

Name- Dr. Pavankumar D. Chopade

Educational Qualification- M. Pharm, Ph. D (Pharm.Chem).

Post- Assistant Professor, Department of Pharmaceutical Chemistry.

Work Experience- Teaching: 17 Years

Email- chopadepavan@gmail.com

Area of Specialization- Pharmaceutical Chemistry

Subjects taught- Pharmaceutical organic chemistry-I, Pharmaceutical organic chemistry-II, Pharmaceutical organic chemistry-III, Medicinal Chemistry-I, Medicinal Chemistry-II, Pharmaceutical Inorganic chemistry-II, Pharmaceutical Analysis-II, Biochemistry, Pharmaceutical chemistry-I, Pharmaceutical chemistry-II, Pharmaceutical chemistry-III.

Approval - Mumbai University Approval in Pharmaceutical chemistry subject and PG Guide approval for M. Pharmacy in Pharm Quality Assurance Subject.

Awards, Credentials, Professional affiliations

- Registered with Maharashtra State Pharmacy Council.
- Life member of APTI (Association Of pharmaceutical Teachers of India).
- Approved Teacher of the University of Mumbai for the B.Pharm Degree in Pharmaceutical chemistry and for M. Pharm Degree in Quality Assurance.
- Appointed as Theory Evaluator/Moderator, Practical Examiner and Theory Paper setter for University of Mumbai Examinations.

Committee in Charge

- Working as M. Pharm Coordinator for the M Pharmacy course.
- Previously worked as an Academic In charge and Exam Incharge.
- Worked as In charge for portal of PCI, AICTE, AISHE.
- Appointed as PCI Inspector.
- Worked in NAAC/QCI like committees.

No. of papers published

National: 17

International: 07

No. of presentations

National: -Poster presentation: 5

International: 3

Projects carried out

1. Design, regioselective synthesis and biological evaluation of 1,4-disubstituted 1,2,3-triazoles as an anti-viral agents
2. Green Chemistry oriented Synthesis of Different Acetanilide Derivatives from Anilines and Their Biological evaluation.
3. Method development and validation of selected drugs.

PUBLICATIONS, SEMINARS, WORKSHOPS, TRAINING PROGRAMMES AND CONFERENCES ATTENDED:

- 1) Pavankumar D. Chopade, Anwar Rafique Shaikh, "Design, regioselective synthesis and biological evaluation of 1,4-disubstituted 1,2,3-triazoles as an anti-viral agents", International Journal of Pharmaceutical Quality Assurance (IJPQA), ISSN: 0975 9506, Volume 15, Issue 4, October - December 2024, 2364-2371.
- 2) PavanKumar D. Chopade and Anwar Rafique Shaikh, "Advancements and Future Perspectives of 1, 2, 3 Triazole Scaffold As Promising Antiviral Agent in Drug Discovery", International Journal of Pharmaceutical Sciences and Research, IJPSR, ISSN: 0975-8232, 2022; Vol. 13(12): 1000-14.
- 3) Pavankumar D. Chopade, Anwar Rafique Shaikh, "Molecular Docking Studies and In silico ADMET analysis of 1, 4 disubstituted, 1, 2, 3 Triazole Derivatives as Hemagglutinin and Neuraminidase inhibitors for Antiviral Activity against H1N1 Influenza Virus", South Eastern European Journal of Public Health, ISSN: 2197-5248, 2024, Volume XXV, 3451-3461
- 4) Pavankumar D. Chopade, Anwar Rafique Shaikh and Agnes Sara Sabu, "Coumarin Ring: A Biologically Active Scaffold" published in International Journal of Pharmaceutical Sciences and Research, IJPSR, ISSN: 0975-8232, 2022; Vol. 13(5): 1988-2000.
- 5) PavanKumar D. Chopade, Arya Suresh Bawankar, Aalim Nasir Khan, "Triazole-Linked Benzimidazoles as Dual-Action Therapeutics: Antimicrobial and Antiviral Potential", International Journal of Pharmaceutical Sciences (IJPS), ISSN: 0975-4725, 2025, Vol 3, Issue 7, 3835-3880
- 6) PavanKumar D. Chopade and Anwar Rafique Shaikh, "An explicative review of the pharmacological activities of 1,2,3-Triazole linked Benzimidazole derivatives", Frontiers in Health Informatics (FHI), ISSN:2676-7104, 2024; Vol13, Issue 6, 4304-4321.
- 7) Pavankumar D. Chopade, Neha Sharma, Anil Kumar, "Synthesis, Characterization, And Electrochemical Properties Of Novel Organometallic Compound Palladium Phenanthroline Complex" Eurasian Journal of Analytical Chemistry ISSN: 1306-3057, 2024 19 (1): 218 -229.

