

BIODATA

Name of Teaching Staff: Dr. Amol B. Khade**Designation:** I/c Principal**Department:** Pharmaceutical Chemistry**Contact:** 9482073920/ 9881576337**Email:** abkhade@gmail.com**Qualification:** M. Pharm, Ph.D.**Date of joining to the Institute:** 03/07/2008**Total Experience in Years:**

- 1] Teaching- 14 Years
- 2] Industry- 01 Year
- 3] Research- 08 Years

Paper Published: 1] International- 23

2] National- 02

Paper Presented: 1] International- 06

2] National- 03

PhD:

Subject	University/ Board	Year of passing	Status
Pharmaceutical Sciences (Pharmaceutical Chemistry)	Manipal Academy of Higher Education, Manipal	2020	Awarded

Projects Guided: 1] PhD- Nil

2] Projects at Master Level- 05



Book Published/IPRs/Patents: A published book entitled “Pharmaceutical Inorganic Chemistry I for F.Y.D.Pharm” IP Innovative Publishers, New Delhi.

Professional Memberships: Life member of APTI.
An active member of ACS (American Chemical Society)
MSPC-Registered Pharmacist.

Awards:

1. Certificate for exceptional contribution as a Primary Evaluator in Toycathon, 2021 organized by Ministry of Education in association with AICTE, New Delhi.
2. Research recognition award for best research showcase presentation at 6th Annual International Conference held at Goa College of Pharmacy & Goa Center for Excellence in Intellectual Property on 02/12/2021.
3. Certificate of appreciation for proactive contribution in APTI Mumbai’s region activities on 15/08/2021.
4. Certificate of appreciation for contribution in APTI Mumbai’s Dyan Ganga (E-repository of Academic study material) as a diamond contributor during the period of June 2021.
5. Certificate of appreciation for outstanding contribution, coordination for organizing Global Student Solar Ambassador program by IIT, Bombay on 02/10/2019.
6. Recipient of Smt. Indumati Mane memorial, Best Teacher of the year award in the year 2017-18.
7. Best poster award for “Repurposing of drug-New tool to drug discovery” at One-day National Symposium on Drug discovery and recent trends in natural chemistry at YBCP, Sawantwadi on 02/08/2019.
8. Recipient of N. Udupa Travel grant award for presenting a research paper at International Conference on computational methods in engineering and health Sciences (ICCMEH), Malaysia, 2015.

Grants Fetched:

Sr. No.	Title of the project	Funding agency	Amount	Year of completion
1.	Design Synthesis and evaluation of Diphenyl ether derivatives as anticancer agents	Minor Research Grant University of Mumbai	30000	2019
2.	Rational design and synthesis of novel diphenyl ether derivatives as antitubercular agents	AICTE New Delhi QIP	354000	2015
3.	Synthesis and antiviral activity of novel Indole derivatives	Minor Research Grant University of Mumbai	32000	2015
4.	Rational design and synthesis of novel diphenyl ether derivatives as antitubercular agents	Minor Research Grant University of Mumbai	17000	2013
5.	Design and synthesis of certain novel pyrazole derivatives for antimicrobial and antitubercular activities	Minor Research Grant University of Mumbai	15000	2011

Interaction with Professional: Yes

1. Member, APTI, Mumbai region Dnyan-Ganga an E-repository of academic study material.
2. Editorial board member of The Pharmaceutical and Chemical Journal.
3. Reviewer of Critical reviews in analytical Chemistry and Indo Global Journal of Pharmaceutical Sciences.

