

School of Chemical Sciences & Pharmacy

Department of Pharmacy

Programmes

1. ***M. Pharm.*** (Pharmaceutical & Medicinal Chemistry)
[Student Intake: 18 + 5 (sponsored seats)]
Duration: Four semesters (2 Years)
2. ***PhD***

Objectives of the program : The Department of Pharmacy aims to create strong foundation of the knowledge in Pharmaceutical and Medicinal Chemistry in the students for making them competent for the quality research both in the corporate world and in an academic environment. The department also aims at creating a centre of excellence in multidisciplinary research in the preclinical phase of drug discovery.

Major Equipments & facilities available:

The School of Chemical sciences and Pharmacy has well equipped laboratories for practical classes and also a number of the latest sophisticated instruments such as UV-Visible spectrophotometer, I. R., polarimeter, Table top NMR, GC, Atomic absorption spectrophotometer, Fluorescence Spectrophotometer, Schrodinger Molecular modelling Suite, Deep freezer, biosafety cabinet, HPLC, semi-preparative HPLC, microwave synthesizer etc. The process has been started to acquire GC-MS, 500 MHz NMR, and other advanced analytical instruments. The department will also have a well equipped modern animal house and other necessary facilities needed for the drug discovery research.



Guest & Invited Lectures:

- Prof. Evans Coutinho- Bombay College of Pharmacy, University of Mumbai
Topic: Rational Drug Design

Departmental Activities & achievements:

- Students participate in games, skits, events, seminars organized in University.
- Students also attend seminars and conferences organised outside the University.

Faculty:

Prof. M. L. Sharma, Professor and Head

Area of interest: Organic Synthesis

Dr. Vipin Kumar, Associate Professor

Area of interest: Computer Aided Drug Design, Design and synthesis of biologically active molecules.

Dr. Devesh Sawant, Assistant Professor

Area of interest: Drug Design against parasitic infections, Synthetic Organic Chemistry

Dr. Umesh Gupta, Assistant Professor

Area of interest: Pharmaceuticals, Macromolecular drug delivery and targeting, solubilization, nanotechnology in drug/gene delivery.

Dr. Ruchi Malik, Assistant Professor

Area of interest: Design, synthesis and biological evaluation of memory enhancing, antidiabetics, anticancer agents.

Dr. Kaisar Raza, Assistant Professor

Area of interest: Drug Delivery, Pharmaceuticals, Quality-by-Design, Pharmacokinetics, Pharmaceutical Nanotechnology

Dr. Sachin Suresh Narkhede, Assistant Professor

Area of Interest: Pharmaceutical & Medicinal Chemistry