

Faculty Profile



Name: Dr. Ujjwala Sadashiv Thube

Qualification: M. Pharm., Ph.D. (Pharm. Chemistry)

Designation: Associate Professor,

Dept. of Pharm. Chemistry

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Ph.D.	Pharm. Chemistry from Savitribai Phule Pune University.
M.Pharm. Specialisation and University	Pharm. Chemistry from Savitribai Phule Pune University.
B. Pharm.	Savitribai Phule Pune University.
Experience	<u>Academics</u> : 13 years <u>Industry</u> : Ph.D. work
Projects handled	1. Ph.D. Research: Design and Synthesis of Mycobacterial Enzyme Inhibitors as Antitubercular Agents under the guidance of Dr. Ramesh L. Sawant. 2. M. Pharm. Research: Synthesis and Antidiabetic evaluation of some 2-substituted aminobenzothiazole derivatives under the guidance of Dr. Pratap Y. Pawar. 3. B. Pharm. Project: Review on Impurity Profiling of Pharmaceuticals under the guidance of Prof. Smita P. Shelke. 4. Synthesis of Heterocycles & Antibacterial Activity Thereof (B. Pharm. Project Academic Year 2021-22). 5. Synthesis Characterisation and Biological Screening of Some Schiff Bases (B. Pharm. Project Academic Year 2022-23). 6. Formulation and Evaluation of Polyherbal Gel of <i>Acaphyla indica</i> and <i>Aloe vera</i>. (B. Pharm. Project Academic Year 2023-24). 7. Synthesis & Biological Screening of Some Schiff Bases. (B. Pharm. Project Academic Year 2024-25).

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Institutional & Administrative Responsibilities	Appointed as Examiner and Moderator for the various examinations conducted by University of Mumbai UG & PG.
Professional Affiliations/ Membership	- Life Member of APTI (Association of Pharmaceutical Teachers in India) - Registered pharmacist by Maharashtra State Pharmacy Council (MSPC) - Registration Number 111403.
Achievements	- Received best e-poster (First Prize) presentation award in an International Conference (CSCS-2021) held on 6th-7th September, 2021 organized by Moolji Jaitha college, Jalgaon. - Published two Patents on Ph.D. work and three Books on Medicinal Chemistry II, III and Exit Examination resp. - Qualified competitive exams like Scholarship, Navodaya and GPAT & received Junior Research Fellowship (JRF-2011). - Participated in Blood Donation Camp for the five Times.
Core competency Areas	Molecular Docking and Synthesis of Bioactive Compounds.
Poster/Oral Presentation	- Poster Presentation on Design and synthesis of mycobacterial enzyme inhibitors as antimycobacterial agents have been presented and received best e-poster (First Prize) presentation award in an International Conference (CSCS-2021) held on 6th-7th September, 2021 organized by Moolji Jaitha college, Jalgaon during my Ph.D. tenure. - Poster Presentation on Glutamine synthetase-I inhibitors as antimycobacterial agents have been presented in 2 days international e-conference held on 15th-16th September, 2021 on drug discovery and material science organized by the IQAC and Dept. of Chemistry (UG & PG) of the JSS College of Arts, Commerce and Science, Mysuru, Karnataka, India. - Poster Presentation on Target Identification for Benzothiazole Derivatives as Antitubercular Agents have been presented in three days international e-conference on "Pharmaceutical Research and Innovation to tackle Future Health-care Arena" held on 27th-29th September, 2021 organized by Gokhale Education Societies's

