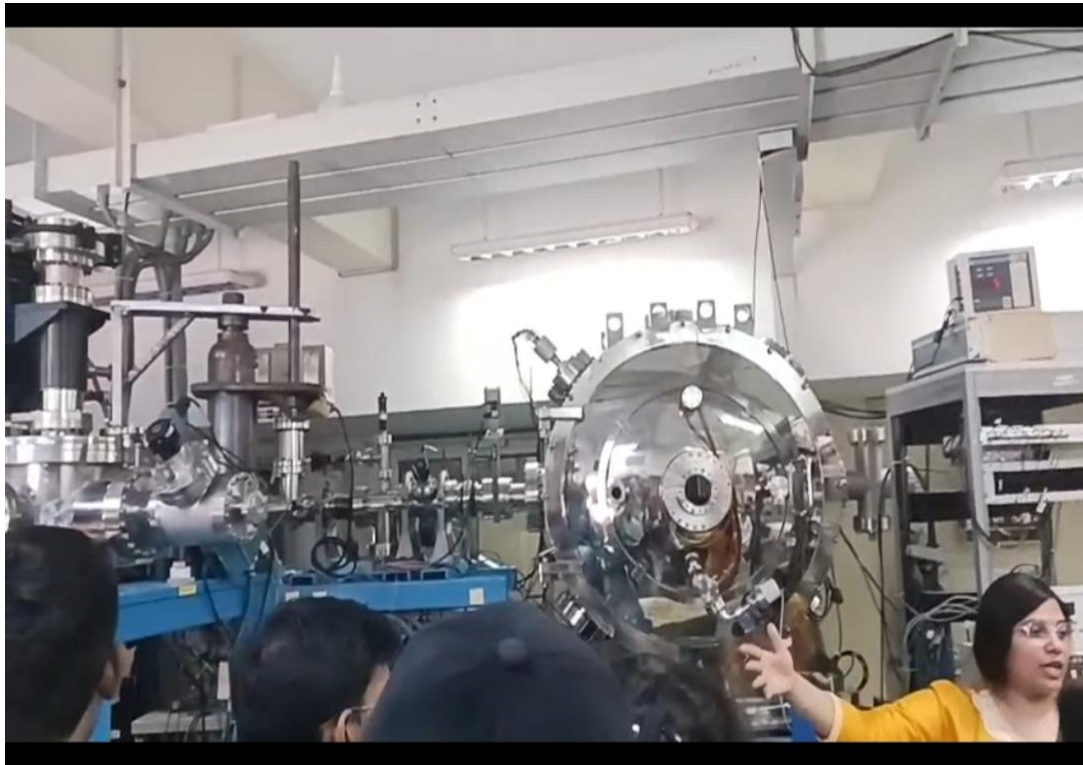
Activities

During our visit, we participated in the following activities:

1. **Guided tour:** We were given a guided tour of the IUAC facility, which included a visit to the accelerator laboratory and the beam hall.
2. **Interaction with scientists:** We interacted with scientists and researchers at IUAC, who shared their experiences and knowledge about accelerator physics and its applications.

3. **Experimental setup demonstration:** We witnessed demonstrations of experimental setups used in nuclear physics and materials science research.

4. **Science popularization:** We participated in a science popularization session, where we learned about the importance of accelerator technology in advancing scientific knowledge.



Observations and Learnings

During our visit, we observed the following:

- 1. State-of-the-art facilities:** IUAC has state-of-the-art facilities for accelerator-based research, including the 15UD Pelletron accelerator.
- 2. Research applications:** We learned about the various applications of accelerator technology in fields such as nuclear physics, materials science, and biomedical research.
- 3. Scientific research:** We gained insights into the scientific research being conducted at IUAC and the importance of accelerators in advancing our understanding of the physical world.

Conclusion

The visit to IUAC on National Science Day was a great learning experience for our students and faculty. We gained insights into the world of accelerator physics and its applications, and were inspired by the scientific research being conducted at IUAC.

Recommendations

Based on our experience, we recommend that our college organize more visits to research institutions and universities to promote science and scientific research among students.

Acknowledgments

We would like to thank the IUAC staff for their hospitality and support during our visit. We would also like to thank our **Principal Prof. Rabi Narayan Kar** for supporting this initiative.

List of Participants

1. Mr. Ravinder Kumar, Teacher In-Charge
2. Dr. Sunny Aggarwal, Faculty
3. Mr. Raju Ram Meena, Faculty
4. Mr. Manas Kandwal, Student
5. Mr. Aditya Soti
6. Mr Chetan Sharma, Student
7. Mr. Ganesh Kumar, Student
8. Ms. Mantasha Hasan, Student
9. Mr. Anshuman Mishra, student
10. Mr. Rituparn Mishra, Student
11. Mr. Priyanshu Kumar, Student
12. Mr. Deepanshu, Student
13. Ms. Disha Sharma