

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.	Dr. Ashpak M. Tamboli	M. Pharm., Ph. D.	HOD, Dept of Pharmaceutical chemistry Asso. Professor
2.	Mr. Sagar S. Kale	M. Pharm.	Asst. Professor
3.	Dr. Bharat B. Garande	M. Pharm., Ph. D.	Asst. Professor
4.	Dr. Sunayana A. Mali	M. Pharm., Ph. D.	Asst. Professor
5.	Miss. Seemarani M. Pawar	M. Pharm.	Asst. Professor
6.	Miss. Shital P. Gaikwad	M. Pharm.	Asst. Professor
7	Miss. Adat Priyanka Maruti	M. Pharm.	Asst. Professor
8	Mrs. Amruta S. Kale	M. Pharm.	Asst. Professor
9	Miss. Vaishnavi Chavan P.	M. Pharm.	Asst. Professor

Objectives:

- ❖ 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 Equipments	Sr. No.	List of Major Equipments
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 apparatus	31	Physical balance
5	Digital balance	32	Microwave oven lab tupe
6	Water Bath Thermostatic	33	Digital Balance Contech
7	Vacuum 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 Liter 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 lab line	52	PH Meter
26	Mechanical Stirrer	53	Potential Meter
27	Distillation Unit Labline	54	Conductivity Meter

Department Achievements:

- Prof. Monika Shinde was awarded with Ph. D. in Savitribai Phule Pune University, Pune in A.Y. 2019.
- Mr. Sunil More secured first rank and Mr. Amol Vhanmane secured second rank in DBATU in M. Pharm. examination 2018-19.
- Various 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 Ganapati Institute of Pharmacy, Akole, Tembhurani, Madha in A.Y. 2021.
- Mr. Ashpak M. Tamboli 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.
- Mr. Ashpak M. Tamboli got Puraskar for the outstanding achievement in education field organized by Namu Budha Tarun Mandal, Isbahavi, Pandharpur.
- Prof. Ashpak Tamboli was awarded with Ph. D. in the Shivaji University, Kolhapur in A.Y. 22-23.
- Dr. Ashpak M. Tamboli Working as Editor board Member For online publication of Vidyapharma: Peer Reviewed Journal for Pharmaceutical, Chemical Sciences and Ayurveda.
- Dr. Ashpak M. Tamboli Published two patents on Diplacol and derivatives for the treatment of Cancer and Irlone 4-O glycoside and derivatives for the treatment of Cancer.
- Dr. Ashpak M. Tamboli has published five books in different publications like Career Publication, Walnut publication, Ideal Publication and Pritam Publication.
- M. Pharm Second year student Miss. Sana Jamadar secured third rank in International Conference; International submit on future ready Pharmacy, Engineering and Management Science organized by Phadtare College of Pharmacy, Kalamb.
- Miss. Mahadevi Bhosale secured first rank & got Gold Medal in M. Pharm. Second Year Summer Examination 2020, DBATU, Lonere, Raigad.
- Prof. Sunayana Mali received Gaurav Puraskar by Hon. MLA Siddharam Mhetre Sir (Akkalkot Assembly Constituency) in 2022-23.
- Prof. Sagar Kale got the Academic Excellence Award 2022-23 by Institute of Scholars.

- Prof. Sunayana Mali was published “A Practical Book of Industrial Pharmacy-I” as per the PCI Regulation for B. Pharm. Third Year, Sem.- V by the Pritam Publication, Jalgaon ISBN No. 978-93-92159-00-8 in the A.Y.21-22.
- Prof. Bharat Garande was awarded with Ph.D. in IES University, Bhopal, Madhya Pradesh, India in A.Y. 2024-25.
- Prof. Sunayana Mali was awarded with Ph.D. in IES University, Bhopal, Madhya Pradesh, India in A.Y. 2024-25.
- Dr. Sunayana Mali were published various research articles in reputed pharmaceutical publications like Elsevier, Science Direct, Bentham Science etc with good impact factors.

Ongoing Research Activities:

- Research on HPLC Method Development.
- Research on UV Method Development.
- Phytochemical and Pharmacological study.
- HPTLC Method Development.
- Difference Spectroscopic Method Development.
- Research based on green Chemistry


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