

Dr. Laxman A. Kawale

Assistant Professor in Pharmaceutical Chemistry,

M. V. P. Samaj's College of Pharmacy,

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Personal Profile

Date of Birth : 20th May, 1975

Sex : Male

Marital Status : Married

Nationality : Indian

Educational Profile

Ph. D. : Year: 2010

University: University of Pune

M. Pharm. : Pharmaceutical Chemistry

Class obtained: First Class (61.0 %)

Year of Passing: 2000

University: University of Pune

B. Pharm. : Class obtained: First Class (64 %)

Year of Passing: 1998

University: Dr. Babasaheb ambedkar Marathwada

University, Aurangabad

Teaching Experience : 20 years (Assistant professor in Pharmaceutical Chemistry)

Institute : M.V.P. Samaj's College of pharmacy, Nashik

Designation : Assistant professor in Pharmaceutical Chemistry

Research Profile

Research projects Completed

Total amount of research grant received: 26.50 lacs.

Sr. No.	Name of funding agency	Name of the scheme	Title of the research project	Year of funding	Amount sanctioned (Rs.)
1.	University of Pune	Minor Research	SYNTHESIS AND CNS DEPRESSANT ACTIVITIES OF QUINAZOLINE DERIVATIVES	2013	2.30 lac
1.	All India Council for Technical Education (AICTE)	RPS-A	DESIGN, SYNTHESIS AND PHARMACOLOGICAL EVALUATION OF SOME PIPERAZINE CONTAINING ANALOGUES FOR CARDIOVASCULAR DISEASES	2013	11.50 lac
2.	All India Council for Technical Education (AICTE)	RPS-B	MOLECULAR MODELING, DESIGN, SYNTHESIS AND ANTIPSYCHOTIC ACTIVITY OF SOME PIPERAZINE CONTAINING DIBENZODIAZEPINE DERIVATIVES	2008	10.0 lac
3.	University of Pune	Minor Research	SYNTHESIS AND ANTIPSYCHOTIC ACTIVITY OF DIBENZODIAZEPINE DERIVATIVES	2008	1.5 lac
4.	University Grant Commission	Minor Research project	SYNTHESIS, ANTIPSYCHOTIC ACTIVITY OF DIBENZODIAZEPINE AND THIENO- [2, 3-B] [1,5]- BENZODIAZEPINE PIPERAZINE DERIVATIVES	2009	1.2 lac

Research area : New drug design, Quality assurance, Validation, Neuropharmacology, Cardiovascular Pharmacology.

Research Publications:

Papers Published: 31

1. Nade VS, Mardhekar VY, Bhoje UR, Kawale LA. (2020). Investigation of the neuroprotective effect of Linagliptin and Celiprolol in Reserpine-induced orofacial dyskinesia and Rotenone-induced neurodegeneration in rats. *International Journal of Current Pharmaceutical Research*. 12(1), 63-71.
2. Dumbare M, Kawale LA, Nade VS, Deshmukh R. (2018). Review article on Thiazolidine-2,4-Diones as insulin sensitizing agent. *International journal of Pharmacotherapy*. 8(2), 39-53.
3. Gaikwad S, Kawale LA, Ahire K, Yadav S, Bodile S. (2016). Development and validation of stability indicating RP-HPLC method for simultaneous estimation of Rosuvastatin calcium and Fenofibrate in Bulk and Pharmaceutical dosage form. *Indo American Journal of Pharmaceutical Research* . 6 (5), 5521-5530.
4. Khivasara A. Kawale LA, Shirode L, Badhe N, Ahire P Lale S. (2016). Development and validation of stability indicating RP-HPLC method for simultaneous estimation of Rosuvastatin calcium and Aspirin in Bulk and Pharmaceutical dosage form. *Indo American Journal of Pharmaceutical Research*. 6(2). 4417- 4426.
5. Kawale LA, Kadale SB, Dalvi PB, Bagul VB, Bagul SB. (2016). Synthesis and evaluation of antimicrobial activity of 2-substituted-1H-benzimidazole derivatives. *Inventi Rapid*. Issue 4, 1-6.
6. Dumbare M, Kawale LA, Nade VS, Deshmukh R. (2016). Review on Diabetes Mellitus. *International journal of Pharmacotherapy*. 6 (1), 24-45.
7. Nade VS, Dharmadhikari PP, Kawale LA. (2015). Anti-fibrotic effect of Irbesartan via attenuation of endoplasmic reticulum stress in isoprenaline-induced myocardial fibrosis. *International journal of Pharmacology and Clinical Science*. 4(4), 76-82.
8. Nade VS. Kawale LA. Zambre SS. Kapure AB. (2015). Neuroprotective potential of *Beta vulgaris* L. in Parkinson's disease. *Indian Journal of Pharmacology*. 47 (4), 403-408.