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	Sir Dr. M. S. Gosavi College of Pharmaceutical Education and Research, Nashik. Oral presentation on Synthesis of substituted Benzothiazole amide derivatives as antitubercular agents in an international virtual conference (CSCS-2022) organised by School of Chemical Sciences, Moolji Jaitha College (Autonomous) Jalgaon on 16th and 17th September, 2022.
Participation as Resource Faculty	- Delivered Guest lecture session on “Design and Synthesis of Mycobacterial Enzyme Inhibitors” under the IQAC Chemistry Dept. initiative of Gokhale Education Societies’s Sir Dr. M. S. Gosavi College of Pharmaceutical Education and Research, Nashik. - Delivered Guest Lecture on “Leadership Skills” 21st October, 2023 to the B. Pharm. Students of HSBPVT’s Faculty of Pharmacy, Kashti, Shrigonda. (Online mode) - Delivered Guest Lecture on “Pharmacology and Medicinal Chemistry of Antiarrhythmic Agents” on 2nd November, 2023 to the D. Pharm students of Konkan Gyanpeeth Rahul Dharkar C.O.P., Karjat. - Delivered Guest Lecture on “Nutrition, Health and Lifestyle” on 12th February, 2024 to the School Students of Shishu Mandir, Karjat. - Delivered Guest Session on Nutrition to the First to seventh standard students of Z.P. Primary School, Khaire Nagar, Tal: Shirur, Dist. Pune - Delivered Guest Lecture on “Industry-Academia Partnership for Implementation of National Education Policy, 2020.” On 6th March, 2024 to the B. Pharm students of D. K. Auti College of Pharmacy, Parner.
Seminars / Workshops/ Guest lecture conducted	- Two days state-level seminar on Exploring the Challenges in Pharmaceutical Chemistry for the Future conducted on 1st and 2nd February 2019 organized by Dept. of Pharmaceutical Chemistry, STCOP, Shirur. - A session on Career Guidance, GPAT Exam Preparation & Development of soft skills by Dr. Peeyush Jaiswal, Director GDC on 7th January, 2024, organized by KGRDCP and RI, Karjat (Online) - A session on How to crack GPAT/NIPER? By Ms. Prajakta Jadhav on 8th January, 2024, organized by KGRDCP and RI, Karjat (Offline)

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	- Brainstorming session on GPAT, NIPER self-preparation and Rapid Revision Workshop by Mr. Sachin Jadhav, Founder Fundamental Pharmacy, Aurangabad (Full Day Session) 9th January, 2024, organized by KGRDCP and RI, Karjat (Offline) - A session on Accepting opportunities of Higher Education by Prof. Dr. N. N. Inamdar, Govt. College Amaravati 10th January, 2024, Wednesday KGRDCP and RI, Karjat (Online cum offline) - A session on Overview of Antibiotics: Pharmacology and Medicinal Chemistry by Dr. A. S. Lunkad, STCOP, Shirur on 13th January, 2024, organized by KGRDCP and RI, Karjat (Online) - A session on Awareness about Courses for your career in Pharma Industry 2024. Mr. Deepak Chatur Glow Pharma Institute on 24th May, 2024 organized by KGRDCP and RI, Karjat (Online)
Seminars / Workshops Attended	- Attended 60th Indian Pharmaceutical Congress (Diamond Jubilee) from 12th December to 14th December 2008 organized in New Delhi. - One day International Conference on Clinical Research-2023 (ICCR-2023) about the world of clinical research and digital technologies Know what you do not know held on 13th February 2023 at Dr. VVPF's COP, Ahilyanagar. MSBTE approved four weeks of online FDP on Tools for Online Teaching Learning Process from 20th April to 17th May 2020 and was organized by the Department of Pharmacy, Government Polytechnic, Jalgaon. 1-week national level online FDP on ICT Tools for Effective Teaching Learning from 11th May 2020-16th May 2020 and was organized by the School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded. - Two days national seminar on Current aspects in chemical synthesis and spectral data interpretation held on 5th February-6th February 2016 organized by Modern College of Pharmacy, Nigdi, Pune- 411044. - Two days State-level webinar on the Use of Spectroscopic Techniques for structure elucidation held on 22nd July-23rd July organized by AISSMS COP, Pune.

