

Department of Pharmaceutical Chemistry

Pharmaceutical Chemistry is branch of science concerned with the substances of which matter is composed, the investigation of their properties and reactions, and the use of such reaction to form new substances. The complex emotional or psychological interaction between people. Pharmaceutical Chemistry is central subject of Science. It is closely related to daily Life.

Department Staff:

| Sr. No. | Name | Qualification | Designation |
|---------|--------------------|---|---|
| 1. | Mr.A.M. Tamboli | M.Pharmacy (Pharmaceutical Chemistry) | Associate Prof. , HOD Pharmaceutical Chemistry |
| 2. | Dr.R.V Hirave | M.Pharmacy (Quality Assurance) | Associate Prof. |
| 3. | Mr.S.S Kale | M.Pharmacy (Pharmaceutical Chemistry) | Assistant Professor |
| 4 | Mr.N.M Mali | M.Pharmacy (Pharmaceutical Chemistry) | Assistant Professor |
| 5 | Mr.B.B Garande | M.Pharmacy (Pharmaceutical Chemistry) | Assistant Professor |
| 6 | Miss. P.M Adat | M.Pharmacy (Quality Assurance) | Assistant Professor |
| 7 | Miss.M.G Shinde | M.Pharmacy (Pharmaceutical Chemistry) | Assistant Professor |

Objective:

The student will learn the Laboratory Skills Needed to design, safely conduct and interpret Chemical research.

The student will acquire a foundation of chemistry of sufficient breadth to enable them to understand and critically interpret the primary chemical literature.

To make the department a thriving center of excellence in teaching, Curriculum development, Cutting-edge research and popularizing Chemistry.

| Sr. No. | List of Major Equipment |
|---------|-------------------------|
| 1 | HPLC Systronic |
| 2 | UV Schimatzu |
| 3 | Potentiometer |
| 4 | Conductometer |
| 5 | Refractometer |
| 6 | PH. Meter |
| 7 | Terbidometer |
| 8 | Flame Photometer |
| 9 | Colourimeter |
| 10 | Microwave |
| 11 | Hot air Oven |
| 12 | Mechanical Shaker |
| 13 | Magnetic Stirrer |
| 14 | Ione Exchanger |

Department Achievements:

Poster Presentation on Development and Validation of HPLC and UV Methods For the Simultaneous estimation of Racecadotril and Ofloxacin in bulk drugs and Marketed formulation at Avishkar competition organized by "Solapur University, Solapur." Dated 23-24th December 2018.

Ongoing Research Activities:

- Research on HPLC Method Development.
- Research on UV Method Development.
- Photochemical and Pharmacological study.
- HPTLC Method Development.
- Difference Spectroscopic Method Development.