List of Publications:

1. Synthesis, Characterization and Biological Evaluation of Indole-Pyrazole Amalgamated α -Cyano Substituted Chalcones. Pravin S Bhale, Sadanand N Shringare, Amol B Khade, Hemant V Chavan. Anti-cancer Agents in Medicinal Chemistry, 21(16):2216-2223, 2021. 10.2174/1871520621666210201095030. (Impact factor: 2.668).
2. Design, Synthesis, Biological Evaluation and Molecular Dynamic Simulation Studies of Diphenyl Ether Derivatives as Antitubercular and Antibacterial Agents. Amol B. Khade, Prof. Vandana K. Eshwara, Dr. Helena I.M. Boshoff, Dr. Kriti Arora, Ashutosh Tiwari, Dr. Pritesh Bhat, Dr. Mradul Tiwari, Prof. G. Gautham Shenoy. Chemistry Select. Volume 5, (1), 2020 (Impact factor: 1.716) DOI : 10.1002/slct.201903305.
3. Design, synthesis, evaluation and molecular dynamic simulation of Triclosan mimicking diphenyl ether derivatives as antitubercular and antibacterial agents. Amol B. Khade, Helena I.M. Boshoff, Kriti Arora, Vandana K. E., Ruchi Verma, G. Gautham Shenoy. Structural Chemistry, 31, pages983–998(2020). (Impact factor: 1.624).
4. Synthesis, biological evaluation and molecular dynamics simulation studies of novel diphenyl ethers. Amol B. Khade, Sidhartha S. Kar, A Cinu Thomas, Ashutosh Tiwari, Mradul Tiwari, K. E. Vandana, Pritesh Bhat, G. Varadaraj Bhat and G. Gautham Shenoy*. Medicinal Chemistry. Volume 16, Number 2, 2020, pp. 256-270(15) (Impact factor: 2.63) DOI : 10.2174/1573406415666190306152907
5. Simultaneous improvement of solubility and permeability by fabricating binary glassy materials of Talinolol with Naringin: Solid-state characterization, in-vivo in-situ evaluation. Ainampudi Teja, Prashant B Musmade, Amol B Khade, Swapnil J Dengale, European Journal of Pharmaceutical Sciences, Vol. 78, 2015, 234-244. (Impact factor: 3.350)
6. Floating Drug Delivery System, A Comprehensive Review And Its Possible Scope, S Kanekar Akhil, B Patil Ashwini, M Kanavaje Abhijit, Khade Amol B, Pharmacy Review & Research, vol. 4 (3), 2014, 183-189. (Indexed)
7. A Comprehensive Review on Pogostemon benghalensis (Burm. F.) O. Kuntze. Shigwan AV, Khade AB*, Hatpakki BC, Ghurghure SM. Research and Reviews: Journal of Pharmacognosy and Photochemistry. 2013, 1(1), 10-15. (Indexed)
8. Pattan SR, Khade AB*, Khade MA, Pattan JS, Jadhav SG, Dighe N S, et al., Synthesis and Antimicrobial Evaluation of some new Pyrimidine derivatives, Indian J. Pharm. Educ. Res. 43(3): 2009, 308-312. (Impact factor 0.177)
9. Synthesis and pharmacological screening of some 1,4-dihydropyridine and their derivatives for anticonvulsant activity. Pattan SR, Purohit SS, Rasal VP, Mallya S, Marihal SC, Khade AB, et al. Indian Journal of Chemistry. (47) 4, 2008, 626-629. (Impact factor 0.387)

