

Paper Publications

ACADEMIC YEAR 2024-25

Sr. No.	Title of the Paper	Author and Co-authors	Department	Journal Name	Year	Volume	Issue	Page No.	DOI Number	Journal Type: Indexed (Scopus, Web of Science) / Peer-reviewed/ Open Access
1.	Effect of Magnesium Stearate and Fines on Delivery of Dry Powder for Inhalation using Sucrose as a Carrier.	Jadhav G, Dr. M. P. Wagh, Inamdar N.	Pharmaceutics	International Journal of Drug Delivery Technology. ISSN: 0975 4415	2024	14	2	839-846	-	UGC-CARE,
2.	Quisqualis indica Linn.: HRLCMS/MS profiling and anti-asthma activity of leaf extracts	Charulata T. Nemade, Anilkumar N. Aher	Pharmacognosy	Future Journal of Pharmaceutical Sciences, 2314-7253	2024	10	13	1-9	10.1186/s43094-024-00586-5	Web of Science, International
3.	Plumeria Rubra: A Blooming Delight - A Review of Nature's Floral Gem in Asthma	Nikita Sunil Jadhav, Pooja Lokhande, Pooja Patil, Nutan Navle, Chetan Darade, Dr. A N Aher, Dr. S R Gawali	Pharmacognosy	International Journal of Pharmaceutical Research and Applications, 2456-4494	2024	9	3	2314-2319	10.35629/494-090323142319	International
4.	Isolation of Phytopharmaceuticals by Flash Chromatography:	Akashada Kale, Dr. A.N.Aher	Pharmacognosy	International Journal of Creative Research Thoughts (IJCRT), 2320-2882	2024	12	2	859-860		International
5.	In-vitro Anti-inflammatory and Antioxidant Activity on Flower of Plumeria rubra	Manisha M. Surana, A. N. Aher	Pharmacognosy	Journal of Medicinal Plants Studies, 2320-3862 (Online), 2394-0530 (Print)	2024	12	51	49-53		International

6.	Exploring the anti-asthmatic and anti-inflammatory potencies of <i>Calotropis gigantea</i> Linn flower extracts	Raosaheb Y. Ghegade, Vishal B. Jadhav, Anilkumar N. Aher , Pramod N. Katkade	Pharmacognosy	Research J. Pharmacy and Technology (ISSN 0974-3618 (Print) 0974-360X (Online))	2025	18	2	671-676	10.52711/0974-360X.2025.00099	National
7.	Nature's Remedy: A Comprehensive Review Of Anti-Hypertensive Drugs	Dr. Anilkumar Aher , Samyak Jadhav, Yash Kadu, Shreya Gurgude, Rohit Jadhav, Aishwarya Halde	Pharmacognosy	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT) (ISSN: 2320-2882)	2025	13	3	h458-h467		International
8.	Characterization and Investigation Study on <i>Agave sisalana</i> Perrine	Anikumar Aher , Sonali Gawali , Chetan Darade, Pranjali Jadhav, Vaishnavi Kamble, Suraj Kharat, Harshada Tamkhane, Vaibhav Pawar	Pharmacognosy	Asian Journal of Pharmaceutical Analysis (ISSN 2231-5667 (Print) 2231-5675 (Online))	2025	15	02	103-108	10.52711/2231-5675.2025.00017	International
9.	Pharmacognostic Review on <i>Thunbergia grandiflora</i> Roxb. (Family - Acanthaceae)	Anilkumar Aher , Sonali Gawali , Pranjali Jadhav, Chetan Darade, Vaishnavi Kamble, Suraj Kharat, Harshada Tamkhane	Pharmacognosy	Research Journal of Pharmacognosy and Phytochemistry (ISSN 0975-2331 (Print) 0975-4385 (Online))	2025	17	02	135-142	10.52711/0975-4385.2025.00023	National
10.	Evaluation of Neuroprotective Effect of Salicin in an Experimental Animal Model of Streptozotocin Induced Diabetic Neuropathy	G.B.Jadhav S.J.Khairnar	Pharmacology	JOURNAL OF NATURAL REMEDIES eISSN: 2320-3358	2024	24	6	1275-1287	DOI: 10.18311/jnr/2024/35277	Scopus
11.	Acute and sub-acute toxicity studies of hydro-alcoholic extract	G.B.Jadhav S.B.Pokale	Pharmacology	Advances in Traditional Medicine 2662-4052 (print)	2024	24	1	179-190	https://doi.org/10.1007/s13596-023-00680-8	Springer

