


P. R. PotePatil College of Pharmacy, Amravati

Faculty Profile

Name:	:	Dr. Prashant Arun Patil	
Qualification	:	M. Pharm. (Pharmaceutical Chemistry), Ph.D.	
Designation	:	Associate Professor	
Total Experience	:	Academic: 15 Years Industrial: -	
Google Scholar Profile	:	https://scholar.google.co.in/citations?user=8g5rLEwAAAAJ&hl=en	
Grant Received	:	20 lacs	
Students Guided	:	30 at UG	
Core Competency Area	:	Synthetic chemistry, CADD	
Achievements	:	<ul style="list-style-type: none"> • Awarded as a Best Teacher at Siddhant College of Pharmacy, Pune for the Academic Year 2006-07. • Received the V-Life Best Publication 2012 Award for research Published in Korean Chemical Society. The award was received by Dr. K. P. Bhusari and Mr. P. A. Patilin a function held at Hyatt Regency, Pune on 9th June 2012. 	
Professional Memberships	:	-	
Seminars/ Workshops/ Conferences attended	:	<ol style="list-style-type: none"> 1. IUPAC Sponsored 2nd International Symposium on Green Chemistry; Combinely organised by Dept. of Chemistry, University of Delhi & New Jerrsey Institute of Technology, USA.; 10-13 Jan 2006. 2. 21st FAPA Congress 2006, Yokohama, Japan; 18-21 Nov 2006. 3. AICTE sponsored National seminar on advances in quality assurance of pharmaceuticals organised by Sharad Pawar College of Pharmacy, Nagpur, 10th Feb: 2009. 4. 1st National convention on 'Recent trends in pharmaceutical sciences & drug discovery', organised by Kamla Nehru College of Pharmacy, Nagpur, 22-23 Nov 2009. 5. National seminar sponsored by National Institute for Intellectual Property Management, Nagpur on 'Intellectual Property Rights on Pharmaceuticals', organised by Sharad Pawar College of Pharmacy, Nagpur, 23 Sep 2011. 6. AICTE sponcered National Seminar on 'UNITED PHARMACY-MEDICAL APPROACH- For better health-care' organised by organised by Sharad Pawar College of Pharmacy, Nagpur, 20th 	

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November 2011.

7. AICTE sponsored National Conference on 'Advances in Bio-analytical Techniques', organised by Bharati Vidyapeeth Deemed University, Poona College of Pharmacy, Pune on 21st and 22nd September 2013.
8. 19th Annual National Convention of Association of Pharmaceutical Teachers of India (APTICON-2014) at Balewadi Sports complex, Pune on 28th, 29th & 30th November 2014.
9. The 'SWMT-2014: International Conference on Solid Waste Management and Technology' organised by Bharati Vidyapeeth Deemed University - Poona College of Pharmacy, Pune during January 8 – 9, 2014

