

Report

Educational Visit to SAIF, PU

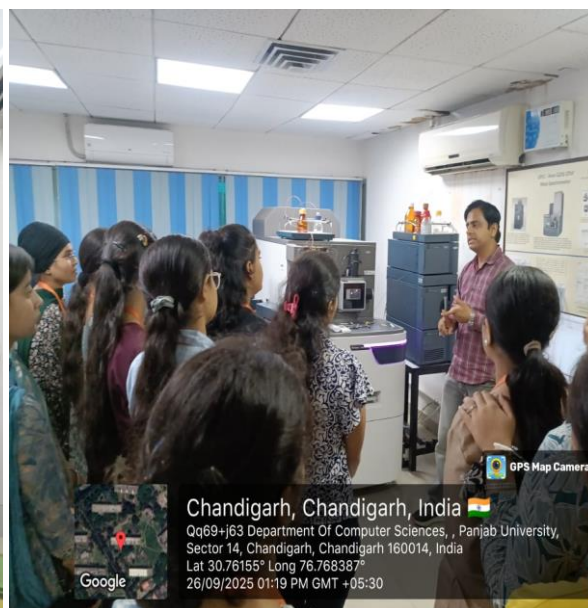
PG Department of Chemistry has organized an educational visit to SAIF, PU under DBT Star Status on 26 September 2025. The primary objective of the visit was to provide students with a comprehensive understanding of characterization techniques, specifically NMR (Nuclear Magnetic Resonance) and LCMS (Liquid Chromatography-Mass Spectrometry). In the NMR lab, students were introduced to the fundamental principles of NMR spectroscopy and its significance in determining the structure of molecules by demonstrating the working of instrument. Students were captivated by NMR technique to provide detailed information about molecular structures, which is crucial in understanding the properties and behavior of molecules. The LCMS lab visit was equally informative, as students gained a thorough understanding of the principles and applications of LCMS in analytical chemistry. They learned about the instrumentation, working, and significance of LCMS. The students experienced the hands-on exposure to NMR and LCMS instruments, which helped them to understand the practical aspects of the techniques. The visit was highly beneficial for the students, as it bridged the gap between theoretical knowledge and practical experience. Overall, the educational visit to SAIF PU's NMR and LCMS labs was a resounding success, providing students with a valuable learning experience that will undoubtedly benefit them in their future academic and professional pursuits.

Glimpses of Visit





Left: Students in NMR Lab



Right: Students in LCMS Lab