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10. Synthesis and evaluation of some new 2,4-thiazolidindiones and their antidiabetic activity. Pattan SR, Khade AB, Bukitagar AA, Rasal VP, Kakadia K. Indian Journal of Heterocyclic Chemistry, (17), 2008, 299-300. (Impact factor 0.305)
11. Synthesis of some new thiadiazole derivatives and their antidiabetic activity, SR Pattan, N.S.Desai, A.B. Khade, V.P. Rasal, M.S. Paschapur. Indian Journal of Heterocyclic Chemistry, 17(3), 2008, 283-284. (Impact factor 0.305)
12. Synthesis and evaluation of some new 2, 4-thiazolidindiones and their antidiabetic activity, SR Pattan, AB Khade, AA Bukitagar, VP Rasal, K Kakadia, Indian Journal of Heterocyclic Chemistry, 17 (3), 2008, 299-300. (Impact factor 0.305)
13. Synthesis and evaluation of some 5-[1-(4-(4-substituted-phenyl amino)-meth-(z)-ylidene)-thiazolidine-2,4-dione for antitubercular activity, KG Pattan S.R., Alagwadi K.R, Bhat A.R, Reddy V.V.K, Indian Drugs, 45 (7), 2008, 532-535. (Scopus Indexed)
14. Synthesis and Anti-inflammatory Evaluation of (4-Phenylamino) Benzylidene (Thiazolidine-2, 4 Dione) Derivatives, SR Pattan, VVK Reddy, PD Pawar, AB Khade, NS Desai, AR Bhat, Indian Drugs, 44 (4), 2007, 253-256. (Scopus Indexed)
15. Synthesis and Evaluation of some new substituted Phenyl Thiazoles and Derivatives for Antitubercular Activities, SR Pattan, AA Bukitagar, KG Bhat, JS Pattan, BS Kittur, AB Khade, SD Borkar, Indian Drugs, 44 (9), 2007, 689-691. (Scopus Indexed)
16. Synthesis and evaluation of some 1, 4-dihydropyridine and their derivatives as antihypertensive agents, SR Pattan, VP Rasal, NV Venkatramana, AB Khade, SR Butle, SG Jadhav, BG Desai, FV Manvi. Indian Journal of Chemistry Section B, 46 (4), 2007, 698-701. (Impact factor 0.387)
17. Synthesis and Antiinflammatory Evaluation of (4-Phenylamino) Benzylidene (Thiazolidine-2, 4 Dione) Derivatives. SR Pattan, VVK Reddy, PD Pawar, AB Khade, NS Desai, AR Bhat, A D Tarnalli. Indian Drugs, 44 (4), 2007, 253-256. (Scopus Indexed)
18. Synthesis of new benzopyrone derivatives as antitubercular agents. SR Pattan, SG Jadhav, JS Pattan, KG Bhat, AB Khade, Indian Journal of Heterocyclic Chemistry 17 (1), 2007, 91-92. (Impact factor 0.305)
19. Synthesis of some new thiadiazole derivatives and their antidiabetic activity. Pattan SR, Desai NS, Khade AB, Rasal VP, Paschapur MS. Indian Journal of Heterocyclic Chemistry, 17 (3), 2008, 283-284. (Impact factor 0.305)
20. Synthesis and pharmacological screening of some 1,4-dihydropyridines for anti-inflammatory activity, BSD Pattan S.R, Kittur B.S., Mannur V.S., Kavatagimath, Indian Drugs 45 (10), 2008., 21-27.
21. Synthesis and biological evaluation of some new benzopyrones, SR Pattan, SG Jadhav, GS Neeli, AB Khade, AA Bukitagar, Indian Journal of Heterocyclic Chemistry. 17 (1), 2007, 23-26. (Impact factor 0.305)
22. Synthesis of new mercapto triazoles and their derivatives as anti-inflammatory agents. SR Pattan, PN Prajapati, NS Desai, AB Khade, AD Tarnalli, Indian Journal of Heterocyclic Chemistry. 17 (1), 2007, 105-106. (Impact factor 0.305)
23. Synthesis and Evaluation of Some Indole and Pyrazole Derivatives for anti-inflammatory Activities, SR Pattan, BR Natraj, V Ramesh, AD Tarnalli, AR Bhat, MS Palled, AG Nikhalje, VP Rasal, AB Khade. Indian Drugs, 44 (6), 2007, 439-443. (Scopus Indexed)

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24. Synthesis of 2-amino [5'-(4-sulphonyl benzilidene)-2,4-thiazolidinedione]-6-fluoro benzothiazoles as antiinflammatory agents. Pattan SR, Khade AB, Pawar PD, Taranalli AD, Kittur BS, Borkar SD. Indian Journal of Heterocyclic Chemistry, (16), 2007, 299-300. (Impact factor 0.305)
25. Burli DA, Khade AB. A comprehensive review on Butea monosperma (Lam.) Kuntze. Pharmacognosy Reviews, 1, (2), 2007, 333-337. (Scopus Indexed)

Note: Impact factor mentioned here is taken from Thomson router (Web of Science)

Presentations:

Oral presentations at Conferences:

1. Rational design and synthesis of Diphenyl ether derivatives as antitubercular agents. Amol B. Khade, G Gautham Shenoy, International Conference on Environment Development and sustainability at ASP College, Devrukh on 15/12/2018.
2. Amol B Khade, Sidhartha S Kar, Cinu Thomas A, Vandana K E, Varadaraj Bhat G, G Gautham Shenoy. Rational Drug Design Based Synthesis of Novel Diphenyl Ether Derivatives As Antitubercular Agents. International Conference on computational methods in engineering and health Sciences (ICCMEH), Malaysia, 2015.