Publication at Credit

1. Synthesis of 3,4-Dihydropyrimidine-2(1H)-one Derivatives using Microwave for their Biological screening; P. A. Patil, R. P. Bhole, R. V. Chikhale, K. P. Bhusari; International Journal of Chem Tech Research; Vol.1, No.2, April-June 2009, 373-384
2. Synthesis antimicrobial activity of some ethyl [6-methyl-2-methoxy-3-(substituted phenylethanone)-4-(substituted phenyl)]- 1,2,3,4-tetrahydro pyrimidine-5- carboxylate; P. A. Patil, R. P. Bhole, R. V. Chikhale, K. P. Bhusari, P. B. Khedekar; Der Pharma Chemica; Vol 1(1), 2009, 247-257
3. Synthesis of 3,4-Dihydro-1H-pyrimidine-5-carbohydrazide Derivatives and their pharmacological screening, R. P. Bhole, P. A. Patil, K. P. Bhusari, Asian J. Research Chem. 3(3): July- Sept. 2010
4. Synthesis and biological evaluation of new heterocyclic moiety n-(2-furylmethyleneamino)-3,4-dihydro-1h-pyrimidine-5-Carboxamide derivatives; P. A. Patil, K. P. Bhusari, R. P. Bhole, S. S. Chitlange; Organic Chemistry an Indian Journal; 8(7), 2012 [249-258].
5. Design and Synthesis of *p*-hydroxybenzohydrazide Derivatives for Their Antimycobacterial Activity, Prashant. A. Patil, Kishore. P. Bhusari, Ritesh. P. Bhole, Deepak. D. Borkar, Journal of the Korean Chemical Society, Vol. 56, No. 2, 2012.(Received Best Publication Award for 2012 by V-Life Sciences,)
6. Design and synthesis of some new heterocyclic benzylidene hydrazide derivatives for their antileishmanial activity; Prashant Patil, Ritesh Bhole, Pritam Agale, Sanajay Wate, Kishore Bhusari; Marmara Pharmaceutical Journal 17: 1-7, 2013
7. 3D-QSAR study, synthesis and biological evaluation of *p*- hydroxybenzohydrazide derivatives as antimicrobial agents, PA Patil; ND Amnerkar; SS Pathare; KP Bhusari. Der Pharma Chemica, 2014, 6, 6, 300.
8. Docking study of *p*-hydroxybenzohydrazide derivatives as tyrosine kinase inhibitors-an anticancer agents, Prashant A. Patil, Nikhil D. Amnerkar, Sandeep S. Pathare, Kishore P. Bhusari, Journal of Computational Methods in Molecular Design, 2015 5, 2, 109-114.
9. Synthesis and anticancer activity of some new *N'*-[(3-Substituted alkyl/aryl)-4-oxo-1,3-thiazolidin-2-ylidene]-

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	<p>4-hydroxybenzohydrazide derivatives; P. A. Patil, S. S. Pathare, K. P. Bhusari; Journal of Chemical and Pharmaceutical Research, 2016, 8, 4, 988-994.</p> <p>10. QSAR and docking study of p-Hydroxyphenylbenzohydrazide derivatives as ACE inhibitors- an antihypertensive agents, P. A. Patil, S. S. Pathare, K. P. Bhusari; International Journal of PharmTech Research, 2016, 9, 5, 306- 314.</p> <p>11. Herbal drugs Used on Parkinson Disease, Shatrughna U. Nagrik, Prashant Patil, Deepak M. Nagrik, Journal of Drug Delivery and Therapeutics, 2020, 10 (4-S), 235-239.</p> <p>12. Study of medicinal uses of Ocimum sanctum (Tulsi), Amol G Jadhao, Prashant A. Patil, Nikhil Sudhakar Gulhane, Chaitanya D. Ghode, Journal of Pharmacognosy and Phytochemistry, 2021, 10, 2, 1427-1431.</p> <p>13. A Pharmacological Potential of Adina cordifolia, Aishwarya P. Dalu, Vinayak S. Zagare, Priyamala E. Avchar, Megha P. Kadam, Ashwini S. Ingole, Shatrughna U. Nagrik, Prashant A. Patil, Journal of Drug Delivery and Therapeutics, 2021, 11, 2-S, 132-135.</p> <p>14. A Review of the Pharmacological Characteristics of Vanillic Acid, Ashwini Ingole, Megha P. Kadam, Aishwarya P. Dalu, Shital M. Kute, Piyusha R. Mange, Vaishali D. Theng, Om R. Lahane, Aniket P. Nikas, Yash V. Kawal, Shatrughna U. Nagrik, Prashant A. Patil, Journal of Drug Delivery and Therapeutics, 2021, 11, 2-S, 200-204.</p> <p>15. Formulation and Evaluation of Herbal Syrup, Amol G. Jadhao, Miss Jayshri Sanap, Prashant A. Patil, Asian Journal of Pharmaceutical Research and Development, 2021, 9, 3, 16-22.</p>
<p>Presentations</p>	<p>1. Ultrasonically assisted synthesis and characterisation of 3, 4-dihydropyrimidines and Hanstch 1, 4-dihydropyridines using silica gel as catalyst Paper presented on 2nd International Symposium on Green / Sustainable Chemistry at New Delhi in January, 2006</p> <p>2. Synthesis, characterisation and pharmacological evaluation of some novel derivatives of 4-aryl-3,4- dihydropyrimidin-2(1H)-ones through ultrasound mediated Vilsmeier-Haack reaction Paper presented on 22nd Nov 2006 at 21st FAPA Congress 2006, Yokohama, Japan</p> <p>3. Synthesis and biological evaluation of ethylenediamine and benzathine conjugates of diclofenac Paper presented on 22nd Nov 2006 at 21st FAPA Congress 2006, Yokohama, Japan</p> <p>4. Synthesis And Pharmacological Evaluation Of Some Substituted Imidazoles On Indole Moiety Paper presented in 62nd Indian Pharmaceutical Congress 2010, Manipal, 17-19 Dec. 2010.</p> <p>5. Synthesis Of Some Novel 3- (Substituted 1-Phenylethanone)-4- (Substituted Phenyl)-1,2,3,4- Tetrahydropyrimidine-5- Carboxylates Derivatives As Anti- Hypertensive Agents Paper presented in 62nd Indian Pharmaceutical Congress 2010, Manipal, 17-19 Dec. 2010.</p> <p>6. Hydrazide Derivative: An Approach To Design Antileishmanial Agents Paper presented in 15th APTI, 2-3 Nov.2010, Hyderabad.</p>