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- Five days eFDP on Building Research and Innovative Culture among Pharmacy Teachers organized by Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune in association with the APTI from 18th May-22nd May 2020.
- One day IPA (The Indian Pharmaceutical Association, Pune Branch) Model lecture series in Medicinal Chemistry and Organic Chemistry held on 24th October 2013 jointly organized by IPA, Pune Branch and STES' Kashibai Navale COP, Pune.
- Two days of e-FDP on Outcome-based education is a need of an hour from 19th May-20th May 2020 and was organized by STCOP, Shirur powered by Vmedulife.
- A national-level one-day webinar on Exploring pathways on hypothesis and potential treatment options for mitigation of Covid 19 on 23rd May 2020 was organized by Sharadchandra Pawar COP, Otur.
- National level one-day webinar on Mindset and Career enhancement on 24th May 2020 and was organized by Sharadchandra Pawar COP, Otur.
- National level one-day webinar on Take a U-turn for our basic needs and Immunity on 25th May 2020 and was organized by Sharadchandra Pawar COP, Otur.
- Two days FDP on Recent updates in Pharmaceutical Sciences and Technology organized by Rajarambhau COP, Kasegaon powered by Vmedulife from 24th May-25th May 2020.
- National level two days e-FDP webinar on Best practices in Innovation IPR and Patents in Pharma was organized by Sharadchandra Pawar COP, Otur on 26th May-27th May 2020.
- One-day webinar on Kick start your Research work organized by the Dept. of Computer Science and Engineering, JAIN (Deemed-to-be-university) on 30th May 2020.
- One-day webinar on Effective Tools for Online Teaching Learning Process was organized by Shri Dhaneshwari Shaikshnik Sankul Aurangabad on 31st May 2020.
- 1-week online FDP on Modern teaching, evaluation, and Research methods held on 2nd June-7th June 2020 organized by Vinayakrao Patil Mahavidyalaya, Vaijapur, Dist. Aurangabad (Under UGC scheme, Stride component-1 (Research Capacity Building).

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- One day National level Seminar on Intellectual Property Rights was held on 25th November 2021 and organized by H. J. Thim College of Arts and Science.
- One-day International Webinar July 2020 (IPR) held on 18 July 2020 and organized by N. N. Saththa COP, Ahilyanagar.
- One day National level webinar on Nanoscience for the twenty-first century was held on 13th September 2021 and organized by Chemistry, Anand College Pathardi.
- One-day webinar on Assessment and Accreditation by NAAC: Perpetual Quality Improvement in Subsequent Cycles was held on 24th September 2020 organized by AISSMS COP, Pune (in collaboration with NAAC).
- One-day international e-conference on Emerging Trends in Life Sciences (ETLS) held on 30th September 2021 organized by the Department of Botany, Zoology and IQAC, Dada Patil Mahavidyalaya, Karjat, District Ahilyanagar.
- One day National Webinar on INNOVATION, INVENTION, and PATENTS held on 18th August 2020 organized by Indira Gandhi National Open University regional center Lucknow (in collaboration with Vidya Bharathi, Awadh Plant).
- One-day national webinar on Academic research writing Plagiarism and the H index was held on 29th September 2021 organized by Arts, commerce, and Science College Kinhavali.
- One day National webinar on recent avenues in drug discovery and development was held on 8th October 2021 organized by Gokhale education societies Sir Dr. M S Gosavi College of Pharmaceutical Education and Research, Nashik 422005.
- AICTE-MRSPTU sponsored six days of FDP on Advances in Pharmaceutical Sciences held on 3rd January-8th January 2022 organized by Aryans COP, Dept of Pharmacy, Rajpura, Chandigarh- Patiala National Highway.
- One day National level webinar on Pharmaceutical Chemistry: Fundamentals, Learning management and advances held on 5th October 2021 organized by Vishal Junnar Seva Mandal's VIPER, Ale, Dist: Pune.
- SPPU sponsored a one-day state-level seminar on Current Trends & Opportunities in Pharmacology was held on 17th February 2018 organized by Sitabai Thite College of Pharmacy,

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Shirur.