- 8) Pavankumar D. Chopade, Dharmendra Bhati, Padmini Shukla, "Fused and substituted pyrimidine derivatives as potent anticancer agents. (2024), Biochemical Cellular Archives, ISSN:0976-1772, Vol 24, 749-758.
- 9) Pavankumar D Chopade, Anwar R. Shaikh, Deenanath Jhade, Priyanka Varade, "Newer Green Chemistry Methods for the Synthesis of Different Acetanilide Derivatives from Anilines and Their Comparative Analysis ", International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), ISSN:2319-8753 Volume 11, Issue 6, June 2022,7014-7020
- 10) Pavankumar D. Chopade, Subhendu Bikash Jana, Kapil Raghuwanshi "Computational Chemistry Of Pyrazole Derivatives: Molecular Modeling, Quantum Mechanical Calculations, And Molecular Dynamics Simulations" Eurasian Journal of Analytical Chemistry ISSN: 1306-3057 2024, 19 (1): 74-84
- 11) Pavankumar D Chopade, Amit Kumar Nigam, Richa Gangwar, Ritika Arora, "RP-HPLC method development and validation for the estimation of nelarabine in bulk and in injection" Journal of Cardiovascular Disease Research, ISSN: 0975-3583, 0976-2833 VOL14, ISSUE 11, 2023, 926-937
- 12) PavanKumar D. Chopade, Tanvir Yusuf Shaikh, Suvarna Manoj Bhadane, "Design and Method Validation of Amphotericin-B in Human Plasma by A RP-HPLC Method", Nanotechnology Perceptions, ISSN 1660-6795, 20 No.7 (2024) 1761-1772
- 13) Pavankumar D Chopade, Sushant Kumar Sharma, Pooja Kumari, Kuda Eswara Rao, Sarakula Prasanthi, "validated simultaneous HPLC method for the estimation of Grazoprevir and Elbasvir", Journal of Cardiovascular Disease Research, ISSN: 0975-3583, 0976-2833 VOL14, ISSUE 12, 2023, 1159-1170.
- 14) PavanKumar D. Chopade, Tanvir Yusuf Shaikh, Suvarna Manoj Bhadane, "Design, Synthesis, and Evaluation Of Benzoxazole Derivatives For Anti-Tubercular And Anti-Bacterial Activity", Cuestiones de Fisioterapia, VOL. 54 NO. 3 (2025): YEAR 2025, VOLUME 54, ISSUE 3, 2666-2676.
- 15) PavanKumar D. Chopade, Mangala K J, Nikam Anil Ishwar, "In silico design and synthesis of n-heterocyclic compounds as anti-cancer and anti-microbial agents" African Journal of Biological Sciences, 2024, ISSN: 2663-2187, 6(9) (2024), 5146-5158.
- 16) PavanKumar D. Chopde Manjusha Shrawan Sanap, Milind Bhitre, Manisha S.Kedar, Nitin C. Mohire, Mangesh V. Tote, "Synthesizing Derivatives of 7-Hydroxy-4-[(5-Methyl-1h-enzimidazol-2-Yl) Sulfanyl] Methyl}-2h-Chromen-2-One and Evaluating Their Potential Anti-Cancer Properties" (2024), Journal of Chemical Health Risks, JCHR (2024) ISSN:2251-6727, 14(4), 28-34 |.
- 17) Pavankumar D. Chopade, Saloni Goyal, Aaliya Naaz, "Exploring indole-3-Carbinol (I3C) and 3,3-Diindolylmethane: Promising leukemia therapeutic agents and cancer chemoprevention strategies" (2024), Biochemical Cellular Archives, ISSN:0976-1772, Vol. 24, 595-605.
- 18) Mr.Pavankumar D. Chopde, Ms.Manjusha Shrawan Sanap, Mr.Milind Bhitre, Dr. Manoj P.Shirbhate, Dr.Manisha S.Kedar, Mr.Mangesh V. Tote, "Synthesis and anti-cancer evaluation of 7-hydroxy-4- [(5-methyl-1h-benzimidazol-2-yl) sulfanyl]

- methyl}-2h-chromen-2-one derivatives.”, Journal of Chemical Health Risks JCHR (2024), ISSN:2251-6727, 14(4), 28-34|
- 19) Mr. Pavankumar Chopade, Lavande J. P., Swati Nilesh Deshmukh, Niraj Gupta, Soham Mandal, P. Parthiban, Ujash kumar Shah, Sheik Nasar I, “Pass online screening for activity, insilico and invitro anti-diabetic activity of some novel thiazolidinone”, European Chemical Bulletin, ISSN 2063-5346, 2023, 12 (Special Issue 7), 417-438.
 - 20) PavanKumar D. Chopade, Amina Parkar, Dr. Manasi Gholkar, “Artificial Intelligence As A Tool For Scientific Writing”, International Journal of Creative Research Thoughts (IJCRT), ISSN: 2320-2882, Volume 12, Issue 12 December 2024, 1992-1999.
 - 21) PavanKumar D. Chopade, Abdul Wahidn Azmatullah Khan, Komal Nandlal Gupta, Vedant Bipin Samant, “Herb drug interactions : Mechanism and mitigation strategies”, World Journal of Pharmaceutical and life sciences (WJPLS), ISSN 2454-2229, 2024, Vol. 10, Issue 12 , 79-87
 - 22) Pavankumar D. Chopade, Priyanka R. Varade, Pratik B.Dadas, Ajay B. Kank, “ Impact Of Covid-19 On Human Life Style”, “World Journal of Pharmaceutical Research”, ISSN number 2277-7105, 2022, Volume 11, Issue 4, 1692-1698.
 - 23) Mr. Pavankumar Chopade, Mrs. Seema Gadge, Ms. Priyanka Varade, “Microdosing (phase 0 studies): a valuable tool for accelerating drug development”, International Journal of Research and Analytical Reviews (IJRAR), ISSN 2348-1269, March 2023, Volume 10, Issue 1, 642-648
 - 24) IPC attended and paper submitted entitled click chemistry oriented synthesis of 1,2,3 triazole derivatives and its biological evaluation dated on 17- 12-2012.