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7. Study of different quality assurance parameters of polyherbal infantal:syrup Paper presented in 15th APTI, 2-3 Nov.2010, Hyderabad.
8. Comparative study of 3d-qsar models of some novel p-hydroxybenzohydrazide moieties for antimicrobial screening Paper presented in 15th APTI, 2-3 Nov.2010, Hyderabad.
9. Design of some new potent antimycobacterial compounds containing 4-hydroxy-n'-(1,3 thiazolidin-2- yldene)benzohydrazide through qsar Paper presented in 15th APTI, 2-3 Nov.2010, Hyderabad.
10. Development and validation of HPTLC method for Gallic acid, Sennoside A and B- Asarone in Infantal polyherbal syrup formulation Paper presented at AICTE sponcered National Seminar on 'UNITED PHARMACY-MEDICAL APPROACH- For better health-care' organised by organised by Sharad Pawar College of Pharmacy, Nagpur, 20th November 2011.
11. Synthesis of some new 3-substituted oxazolyl indole derivatives as a potent anti-inflammatory agents Paper presented at AICTE sponsored National Seminar on 'UNITED PHARMACY-MEDICAL APPROACH- For better health-care' organized by Sharad Pawar College of Pharmacy, Nagpur, 20th November 2011.
12. Synthesis of some new 3-substituted thiazolyl indole derivatives as a potent anti-inflammatory agents Paper presented at AICTE sponsored National Seminar on 'UNITED PHARMACY-MEDICAL APPROACH- For better health-care' organized by Sharad Pawar College of Pharmacy, Nagpur, 20th November 2011.
13. Synthesis of some new p- Hydroxybenzohydrazide derivatives via QSAR for their antimicrobial activity Paper presented at AICTE sponcered National Seminar on 'UNITED PHARMACY-MEDICAL APPROACH- For better health-care' organized by Sharad Pawar College of Pharmacy, Nagpur, 20th November 2011.
14. Synthesis and anti-tubercular activity of p- Hydroxybenzohydrazide derivatives Paper presented at AICTE sponsored National Seminar on 'UNITED PHARMACY-MEDICAL APPROACH- For better health-care' organized by Sharad Pawar College of Pharmacy, Nagpur, 20th November 2011.
15. 3D-QSAR Studies of Benzylidene Hydrazide Derivatives as *Leishmania donavani* Inhibitor: k- Nearest Neighbour Paper presented at V-Life Sciences Best publication award function and seminar, held at at Hyatt Regency, Pune on 9th June 2012.

Conferences & Seminars Organized

1. National level workshop on 'New trends in drug discovery- QSAR and docking studies', conducted as a co-convenor, organised by Sharad Pawar College of Pharmacy, Nagpur, 21-22 October 2011.
2. State Level Cricket Tournament, '30th PharmacyCup': 2015-16, conducted as Event In-charge, Organised by Bharati Vidyapeeth University, Poona College of Pharmacy, Pune during 12 to 16 January

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2016.

- 3. State Level Cricket Tournament, '31st PharmacyCup': 2016-17, conducted as Event In-charge, Organised by Bharati Vidyapeeth University, Poona College of Pharmacy, Pune during 30 Jan to 03 Feb 2017**