- One-day state-level seminar on Research Methodology held on 28th December 2018 and organized by PDEA's Shankarrao Ursal College of Pharmaceutical Sciences and Research Center, Kharadi, Pune-411014.
- Four Days Management Development Programme of Yashada, Pune from 19th August-22nd August. (As a faculty of Sitabai Thite College of Pharmacy Shirur).
- Active participant in the course named Education for Life as a faculty of STCOP Shirur.
- SPPU sponsored a one-day state-level seminar on Pharmaceutical Quality by Design and Development organized on 3rd March 2012 organized by Dr. VVPF's COP, Ahilyanagar.
- SPPU sponsored a One-day state-level seminar on Advances in Experimental Pharmacology organized on 2nd March 2012 organized by Dr. VVPF's COP, Ahilyanagar.
- SPPUsponsored a One-day state-level seminar on Generic Drug Product Development-Industry Overview. Organized on 5th January 2013 organized by Dr. VVPF's COP, Ahilyanagar.
- One day state-level seminar on Advances in Quality Control Techniques for Pharmaceuticals was held on 03rd February 2010 and organized by Sitabai Thite College of Pharmacy, Shirur.
- Two days AICTE-sponsored national-level seminar on Computational Chemistry in Anticancer Drug Research organized on 26th December-27 December 2013 organized by Dr. VVPF's COP, Ahilyanagar.
- A one-day workshop on the topic of Bioorganic Chemistry and Drug Design was held on 26th February 2016 organized by Dr. VVPF's COP, Ahilyanagar.
- One day FDP on the topic Hands-on training on Discovery Microwave Synthesizer and FTIR Spectrophotometer with Introduction to Benchtop NMR Spectrophotometer organized on 21st February 2019 at Dr. VVPF's COP, Ahilyanagar.
- Seminar Orientation Programme on NAAC Accreditation Process 28 December, 2023. Accreditation Ranking and Certification Network of India (ARCNET) and Climed Research Solutions, India.(Online)
- Online International FDP on Empowering

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	Educators: Advancement in technology, Research and Entrepreneurship on 27th October 2023 organised by AISSMS College of Pharmacy in Association with APTI. (Online) • One day Webinar on Emerging Trends in Co-processed Excipients and Architecting Dosage Forms. Saturday 28th October, 2023 organized by the Dept. of Pharmaceutics under the aegis of IQAC cell @MSGCOPER, Nashik • One-Day-Webinar on Elementary Principle of Pharmaceutical Research & Technology for Budding Pharmacist Saturday 25th November, 2023 organized by the Dept. of Pharm. Chemistry under the aegis of IQAC cell MSGCOPER, Nashik • One-Day-Webinar on Cyber Hygiene for women on the eve of international women's day on 7th March, 2024 organized by APTI Women's forum Western Zone and Bombay COP. • One-Day National Level Webinar on " Synergy in Pharmacy: Academia, Industry, Regulation and Innovation on 18th July 2026 organized by the Department of Pharmaceutical Chemistry under the aegis of IQAC at MSGCOPER.
Research Publications	• Patent Publication on Substituted thiazole amide derivatives as antitubercular agents, Utility (Chemical) Patent, Ujjwala Thube, Dr. R. L. Sawant, Ankush Sarde, Dr. Ravindra Pal, Shrikant Shirke, Vaibhav Yadav, Patent Application Number: 202121045071, Publication Date (U/S11A):12/11/2021. • Patent Publication on Substituted thiazole urea derivatives as antitubercular agents, Utility (Chemical) Patent, Ujjwala Thube, Dr. R. L. Sawant, Ankush Sarde, Dr. Ravindra Pal, Shrikant Shirke, Vaibhav Yadav, Patent Application Number: 202321028436, Publication Date (U/S11A):02/06/2023. • Thube U, Pawar P, Sawant R. Synthesis and Antidiabetic Evaluation of some 2-Substituted Benzothiazole Derivatives. European Journal of Molecular and Clinical Medicine. 2021; 8(1): 2343-2350. • Pawar P, Jadhav K, Thube U, Dhaygude S. Spectrophotometric Determination and Validation of Paracetamol and Mefenamic Acid in Pure and Tablet Dosage Form. Current Pharma Research. 2013. 3(3): 911-917. • Tare H, Thube U, Kachave R, Wagh V, Udugade

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B. Catechins as Catalase Modulators: A Comprehensive In-silico Analysis Unveiling their Potential Antioxidant Effects. International Journal of Drug Delivery Technology. 2023; 13(4):1156-1160.

