



**SARASWATHI VIDYA BHAVAN'S COLLEGE OF PHARMACY**

**LABORATORIES**



**Total no of labs: 15**

**labs for B.Pharm: 10**

Pharmaceutics: 2

Pharmaceutical chemistry: 1

Pharmacognosy: 1

Pharmaceutical  
Biotechnology/microbiology:1

Pharmacology:1

Pharmaceutical Analysis:1

Biochemistry: 1

Machine room: 1

Central instrumentation Lab:1

**2 Research lab**

**Computer Lab  
Language lab**

**Animal  
House**

# Pharmaceutics Laboratories

- These laboratories provide knowledge about the manufacturing of pharmaceutical preparations and help in training the students in drug formulations like tablets, capsules, parenteral, 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.



## **Location:**

Pharmaceutics Laboratory I & II

Wing: B wing

Floor: first floor

## List of Apparatus

- Monanto hardness tester
- Disintegration test apparatus
- Dissolution rate test apparatus
- Friabilater
- Collapsible tube filling equipment
- Triple beam balance
- Prescriptive balances
- Mortars and pestles
- Suppository moulds
- Ampoule filling and sealing device
- Sintered glass filters
- Ointment Slabs and Spatulas



# 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.
- All security measures have been put in place to assist in case of emergencies.



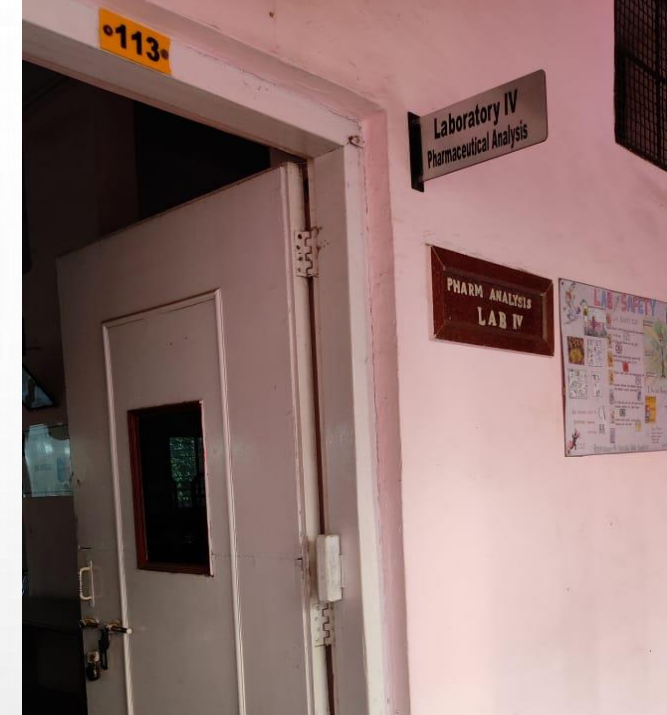
## Location

Laboratory III: Pharmaceutical Chemistry  
Wing: B wing  
Floor: first floor  
Next to Pharmaceutics laboratory II



# 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.



## Location

Laboratory IV: Pharmaceutical Analysis  
Wing: B wing  
Floor: first floor

# Pharmacognosy Lab

- This lab conducts isolation, separation, purification, identification and evaluation of phytoconstituents from medicinal plants.



## Location

Laboratory V: Pharmacognosy  
Wing: B wing  
Floor: first floor

# 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.



## **Location**

Laboratory VI: Pharmacology  
Wing: B wing  
Floor: Second floor



# Pharmaceutical Biotechnology & Microbiology

- 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.

# Biochemistry Lab

- This lab is meant for analysis of biological samples like urine, blood, sugars, amino acids, cholesterol, fats and other chemicals of biological importance

## Machine Room

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

# Central Instrumentation Lab

- This lab provides instrumentation facility for students and faculty for conducting analytical practical & research work. Interested researchers, faculty members, and students can avail the facility for their academic and research activities.
- Each instrument is operated through a sop and a log book for efficient functioning.

## Research Lab

- We at svbcp have research lab with modern instruments suitable for modern research. The upgraded facilities encourage the undergraduate students and research scholar to conduct quality research.

# 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.

## Language Lab

- This lab is an audio-visual installation used as an aid in modern language learning techniques. The language labs allow teachers to monitor, control, deliver, group, display, review and collect, audio, video and web based multimedia content. The student player is linked to the teacher console and can play audio, video and web based formats to make easy understanding of basic concepts