Posters presentations at Conferences:

3. Design, synthesis, evaluation and molecular dynamic simulation of triclosan mimic diphenyl ether derivatives as antitubercular and antibacterial agents. Amol B. Khade, Helena I.M. Boshoff, Kriti Arora, K. E. Vandana, Ruchi Verma, G. Gautham Shenoy. G-CEIP 6th Annual International Conference on IPR - Dec. 1-2, 2021.
4. Repurposing of drugs: A tool for drug discovery. Balisakina Z., Pooja Mahadik and Amol B. Khade, Novel trends in drug design and natural product chemistry, at YBCP, Sawantwadi on 02/02/2019. Received 2nd prize for the poster.
5. Rational design and synthesis of Diphenyl ether derivatives as antitubercular agents. Amol B. Khade, University of Mumbai, Minor Research Grant Presentation at Convocation Hall, Fort, Mumbai on 12/03/2019.
6. Rational design and synthesis of Diphenyl ether derivatives as antitubercular agents. Amol B. Khade, G Gautham Shenoy and Vandana K.E. Manipal Research Colloquium, 2016 at Manipal University, Manipal on 05/4/2016.
7. Molecular docking, synthesis and antitubercular evaluation of Novel Diphenyl Ether Derivatives. Amol B Khade, Cinu Thomas A, Sidhartha S Kar, Varadraj Bhat G, Vandana K E, G Gautham Shenoy International Conference on Healthcare and Technical Research (ICHTR), Manipal University, Manipal.
8. Synthesis and evaluation of some indole and pyrazole derivatives for their anti-inflammatory activities. Pattan SR, Khade AB, Natraj BR, Pawar PD, Desai NS. 58th Indian Pharmaceutical Congress (IPC), 2006.Mumbai.
9. Synthesis and evaluation of some 1,4-dihydropyridine and their derivatives as antihypertensive activities. Pattan SR, Titiya TR, Khade AB, Purohit SS, 58th Indian Pharmaceutical Congress (IPC), 2006. Mumbai.

Conferences and Workshop attended:

QIPs and AICTE Sponsored seminars/workshops attended

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1. AICTE Online Training and Learning (ATAL) Academy on “Drug Engineering” organized by Bombay College of Pharmacy, Mumbai from 21st September 2021 to 25th September 2021.
2. AICTE Online workshop on “Inculcating Universal Human Values in Technical Education” by AICTE, New Delhi from 13th May 2020 to 17th May 2020.
3. AICTE Online Training and Learning (ATAL) Academy on “Chromatography: Advancements in Instrumentation and Applications” by Dr D Y Patil Institute of Pharmaceutical Sciences and Research, Pune from 12th October 2020 to 16th October 2020.
4. AICTE Sponsored Quality Improvement Programme (QIP) on “Drug Discovery and analytical Techniques: An update in Education and Research” from 4th November 2019 to 12th November 2019 at Manipal College of Pharmaceutical Sciences, Manipal.
5. AICTE Sponsored Quality Improvement Programme (QIP) on “ New Chemical entities and Biosimilars” Strategies for design and development” from 18th January 2016 to 31st January 2016 at Manipal College of Pharmaceutical Sciences, Manipal.
6. AICTE Sponsored Quality Improvement Programme (QIP) on “Spectral-based structural insights into drugs” from 19th to 24th January 2015 at Pharmacy Department, Faculty of Technology and Engineering, The M.S. University of Baroda.
7. AICTE Sponsored Two weeks Quality Improvement Program (QIP) entitled “Lead from Natural and Synthetic Sources” from 3rd to 15th June 2013 at Manipal College of Pharmaceutical Sciences, Manipal.
8. AICTE Sponsored Two weeks Quality Improvement Program (QIP) entitled “Advances in Chromatographic Techniques” from 18th Feb 2008 to 1st March 2008 at B.V.’s Poona College of Pharmacy, Pune.
9. AICTE Sponsored Two weeks Quality Improvement Program (QIP) entitled “Perspectives in drug discovery and development” from 16th June 2008 to 28th June 2008 at Manipal College of Pharmaceutical Sciences, Manipal.
10. ISTE sponsored a workshop on “Open learning software laboratory” from 1st Feb 2010 to 15th Feb 2010 at Rajendra Mane College of Engineering and Technology, Ambav, Ratnagiri.
11. AICTE sponsored a seminar on “Applications of soft technologies in higher education” from 25th July 2008 to 26th July 2008 at Rajendra Mane College of Engineering and Technology, Ambav, Ratnagiri.
12. AICTE Sponsored National level seminar on “Design, Synthesis & evaluation of Medicinal compounds by Microwave Technique” from 8th June to 10th June 2007 at Dayanand Sagar College of Pharmacy, Bangalore.

