

## Laboratories

Department of Pharmaceutical Sciences has well established state-of-art laboratories with modern instruments which give hands-on experience to the students in the pharmaceutical field. The department possesses excellent laboratories as per the guidelines of PCI (Pharmacy Council of India) All the laboratories are equipped with essential requirements,

### Pharmaceutics Lab

These laboratories provide knowledge about the manufacturing of pharmaceutical preparations and help in training the students in drug formulations like tablets, capsules, parenterals, ointments, creams, eye drops, syrups, drug interaction, stability, shelf-life studies, etc. Different aspects of filling, packing, sealing, and labelling are studied by the students.



### Pharmaceutical Chemistry Lab

This lab deals testing and identification of various chemicals and drugs; synthesis and purification of chemical compounds; identification of medicinally active compounds.



## Pharmaceutical Analysis Lab

This laboratory uses modern equipment for identification and qualification of chemical compounds using analytical methods. This is suitable for analysis, quality assessment and quality control studies of drugs on finished products.



## Human Anatomy & Physiology Lab

This lab provides the understanding of different systems of Human Anatomy, Physiology & Pathology with tools like computer software, models, charts, permanent slides, bones, skeletons, diagnostic kits etc.



## Pharmaceutical Microbiology Lab

This lab with its attached aseptic room as per GLP guidelines is suitable for preparation and sterilization of culture media both for static and broth cultures. It is also used for staining and identification of bacteria and fungi. The lab is suitable for the evaluation of antiseptics and disinfectants, for the determination of phenol coefficient, microbial assay of vitamins, antibiotics, etc.



## Pharmacology Lab

This lab gives the exposure to students to handle animals and learn the pharmacokinetic and pharmacodynamics principles. This lab provides the knowledge of general pharmacology, drug dose, mechanism of action of drugs, screening of drugs, etc. This lab is equipped with computer software for the basic demonstration of pharmacology experiments



## Machine Room

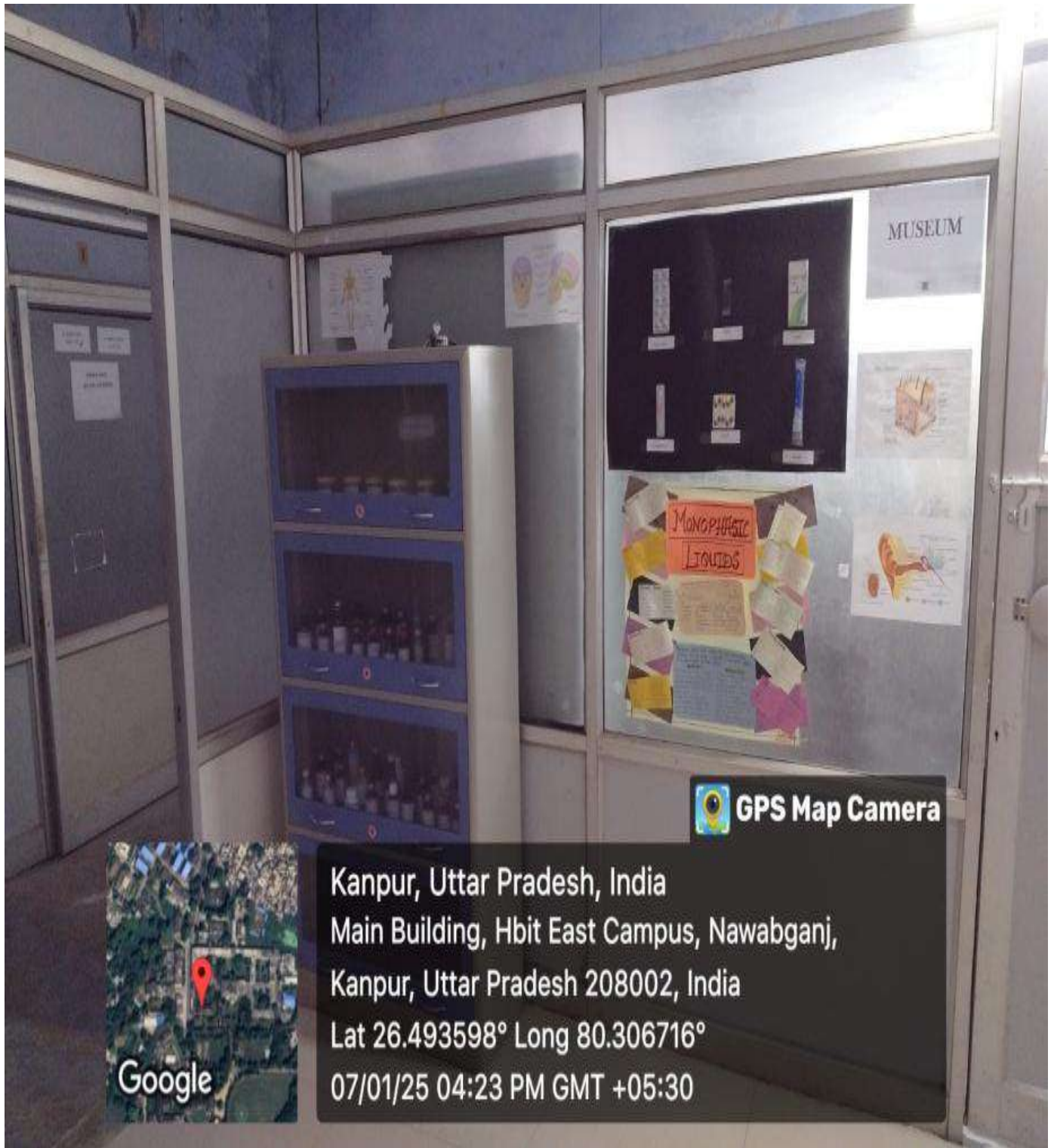
Equipped with the modern equipments and instruments related to the production and in house quality control of different dosage forms like tablets, capsules, liquids and injectables.

## Computer Lab

This lab has high end configuration computers outfitted with advanced software and broadband internet connectivity. The laboratory is meant for learning and conducting practical as per the syllabus. The internet facility is available for students in computer lab where they can surf the internet to gather unlimited information and increase their knowledge.



## Museum



Kanpur, Uttar Pradesh, India  
Main Building, Hbit East Campus, Nawabganj,  
Kanpur, Uttar Pradesh 208002, India  
Lat 26.493598° Long 80.306716°  
07/01/25 04:23 PM GMT +05:30

## Apparatus

Disintegration apparatus



Dissolution Appartus



### Roche Friabilator



### Centrifuge machine



**Hot Air Oven**



**Laminar Air Flow**



### Autoclave



### Sieve Shaker Machine



## Freeze Dryer



## Bath Sonicator