	of dried fruits of Piper longum Linn in Wistar rats			2662-4060 (online)						
12.	Unlocking The Power of Phytochemicals In Parkinson's Disease: Bridging Current Insight To Future Therapeutics Innovations	Vandana S. Nade , Vaishnavi A. Ahire, Vaishnavi B. Nikam, Laxman A. Kawale , Pooja V. Bombale , Divya A. Patil and Priyanka J. Hemake	Pharmacology	World Journal of Pharmaceutical Research ISSN 2277-7105	2024	14	3	1286-1308	10.20959/wjpr20253-35483	Peer-reviewed
13.	Pathophysiological Insights and The Role of Flavonoids In Alzheimer's Disease Treatment	Dr. Ghanshyam B. Jadhav , Urmila M. Aware, Pooja V. Bombale , Bhagyashri D. Thombare, Dipali D. Warghade and Tanuja S. Pagar	Pharmacology	World Journal of Pharmaceutical Research ISSN 2277-7105	2024-25	14	9	108-130	10.20959/wjpr20259-35538	Peer-reviewed
14.	Therapeutic potential of methyl gallate and cilnidipine in diabetic neuropathy: An integrated in silico, in-vivo approach via regulation of AGE, GAT-1, CaV2.2	Vandana S. Nade , Divya A. Patil, Laxman A. Kawale , Priyanka J. Hemake	Pharmacology	International Journal of Educational Research 0883-0355	2025	131	-	79-112	DOI.ORG/10.1050/j.ijer.2025.10138	Scopus
15.	Rubiadin: Unveiling its photodynamic mechanisms for cancer therapy	Vandana S. Nade , Priyanka J. Hemake, Divya A. Patil, Laxman A. Kawale , Vaishnavi A. Ahire and Vaishnavi B. Nikam	Pharmacology	World Journal of Pharmaceutical Research, ISSN 2277-7105, SIJF Impact Factor : 8.45	2025	2	14	330-355	DOI: 10.20959/wjpr20252-35222	Peer-reviewed
16.	Bioanalytical method development and validation of telmisartan in human plasma by HPLC using solid phase extraction technique	Laxman. A. Kawale , Pooja. D. Ahire, Vandana. S. Nade , A. K. Lade	Pharmacology	World Journal of Pharmacy and Pharmaceutical Sciences. SJIF Impact Factor 8.025,	2024	12	13	1400-1412	DOI : 10.20959/wjpps202412-28766	Peer-reviewed