UGC Sponsored seminars/workshops attended.

13. Two weeks UGC Networking training course on Computer-Aided Drug Design: Hands-on workshop at UGC Networking Resource Centre, UIPS, Panjab University, Chandigarh from 28th January to 9th February 2013.

PCI Sponsored seminars/workshops attended.

14. One day CPE webinar on “Understanding Practice School and its Concepts in UG Pharmacy Education” on 23/05/2020 organized by Pharmacy Council of India and JSS Academy of Higher Education and Research, Mysuru.

IPCs attended

15. 62nd Indian Pharmaceutical Congress 2010 at Manipal, (Karnataka), India.
16. 59th Indian Pharmaceutical Congress 2007 at Banaras, (Uttar Pradesh), India.
17. 58th Indian Pharmaceutical Congress 2006 at Mumbai, (Maharashtra), India.
18. 54th Indian Pharmaceutical Congress 2002 at Pune, (Maharashtra), India.

IITs attended & Others

19. An online course, recognized by Skill Council for Green Jobs, conducted from 01 May 2019 to 31 Dec 2019 for Student Solar Ambassador Workshop 2019, offered by IIT, Bombay.
20. Five-day e-Faculty Development Program on “Building research and Innovative culture among Pharmacy teachers” from 18/05/2020 to 22/05/2020 organized by D.Y.Patil College of Pharmaceutical Sciences and Research, Pimpri, Pune.
21. One day State level seminar on “Scientific way to research” Organized by GNCOP, Sawarde, Chiplun on 06/02/2018.
22. Two days workshop on “E-content and digital presentation development for educational video production” at ASP College, Devrukh from 16/10/2018 to 17/10/2018.
23. One day seminar on “Let’s do NBA Accreditation” held at VCOP, Chembur, Mumbai on 16/02/2017.
24. Two days’ workshop on “Molecular Modeling and Drug Discovery-IV” in collaboration with Schrodinger at PSG College of Pharmacy, Coimbatore, Tamilnadu during 25th – 26th May 2015.
25. Workshop on Computer-Aided Drug Design Tools at JSS College of Pharmacy, Mysore during 28th and 29th November 2014.
26. Summer School for Research Scholars at Manipal University, Manipal from 3rd June to 2nd July 2013.
27. Workshop on Nuclear Magnetic Resonance: Concepts and Interpretation of Spectra at Manipal College of Pharmaceutical Sciences, Manipal from 26th November to 28th November 2012.
28. Indo-Australian Symposium on Pharmacogenomics, Sponsored by Australian Educational International Govt. and MAHE, TIFAC-CORE, Department of Biotechnology, Manipal on 10th March 2006.
29. 2nd International Symposium on Drug Discovery & Process Research (DDPR–2006) at Belgaum. (Karnataka), India.