9. Nade VS, Kawale LA, Shah SV, Dharmadhikari PP. (2015). Neuroprotective effect of PPAR- γ agonist in Parkinson's disease. *International Journal of Pharmacology and Toxicology*. 5 (2). 118-124.
10. Nade VS, Kawale LA, Dharmadhikari PP. (2015). Sodium valproate attenuates doxorubicin-induced myocardial fibrosis via collagen synthesis regulation by inhibition of histone deacetylase. *International Journal of Pharmacology and Toxicology*. 5 (2). 135-140.
11. Nade VS, Kawale LA, Patel KM. (2015). Protective effect of sitagliptin and rosuvastatin combination on vascular endothelial dysfunction in type-2 diabetes- *Indian Journal of Pharmaceutical sciences*. 77 (1) 96-102.
12. Nade V S, Kawale LA, Valte KD, Shendye NV. (2015). Cognitive enhancing effects of angiotensin converting enzyme inhibitors and angiotensin receptor blockers in learning and memory. *Indian Journal of Pharmacology*. 47 (3), 263-269.
13. Nade VS, Kawale LA, Tajanpure AB. (2015). Antihypertensive Potential of *Boerhaavia Diffusa* L. In Adrenaline-Induced Hypertensive Model. *International Journal of Experimental Pharmacology*. 5 (1): 24-30.
14. Nade VS, Kawale LA, Khatri ML, Dharmadhikari PP, Pagare PP, Tajanpure AB. (2015). Modulation of stress by *Boerhaavia Diffusa* in sleep deprivation stress and cold restraint stress models. *Journal of Pharmaceutical Biology*. 5 (2), 117-123.
15. Nade VS, Kawale LA. (2015). Targeting serotonergic pathway for anti-amnesic activity by *Morus alba* L. *International Journal of Pharmaceutical Sciences and Drug Research*. 7(1): 27-32.
16. Nade VS, Kawale LA, Zambare SS, Dharmadhikari PP, Pagare PP. (2014). Ameliorative Effect of Nebivolol in Parkinson's disease. *American Journal of Pharmacology and Pharmacotherapeutics*. 2014; 1(3): 116-126.
17. Nade VS, Kawale LA, Shendye NV. (2014). Ameliorative effect of Resveratrol on HPA axis modulated chronic restraint stress in rats. *International Journal of Experimental Pharmacology*. 4, (2):132-139.
18. Nade VS, Kawale LA, Shendye NV, Patil NR. (2014). Protective effect of Nebivolol on aluminium-induced neurobehavioral and biochemical alterations in rats. *International Journal of Pharmacy and Pharmaceutical Sciences*. 6(7), 386-391.

19. Nade VS, Kawale LA, Deshmukh PS, Patil YK. (2014). Protection against endothelial dysfunction by Pioglitazone and Irbesartan in fructose-fed diabetic rats. *International Journal of Pharmaceutical Development and Technology*. 4(3), 197-203.
20. Nade VS. Kawale LA. Deshmukh PS. Zambare SS, Wale YB. (2014). Amelioration of Endothelial Dysfunction Associated with Diabetes Mellitus and Hypertension by Etoricoxib, Lornoxicam and Allopurinol. *International Journal of Pharmaceutical Sciences and Drug Research*. 6(2), 132-136.
21. Nade VS. Shendye NV. Kawale LA. Patil NR, Khatri ML. (2013). Protective effect of nebivolol on reserpine induced neurobehavioral and biochemical alterations in rats. *Neurochemistry International*. 63 (4), 316-321.
22. Nade VS. Kawale LA, Bhangale SP, Wale YB. (2013). Cardioprotective and antihypertensive potential of *Morus alba* L. in Isoproterenol - induced myocardial infarction and renal artery ligation-induced hypertension. *Journal of Natural remedies*. 13 (1), 55-67.
23. Nade VS. Kawale LA, Patel KM. Todmal UB. (2012). Effect of Bromocriptine on cardiovascular complications associated with type II diabetes. *Indian Journal of Pharmacology*. 44 (6), 688-693.
24. Nade VS. Kawale LA, Choudhary RS, Patel KM. (2012). Metformin and Pioglitazone ameliorate cardiovascular complications associated with metabolic syndrome. *Inventi Rapid-Molecular Pharmacology*. Issue 2.
25. Nade VS. Kawale LA. Kanhere SV. Yadav AV. (2011). Cognitive enhancing and antioxidant activity of ethyl acetate soluble fraction of methanol extract of *Hibiscus rosa sinensis* in scopolamine-induced amnesia. *Indian Journal of Pharmacology*. 43(1), 6-12.
26. Nade VS. Kawale LA. Yadav AV. (2010). Protective effect of *Morus alba* leaves on haloperidol-induced orofacial dyskinesia and oxidative stress. *Pharmaceutical Biology*. 48(1), 17-22.
27. Nade VS. Kawale LA. Dwivedi S. Yadav AV. (2010). Neuroprotective effect of *Hibiscus rosa sinensis* in an oxidative stress model of cerebral post- ischemic reperfusion injury in rats. *Pharmaceutical Biology*. 48(7), 822-827.
28. Nade VS. Dwivedi S. Kawale LA. Upasani CD. Yadav AV. (2009). Effect of *Hibiscus rosa sinensis* on reserpine-induced neurobehavioral and biochemical alterations in rats. *Indian Journal of Experimental Biology*. 47. 559-563.