- Tare H, Bedse A, Thube U, Kachave R, Wagh V. Eriodictyol Flavanones Based Virtual Screening of Bioactive Compounds from ChEMBL 2D Database with Classic 3-point Pharmacophore Screening Method for HER2 Inhibitors for Breast Cancer. International Journal of Drug Delivery Technology. 2023; 13(4):1161-1166.
- Mujawar T, Tare H, Deshmukh N, Udugade B, Thube U. Repurposing FDA-Approved Anastrozole based Drugs for Breast Cancer through Drug-Drug Transcriptomic Similarity and Cavity Detection Guided Blind Docking. International Journal of Drug Delivery Technology. 2023; 13(4):1172-1177.
- Deore S, Tajane P, Bhosale A, Thube U, Wagh V, Wakale V, Tare H. 2-(3,4-Dihydroxyphenyl)-5,7-Dihydroxy-4H-Chromen-4-One Flavones Based Virtual Screening for Potential JAK Inhibitors in Inflammatory Disorders. International Research Journal of Multidisciplinary Scope. 2024; 5(1): 557-567.
- Mujawar T, Kayande N, Thube U, Belhekar S, Deshmukh N, Tare H. Unlocking Therapeutic Potential: A Comprehensive Exploration of FDA-Approved Sirolimus similars for Perivascular Epithelioid Cell Tumor Treatment through Transcriptomic Insight, Structural Integration, and Drug-Drug Similarity Analysis with Cavity-Guided Blind Docking. International Journal of Drug Delivery Technology. 2023; 13(4):1194-1198.
- Deore S, Wagh V, Tare H, Kayande N, Thube U. Molecular Docking Analysis of Potentilla fulgens Polyphenols Against Estrogen Receptors Involved In Breast Cancer. International Journal of Pharmaceutical Quality Assurance. 2024;15(1):1-5.
- Deore S, Wagh V, Thube U, Kayande N, Tare H. In-silico Discovery of Potential Mycobacterium tuberculosis Cell Division Protein FtsZ Inhibitors: A Natural Ligand Piperine-Derived 3-Point Pharmacophore Screening and Structure-Guided Blind Docking Study. International Journal of Pharmaceutical Quality Assurance. 2024;15(1):1-7.
- Siddartha Bethi, Jayashri Patil, Ujjwala Thube, Shubham Choudante. Unveiling the

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	Therapeutic Potential of Syzygium cumini: A Network Pharmacology Exploration of Targets and Mechanisms. International Journal of Pharmaceutical Quality Assurance. 2024;15(2):762-768. • Siddartha Bethi, Jayashri Patil, Ujjwala Thube, Khushabu Patil. A Network Pharmacology-based Approach to Explore Potential Targets and Mechanism of Berberis aristata focusing on its Implications for Diabetes Mellitus. International Journal of Pharmaceutical Quality Assurance. 2024;15(2):803-809. • Kadam S, Ahire S, Tare H, Wagh V, Thube U. The Use of Biological Pigments in Cosmetics for Eco-friendly and Sustainable Coloring. International Journal of Pharmaceutical Quality Assurance. 2024;15(1):1-7. • Mayuresh Karande, Shital Kadam, Isha Khadakban, Sakshi Kadam, Yashraj Jawlekar, Ujjwala Thube, Mohan Kale. Potential Of Bhasma In Disease Management As Nanomedicine: An Overview. International Journal of Research and Analytical Reviews. 2024;2(11):48-57. • Trupti ichale, Ujjwala Thube, Shravani Jadhav, Shreyash Jadhav, Yogesh Jawale, Rohit Jadhav, A Comprehensive Review of Tuberculosis: Insights and Perspectives. 2024;14 (2):639-647.
Book/Abstract	• Book 1: Medicinal Chemistry: II • Book 2: Medicinal Chemistry: III • Book 3: D. Pharm Exit Examination Kit • Abstract of Poster Presentation: Target Identification for Benzothiazole Derivatives as Antitubercular Agents published by Gokhale Education Societies's Sir Dr. M. S. Gosavi College of Pharmaceutical Education and Research, Nashik. • Abstract of Oral Presentation: Sythesis of substituted Benzothiazole amide derivatives as antitubercular agents published by Current Scenario in Chemical Sciences-2022.
Research Grant	• None
Student Guided	• M. Pharm. : None • B.Pharm. : 37