				ISSN 2278 – 4357.						
17.	Targeting calcium dependant/cAMP/PKA/CRE B pathway and GABAergic transmission by drotaverine and hesperidin for amelioration of tardive dyskinesia.	Vandana Nade , Neelofar Shaikh, Bhakti Pathak, Sumit Buye, Tejas Hatgaonkar, Prachi Shewale, Laxman Kawale	Pharmacology	International Journal of Research in Pharmaceutical Sciences. ISSN 0975-7538	2024	3	15	68-78	https://doi.org/10.26452/ijrps.v15i3.4700	Scopus
18.	Development And Validation of Bioanalytical RP-HPLC Method For Telmisartan Using Liquid-Liquid Extraction.	Laxman A. Kawale , Tanmay H. Tajane, Madhavi P. Shinde, Amol V. More	Pharmacology, Pharmaceutical chemistry	World Journal of Pharmacy and Pharmaceutical Sciences. ISSN 2278-4357 SJIF Impact Factor 8.025,	2024	9	13	1501-1514	DOI: 10.20959/wjpps20249-28235	Peer-reviewed
19.	Design, synthesis, and evaluation of anxiolytic activity of 2-(4-phenylpiperazin-1-yl)-1H-benz[d]imidazole and 2-(4-phenylpiperazin-1-methyl)-1H-benz[d]imidazole derivatives.	Bhavna Sunil Mahajan, Laxman A. Kawale , Vandana S. Nade, Supriya Unavane, Lida Sajimon and Prajakta Kapadnis	Pharmaceutical chemistry	Future Journal of Pharmaceutical Sciences	2024	50	10	1-9	https://doi.org/10.1186/s43094-024-00626-0	Springer Open
20.	Evaluation of Protective Effect of Gemigliptin and Rizatriptan in Streptozotocin induced Diabetic Neuropathy in Rats.	KN Mundlod, GB Jadhav , SJ Khairnar, PB Udavant, RR Sable,	Pharmaceutical Chemistry	Biosciences Biotechnology Research Asia Online ISSN: 2456- 2602 Print ISSN: 0973-1245	2024	21	1	147-156	http://dx.doi.org/10.13005/bbra/3210	Web of Science
21.	Synthesis, Characterization, Antifungal Evaluation, and In Silico Studies of Novel Imidazole-Pyrazole and Imidazole-Isoxazole Clubbed Scaffolds	Rohini Deshmukh, Mahesh Dumbare , Shamrao Disale, Sandip Kale, Ashish Asrondkar, Mahesh Kulkarni, Nitin Gaikwad	Pharmaceutical Chemistry	The Journal of Molecular Structure has two ISSN numbers: an online ISSN of 1872-8014 and a print ISSN of 0022-2860	2025	1328	2	141289	https://doi.org/10.1016/j.molstruc.2024.141289	Scopus, Web of Science

22.	An Innovative Quality by Design Approach for Analytical RP-HPLC Method Development and Validation for Simultaneous Determination of Hydrochlorothiazide and Olmesartan Medoxomil in its Bulk and Tablet Dosage	Amol Jagdale, Mahesh Dumbare , Mayuri Bahegavhankar, Priyanka Thorat	Pharmaceutical Chemistry	International Journal of Biology, Pharmacy and Allied Sciences with ISSN: 2277-4998	2024	13	2	735-752	https://doi.org/10.31032/IJBPAS/ 2024/13.2.7774	Web of Science
23.	Preparation and characterization of microwave assisted bionanocomposites for enhancement of physicochemical properties of olmesartan	Avinash Darekar, Mrudula Bele , Milind Wagh, Dilip Derle	Pharmaceutics	Research Journal of Pharmacy and Technology	2024	17	3	1332-1335	10.52711/0974-360X.2024.00209	Peer reviewed, international, Scopus
24.	Characterization and Investigation Study on Agave sisalana Perrine	Dr. Sonali R. Gawali	Pharmacognosy	Asian Journal of Pharmaceutical Analysis 2231-5667 (Print) 2231-5675 (Online)	2025	15	2	103-108	10.52711/2231-5675.2025.00017	UGC-CARE
25.	Pharmacognostic Review on Thunbergia grandiflora Roxb. (Family - Acanthaceae)	Dr. Sonali R. Gawali	Pharmacognosy	Research Journal of Pharmacognosy and Phytochemistry 0975-2331 (Print) 0975-4385 (Online)	2025	17	2	135-142	10.52711/0975-4385.2025.00023	UGC -CARE
26.	Ethosomes Carrying Etodolac-Effective Drug Carrier As Topical Dosage Form In The Treatment Of Rheumatoid Arthritis	Ashwini A. Bachhav , Prashant L. Pingale, Chandrashekhar D. Upasani	Pharmaceutics,	International Journal of Applied Pharmaceutics ISSN- 0975-7058	2025	17	01	397-409	https://dx.doi.org/10.22159/ijap. 2025v17i1.52153	Scopus UGC-Care
27.	Pharmaceutical Development Of Etodolac Transfersomal Gel For Topical Drug Delivery System In Rheumatoid Arthritis	Ashwini A. Bachhav , Prashant L. Pingale, Chandrashekhar D. Upasani	Pharmaceutics,	Journal of Applied Pharmaceutical Research ISSN: 2348 – 0335	2024	12	04	155-170	https://doi.org/10.69857/joapr.v 12i4.597	Scopus

