

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 Professor
2.	Mr. S. S. Kale	M. Pharmacy (Pharmaceutical Chemistry)	Associate Professor
3.	Mr. B. B. Garande	M. Pharmacy (Pharmaceutical Chemistry)	Associate Professor
4.	Miss. S. M. Mali	M. Pharmacy (Quality Assurance)	Assistant Professor
5.	Miss. P. M. Adat	M. Pharmacy (Quality Assurance)	Assistant Professor
6.	Miss. Taralkar P.D.	M. Pharmacy (Quality Assurance)	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	Sr. No.	List of Major Equipment
1	Centrifuge	28	Distillation Unit Labline
2	Magnetic Stirrer with hot plate	29	Vacuum pump oil free
3	Oven 14x14x14	30	Mechanical stirrer
4	Melting point app.	31	Physical balance
5	Digital balance	32	Microwave oven lab tupe
6	Water Bath Thermostatic	33	Digital Balance Contech
7	Vaccum Pump	34	Digital Balance Citizen
8	Arsenic Limit Test App.	35	Polarimeter
9	Kipps Appt	36	Refractometer
10	Kipps Appt	77	Digital Balance
11	Water Deionizer 50 Ltr capacity	38	Digital Balance
12	Chemical Balance 200gm/0.1mg	39	Autoclave
13	Kipps Appt. plastic 1 Lit.	40	Digital Balance

14	Heating Mantle	41	Oven
15	Magnetic Stirrer	42	Colorimeter
16	Glass Distillation Unit (5 Liter)	43	PH meter
17	Arsenic Limit Test App.	44	Analytical Balances
18	Filtration Assembly	45	Physical Balances
19	Digital balance	46	Analytical Balances 200gm/0.1mg
20	Digital PH meter	47	Top loading analytical single pan balance 200gm/0.1mg
21	Hot air oven	48	Abb's Refractometer
22	Vacuum pump	49	Conductivity Meter
23	Hot Place	50	Oven
24	Oven M.S. Thermostatics Labline	51	Polarimeter
25	Vacuum Pump oil free labline	52	PH Meter
26	Mechanical Stirrer	53	Potential Meter
27	Distillation Unit Labline	54	Conductivity Meter

Department Achievements:

- Dr. M. G. Shinde was awarded with Ph. D. in 2019.
- Mr. Sunil More secured first rank and Mr. Amol Vhanmane secured second rank in DBATU in M. Pharm. examination 2018-19.
- More than 10 research and reviews articles were published in various National and International Pharmaceutical journals.
- Various research papers were presented in National and International Conferences.
- Winner in University level Avishkar Competition:- Miss. Mahadevi Bhosale bagged the first prize and Miss Snehal Patil bagged the second prize in PG level category in Medicine and Pharmacy discipline in university level Avishkar 2019-20.
- Winner in state level Avishkar Competition-: Miss Snehal Patil bagged the first prize in PG level category in Medicine and Pharmacy discipline in state level Avishkar 2019-20.
- Miss. Sandhyarani Gajare, Miss Smita Navale bagged the first prize in UG level poster presentation held in Sojar College of Pharmacy Barshi, Solapur 2019-20.
- Miss. Monali Kore and Miss. Shreya Gaikwad bagged the Second prize in UG level International conference held in Sangola College Sangola, Solapur 2019-20.
- Miss. Swati Mane and Miss. Agawane Swati got the 1st Prize in Inter College Level E-Poster Competition in A.Y. 2021-22.
- Miss. Kadav Shradha got 1st prize in National Level Poster Presentation organized by Ganpati Institute of Pharmacy, Akole, Tembhurani, Madha A.Y. 2021.
- Mr. Tamboli A.M. was grant Rs. 50,000 for training Under Pharmacy Council of India (PCI), New Delhi CBIT Scheme in Lupin Boisar Thane, Mumbai in A.Y. 21-22.

Ongoing Research Activities:

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