

# Laboratories

## ❖ **Pharmaceutics**



The Department of Pharmaceutics is well equipped with six laboratories consisting advanced rotary compression machine, Kawaka multipurpose equipment, dissolution apparatus etc. It has separate aseptic area with two laminar air flow cabinets. Department has organized three seminars sponsored by ICMR and University of Pune and published over 25 research papers in national and international journals in last academic year. Food and Drug testing laboratory, pilot plant will be scaled up. PG course in pharmaceutics will be start from next academic year.

## ❖ **Pharm Chemistry**



Department of Pharmaceutical and Medical Chemistry is having both UG and PG programme. It has strong research background, Drug discovery, Drug development. Department has conducted many national and international seminar and also involved in innovative research and collaboration with industries. Department has well equipped UG and PG lab which consist of

many sophisticated instrument Like HPLC, HPTLC, FTIR, UV etc. Department is involved in carrying out medicinal sample analysis received from hospitals and industries. In future department is going to be FDA approved drug testing laboratory and research center.

### ❖ Pharmacognosy



Pharmacognosy is the study of medicines derived from natural sources. It is the study of the physical, chemical, biochemical and biological properties of drugs, drug substances of natural origin as well as the search for new drugs from natural sources. Department of pharmacognosy is having UG and PG course. UG lab is well equipped with various equipment's and microscopes to conduct all the practicals. Department is having two well-equipped PG labs to carry out various research activities. Department is having more than 100 publications in various national and international journals. Department got funding from various agencies for conducting research work and seminars/Conferences.

### ❖ Pharmacology



Pharmacology Department is consisting of three well equipped spacious laboratories and a separate ultra-modern air conditioned animal house & registered as per norms of CPCSEA, New Delhi. Laboratories are well furnished along with sophisticated instruments like digital plethysmometer, polygraph, ECG machine, metabolic cages etc. All the necessary requirements like system charts, specimens, apparatus, microscope, study software's etc are available to the students. Departmental Library access is free to students all the time. Swine flu awareness campaign was successfully organized by department. Future plan is to develop community pharmacy center, drug information center and to start PG departmental. Department has conducted first "International Seminar" which was sponsored by BCUD, University of Pune.