28.	Formulation development and evaluation of nasal in situ gel of promethazine hydrochloride	Surabhi V. Boraste, Sanjay B. Patil	Pharmaceutics	Drug Development and Industrial Pharmacy	2024	50	1	11-22	https://doi.org/10.1080/03639045.2023.2291463	Scopus, peer reviewed, International
29.	The Modified Emulsion Solvent Diffusion Method's for the Development and Evaluation of Metformin Hydrochloride Floating Microspheres	Gayatri Polakhare, Pratiksha Yawalkar, Dipali Jadhav, Mayuri Jadhav	Pharmaceutical Chemistry	Inventi Rapid: NDDS 0976-3791	2024		3	1-7		UGC-CARE
30.	Spectrophotometric Method Development and Validation for Estimation of Azelnidipine in Bulk and Marketed Dosage Form	Janhavi M Deokute. Deepika A. Jagadale. Mayuri S. Jadhav. Ritu A. Bairagi.	Pharmaceutical Chemistry	NOVYI MIR Research Journal 0130-7673	2024	9	8	159-173		UGC-CARE
31.	Method Development and Validation of a UV Spectroscopic Approach for the Investigation of Ibrutinib in Bulk and Dosage Forms for Pharmaceuticals	Kishori Laxman Deore, Gokul Shravan Talele	Pharmaceutical Chemistry	Biosciences Biotechnology Research Asia	2025	22	2	675-685	http://dx.doi.org/10.13005/bbra/3393	Web of Science
32.	Impacts of Microplastic Exposure on Animal Physiology and Health: A Global Perspective	Shankar S. Yelmame, Aniket S. Sonawane, Priya Katiyar, Namita A. Joshi and Kishori N. Ahire	Pharmaceutical Chemistry	Uttar Pradesh Journal of Zoology ISSN: 0256-971X (P)	2025	46	13	312-333	UPJOZ.5166	Peer-reviewed
33.	Therapeutic and pharmacological relevance of stingless bee pollen in human health: A review	Shankar S Yelmame, Srinivas Nandyala, Marina GD'souza, Kishori N Ahire, Laxmikant B Borse	Pharmaceutical Chemistry	International Journal of Entomology Research	2025	10	5	91-95		Peer-reviewed
34.	High-Performance Liquid Chromatography Assessment of Propofol Stability in Pharmaceuticals	Ganesh B. Shevalkar, Hemant U. Chikhale, Kishori N. Ahire, Sreya	Pharmaceutical Chemistry	Asian Journal of Pharmaceutics	2024	18	2	446-454	https://doi.org/10.22377/ajp.v18i02.5453	Web of Science, UGC-CARE, International

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35.	Formulation And Evalution of Mucoadhesive Buccal Film of Azilsartan Medoximil By Solvent Casting Method	Harshal Mahajan, Irfan Ahmad, Prashant Salunke, Priyanka Shirsat	Pharmaceutics	Cuest fisioter	2025	54	4	414-427		UGC CARE Journal
36.	Formulation and evaluation of ayurvedic shampoo tablet by using herbal ingredient	Durgesh Pagar, Nishigandha Tapkire Nikita Jadhav , Varsha Kamble, Bhairavi Raut	Pharmacognosy	International Journal of Scientific Research and Technology ISSN: 2394-7063	2024	1	2	33-36		Open access, Pear reviewed
37.	Formulation & evaluation of multi-herbal anti diabetic cookies	Durgesh Pagar, Dipika Gosavi, Nikita Jadhav , Vaibhav Pawar	Pharmacognosy	International Journal of Pharmaceutical Science ISSN: 0975-4725	2024	2	8	3918-3923		Open access, Pear reviewed