

## SCHOOL OF PHARMACY

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### Report on

### VISIT TO IICT & CCMB

On September 26, 2023, IV-year students embarked on a visit to two prestigious research institutions, the Indian Institute of Chemical Technology (IICT) and the Centre for Cellular and Molecular Biology (CCMB). The primary objective of the visit was to gain insights into the ongoing research activities, methodologies, and instruments utilized by scientists at these renowned institutions.

#### Visit to IICT:

At IICT, students were warmly welcomed and introduced to various research departments. Scientists elaborated on their research projects, providing detailed explanations of the methodologies employed and the significance of their work. Students were particularly intrigued by the diverse range of research areas, including organic synthesis, catalysis, and drug discovery.

Furthermore, students were given a tour of the laboratories where they witnessed firsthand the state-of-the-art instruments and equipment utilized in research experiments. Scientists patiently demonstrated the operation of various instruments, such as spectrophotometers, chromatography systems, and nuclear magnetic resonance (NMR) spectrometers, elucidating their role in experimental procedures.

#### Visit to CCMB:

Subsequently, students proceeded to CCMB, coinciding with an open-day event that attracted numerous college students eager to explore the research center's activities. At CCMB, students had the opportunity to interact with leading scientists and researchers, who enthusiastically shared insights into the center's cutting-edge research in cellular and molecular biology.

During interactive sessions, scientists elucidated their research methodologies, experimental designs, and the innovative techniques employed in unraveling biological mysteries. Students gained valuable knowledge about techniques such as DNA sequencing, gene editing, and cell culture methodologies.

#### Key Learnings:

**Research Methodologies:** Students gained insights into the diverse research methodologies employed in chemical technology and molecular biology.

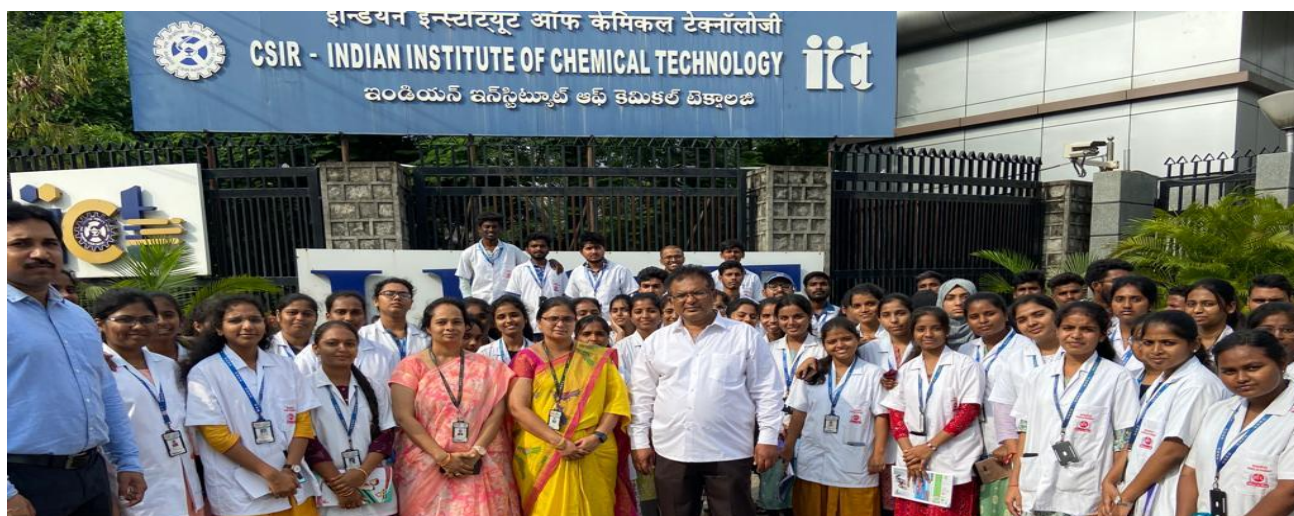
**Instrumentation:** The visit provided students with exposure to advanced laboratory instrumentation utilized in research experiments, enhancing their understanding of scientific instrumentation.

Interdisciplinary Collaboration: Students learned about the interdisciplinary nature of research, witnessing collaborations between chemists, biologists, and other scientific disciplines.

Conclusion:

The visit to IICT and CCMB proved to be an enriching and educational experience for IV Year students. The opportunity to interact with scientists, observe research facilities, and gain insights into ongoing research projects broadened students' perspectives and inspired their interest in pursuing careers in scientific research.

We extend our gratitude to the faculty and staff of IICT and CCMB for their hospitality and invaluable contributions to making this visit a success.



**Faculty, and Students of B. Pharmacy IV year (90) have participated in the program**

  
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