29. Nade VS. Kawale LA. Naik RA, Yadav AV. (2009). Adaptogenic effect of *Morus alba* on chronic footshock-induced stress in rats. Indian Journal of Pharmacology. 41(6), 246-251.
30. Nade VS. Kawale LA. Dwivedi S. Yadav AV. (2009). Neuropharmacological evaluation of *Hibiscus rosa sinensis* roots in experimental animals. Journal of Natural Remedies. 9(2). 142-151.
31. Yadav AV. Kawale LA. Nade VS. (2008). Effect of *Morus alba* L (Mulberry) leaves on anxiety in mice. Indian Journal of Pharmacology. 40(1), 32-36.

Patents: 03

1. **Title** : Quantitative estimation of soluble collagen from myocardial tissue using modified micro Lowery method.
Authority : Government of India.
Application no : 4054/MUM/2014
Filing Date : 17/12/2014

2. **Title** : Use of *Morus alba* in depressive disorder.
Authority : Government of India.
Application no : 1225/MUM/2009
Filing Date : 27/05/2009

3. **Title** : Use of *Hibiscus rosa sinensis* extract in cognitive dysfunction.
Authority : Government of India.
Application no: 1175/MUM/2009
Filing Date : 05/05/2009

Presentations

Papers presented at national level conferences: 10

M. Pharm Students Guided: 41

Ph. D. Students: Awarded- 01

Registered_ - 02

Professional Experience

Refresher Course Attended: 11 weeks.

Sr. No.	Name of Institute	Course Title	Dates	Period (Week)
1.	Govt Polytech. Nashik Sponsored By : National Institute of Technical Teachers Training and Research, Bhopal(NITTTR)	Induction training programme Phase-I	19/5/2008 to 30/05/2008	2 week
2.	Thermofisher India Ltd.	Gas Chromatography	10/12/2008 to 15/12/2008	1 week
3.	M.V.P.S. College of Pharmacy, Nashik Sponsored By :National Institute of Technical Teachers Training and Research, Bhopal(NITTTR)	NBA Accreditation, Institution Building, Performance Appraisal and Staff Development	03/05/2010 to 07/05/2010	1 week
4.	MVPS College of Pharmacy, Nashik. Sponsored by: AICTE	Advanced Experimental Techniques in Pharmaceutical Chemistry.	7/11/2011 to 19/11/2011	2 weeks
5.	Government College of Pharmacy, Aurangabad. Sponsored by: AICTE	Innovative Instructional Tools : Use of Softwares	16/04/2012 to 20/04/2012	1 week
6.	Govt Polytech. Nashik Sponsored By : National Institute of Technical Teachers Training and Research, Bhopal(NITTTR)	Personality Development through Positive Thinking	21/7/2014 to 25/7/2014	1 week
7.	Government College of Engineering, Karad Sponsored by; TEQIP	Recent Trends in Material Science for Engineering and Technology	11/5/2015 to 15/5/2015	1 week
8.	Government College of Engineering, Karad Sponsored by : STTP-TEQIP	Advanced research thrust areas in Engineering and Sciences	21/11/2015 to 30/11/2015	2 weeks
9.	Govt Polytech. Nashik Sponsored By : National	Accreditation of Engineering	02/07/2018 to 06/07/2018	1 week

	Institute of Technical Teachers Training and Research, Bhopal(NITTTR)	Programmes		
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Other activities:

Write columns and articles in various Marathi news papers on socio-political and economical issues. Delivers lectures on various social topics throughout Maharashtra.

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