

# Department of Chemistry

## (Annual Report 2023-224)

The Department of Chemistry at our institution, established in 2012 following the initiation of the physical science department, plays a crucial role in providing educational knowledge and nurturing students' personalities through various engagement activities. These activities aim to not only enhance students' interest in the chemistry Discipline but also increase their scientific behaviour and overall development. The initiatives undertaken by the department during the session 2023-24 had significant importance and are given below:

1. The one-day workshop was held in collaboration with the Department of Physics, on 7th October 2023, with the participation of 31 students, focusing on 'ISRO's contribution to space science'. This workshop provided insights into cutting-edge research and developments in the field of space science.
2. The industrial visit on 28th November 2023 to 'Haryana Leather Chemical Ltd Jind' offered students a practical understanding of chemical processes and their applications in industries. Such visits are essential in bridging the gap between theoretical knowledge and real-world practices. A total of 22 students visited the site.
3. The extension lecture on 'How to crack NET/JRF examination' conducted on 7th December 2023 played a crucial role in guiding and motivating students towards pursuing higher education and research opportunities. Almost 60 students benefitted from this extension lecture.
4. The Department of Chemistry also Organised an extension lecture in collaboration with the Physics Department on the topic of '5G' on 9th December 2023, with the participation of almost 60 students, served to broaden students' understanding of emerging technologies and their interdisciplinary applications.
5. The door-to-door campaign on 'Dengue Awareness' conducted on 9th February 2024 not only raised awareness about a pressing public health issue but also instilled a sense of social responsibility among students. 19 students Participated in this community-oriented activity.
6. A one-day online workshop was organised with the collaboration of the Department of Physics, entitled 'Research Methodology' on 29th February 2024 equipped students with essential research skills and methodologies, laying a strong foundation for their future academic and professional endeavours. A total of 29 students participated in the workshop.

In conclusion, the initiatives undertaken by the Department of Chemistry during the session 2023-24 not only enriched students' academic experiences but also fostered holistic development by emphasizing practical learning, interdisciplinary collaboration, community engagement, and research proficiency.

**Report Submitted By:**  
**Mrs Kranti**