

# **VISIT TO IIIMS, CANAL ROAD**

Striving to integrate the UN's Sustainability Goals focusing on Quality Education, students of Class X of APS Jammu Cantt , accompanied by their teacher, Ms Tamandeep Kour, visited the Indian Institute of Integrative Medicine and Sciences (IIIMS), Canal Road on 26 September, 2024. The visit provided a valuable educational experience, giving the students a glimpse into cutting-edge scientific research and laboratory work.

Upon their arrival, the students were warmly welcomed by the institute's researchers, who gave them an overview of various laboratories. The tour began with the Medicinal Chemistry Lab, where students learned about the organic synthesis of drugs, including the chemical structure and preparation of various medicines. Next, they visited the Microbiology Lab, where researchers explained the study of microorganisms, their role in health and disease, and how microbiological research helps in the discovery of new drugs.

In the Plant Physiology and Biochemistry Lab, students gained insights into the biochemical processes in plants and how these can be harnessed for medicinal purposes. They also toured the Plant Tissue Culture Lab, where they observed techniques for growing plant cells in controlled environments for research and pharmaceutical applications.

The students were particularly fascinated by the briefing on Cancer Pharmacology, where the researchers explained drug development for cancer treatments, focusing on the different phases of drug trials and the critical role of pharmacology in finding new cancer therapies.

The visit concluded with an interactive session, where students asked questions about the institute's functions, the stages of drug trials, and the use of instruments in drug research and development. This hands-on experience provided the students with valuable insights into the world of scientific research, leaving them inspired and more aware of the role of science in medicine.