BOOK PUBLICATIONS:

A textbook published in year 2023 for Sem III S. Y. B. Pharm subject Pharmaceutical Organic Chemistry Theory by Mahi publication, Ahmadabad, Gujarat.

PATENTS GRANTS AND PUBLICATIONS:

- 1) Govt. of India Patent application number 202221070707, Titled “Repurposing resveratrol, a cardiovascular medicine for treating against oxidative stress of KEAP1/NRF2 complex in Alzheimer’s disease”, Publication date (U/S 11A) 16/12/2022.
- 2) Govt. of India Patent application number 202341002859, Titled “Computational methods in the inhibition of Acetylcholinesterase Receptor in Alzheimer’s disease treatment using Piperazine acetamide dihydrochloride”, Publication date (U/S 11A) 17/02/2023.
- 3) Govt. of India Design Patent number 410398-001, Titled “ Gas chromatography–mass spectrometer for qualitative analysis of chemical compounds” Patent grant date 13/03/2024

- 4) United Kingdom Design patent number: 6374048, Titled “Dialysis Chair” Patent grant date 22 July 2024, under the class apparatus and equipment for doctors, hospitals and laboratories.

SEMINARS, WORKSHOPS AND CONFERENCES:

- 1) Attended IPC 2024 at Hyderabad and paper Accepted entitled “Exploring novel benzimidazole linked 1, 2, 3 triazole derivatives: design, regioselective synthesis and antiviral activity as hemagglutinin and neuraminidase inhibitors.”.
- 2) “Staff development programme” of two weeks attended at NDMVP College of pharmacy nashik.
- 3) Attended Workshop on “Harness the power of ChatGPT- Generative AI tool for Teaching and Research in Pharmacy” organized by Saraswathi Vidya Bhavan’s College of Pharmacy, Dombivli on 5th August 2023.
- 4) Attended Seminar on “Scope and Career Avenues in Drug Discovery and Process Chemistry” organized by Vivekanand Education Society's College of Pharmacy on 12th Aug 2023.
- 5) International Conference “Clinical Research and Experimental Pharmacology” at MET Institute of Pharmacy, Bandra Mumbai on 23rd March 2023.
- 6) First International Webinar Series on Artificial Intelligence in Drug Discovery at Shri Vile Parle Kelawani Mandai’s Institute of Pharmacy, Dhule 16 to 18 February 2022
- 7) Three-day National Symposium on Future Prospects of Indian Pharmacist envision by ER 2020 organized by Shri Vile Parle Kelawani Mandai’s Institute of Pharmacy, Dhule 22 to 24 February 2022
- 8) Worked as an academic incharge at Shivajirao S. Jhondhale College of pharmacy, Asangaon, Shahapur, Thane, Mumbai.
- 9) Actively participated in national seminar on “new frontiers of chromatographic separation” held at ultra college of pharmacy, Madurai.
- 10) “Molecular modeling and anti-hiv-1 integrase activity of a series of photoactivatable diketo acid-containing inhibitors as affinity probes.” Poster presented at SNIOP Pusad.
- 11) Worked as an Exam incharge in St Wilfred institute of pharmacy, panvel

❖ Professional Body Membership: -

- 1) Association of Pharmacy Teachers of India: - APTI MA/LM-2657
- 2) Registered pharmacist under Maharashtra state Pharmacy Council.
- 3) M. Pharm. Guide: - Guided 09 M. Pharm. Quality Assurance Students.
- 4) Worked as Competitive exam (GPAT, NIPER) Coordinator.
- 5) Basic courses in Computers, Completed “MS-Office” and “Windows-OS”.

Instruments Handled :

1. UV – Spectrophotometer
2. FT – IR Spectrophotometer

3. HPLC
4. HPTLC
5. Rotavapour
6. Polarimeter
7. Microwave oven.

PERSONAL DETAILS:

- **DATE OF BIRTH** - 24th Dec 1984
- **FATHER'S NAME** - Dnyaneshwar Kisanrao Chopade
- **MOTHER'S NAME** - Sau.Vijaya Dnyaneshwar Chopade
- **GENDER** - Male
- **NATIONALITY** - Indian
- **MARITAL STATUS** - married
- **BLOOD GROUP** - O +Ve
- **HOBBIES** - Reading Books.
- **PANCARD NO.** - AMGPC7514H
- **AADHAR CARD NO.** -290375635053
- **PHARMACIST REGISTRATION NO.** - 84028