



# K. K. WAGH COLLEGE OF PHARMACY

(B. Pharmacy & D. Pharmacy)

Hirabai Haridas Vidyanagari, Amrutdham, Panchavati, Nashik - 422 003. (Maharashtra) India.

☎ : 0253 - 2221121, 2517003, 2510262 Web : www.pharmacy.kkwagh.edu.in

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## RESEARCH PAPERS PUBLISHED BY FACULTY

Cumulative Impact of publications of institute: 30.8

Sr. No	Title of paper	Name of the author/s	Name of journal	Year of publication	Impact Factor
1	Development of Polyherbal Formulation: Impact of Antioxidants on In Vivo Antidepressant Activity in Animal Models	A. R. Surana, M. R. Kumbhare and H. I. Narkhede	Indian Journal of Pharmaceutical Sciences	2023-24, 0250-474x,	0.6
2	Potassium Dichromate Detection: Carbon Quantum Dot-based Fluorescent "Turn-Off" Nanoprobe Design	Priti Sharma, Sopan Nangare, Rahul Tade, Pravin Patil, Sanjkumar Bari, <b>Dipak Patil</b>	<i>Nano Biomedicine and Engineerin</i>	2024	-
3	An amalgamation of bioinformatics and artificial intelligence for COVID-19 management: From discovery to clinic	Jiao Wang , Vivek Chavda , Riddhi Prajapati , <b>Anjali Bedse</b> , Jinita Patel , Sagar Popat , Gargi Jogi , Lakshmi Vineela Nalla , Keshava Jetha , Bairong Shen , Rajeev K. Singla	Current Research in Biotechnology	2023	5.6
4	Pt(IV) Complexes in the Search for Novel Platinum Prodrugs with Promising Activity.	<b>Aher, S.</b> , Zhu, J., Bhagat, P. et al.	Top Curr Chem (Z) 382, 6 (2024).	2024	8.6
5	RP-HPLC Estimation of Clobetasol Propionate and Salicylic Acid using Quality by Design Approach	Kunal S. Bagad, Kunal Bacchao, Shashikant B. Bagade, Rakesh D. Amrutkar and <b>Dipak D. Patil</b>	Biotech Res Asia	2024;21(1).	-
6	Evaluation of Antidepressant Activity of Various Extract of Celosia cristata Fruits and Leaves by Using Forced Swim Test	Gupta Anjali, <b>Shinde Manoj Gangadhar</b> , Kolhar Sana R., Sharma Reena, Bhambar Kunal V.,	International Journal of Zoological Investigations	2023-24	-
7	Cancer Biology And Therapeutics: A Contemporary Review	Yamini. M, T. M. Vijayalakshmi, R. Murali, Nirmal Rajasekar M, Jailani. S, <b>Manoj Gangadhar Shinde</b> Harjeet Singh	Journal of Advanced Zoology	2023-24	-





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8	Gas sensing execution of ZnAl <sub>2</sub> O <sub>4</sub>	Ganesh Dabhade , <b>Ankita Malpure</b> , Ashok Borhade , Sanjay Wakchaure, Rakesh Amrukar , Pankaj Wani	Materials Today: Proceedings	2023-24	3.2
9	Assessment of Dolichandrone falcata Seem. Leaves for Anti-cancer Potential in Experimental Animal Models	Sachin N. Kapse , <b>Vaibhav G. Bhamare</b> , Rakesh D. Amrutkar , Rahul N. Patil , Vinod R. Patil , Gokul S. Talele	Indian Journal of Pharmaceutical education and research	2023-24	0.8
10	Application of micellar solubilization and microcrystalline Technique for Enhancement of Etodolac”,	<b>Dr. V.G. Bhamre</b> and Dr. R.D. Amrutkar Sayali Pingle and Vaishnavi Kadam	Advances in Bioresearch	2023-24	0.6
11	2D, 3D QSAR and Pharmacophore identification of Thieno[3,2-d] pyrimidines against PPAR $\gamma$ in Complex with Synthetic Agonist	<b>Amrutkar, R.D.</b> , Jain K.S.	Current Indian Science	2023-24	1.8





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12	Nanotechnology: an promising area in Medical Science	<b>Rakesh Amrutkar</b> Gitesh Patil Sushal Pingale Riddhi Soni Vaibhav Bhamare	Nanoscience & Nanotechnology-Asia	2023-24	1.8
13	In silico studies of quinazolinone analogues to distinguish their hypothetical binding mode using the x-ray crystal structure human carbon anhydrase II(HCAII) enzyme complex with sugar sulfamate for anticonvulsant activity.	<b>Amrutkar, R.D.,</b> Ranawat, M.S.	International journal of pharmaceutical Sciences and drug research	2023-24	-
14	Synthesis, DFT, in Silico Anticancer, ADME and Toxicity Prediction Study of (E)-2-(2-(3,4-Dihydronaphthalen-1(2H)-ylidene)hydrazineyl)-4-(4-methoxyphenyl)thiazole	R. A. Shinde, <b>Vishnu Adole, S</b> R Tambe, R D Amrutkar, B. S. Jagdale	Polycyclic Aromatic Compounds GPOL	2023-24	2.4
15	Prediction of ADME/Tox properties, 2D,3D QSAR and molecular docking approach of 2,3-disubstituted-Quinazolin-4(3H)-ones using X-ray crystal structure of Staphylococcus aureus (1T2W) Sortase A.	<b>Amrutkar, R.D.,</b> Ranawat, M.S.	Vietnam Journal of Chemistry 	2023-24	1.6



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Sr.No	Title of paper	Name of the author/s	Name of journal	Year of publication	Impact Factor
16	Hot Melt Extrusion: A Paradigm-Changing Technology	<b>Vaibhav G. Bhamare</b> and Ravindra K. Kamble	Recent Advances In Drug Delivery And	2023-24	-
17	Preparation and impregnation of deep eutectic solvents containing zileuton onto adsorbents to elicit the biopharmaceutical attributes	Purushottam Gangane, Akshay Sahare, Sachin More, Amol Warokar, Maheshkumar Borkar, <b>Pankaj Dangre*</b>	Journal of Molecular Structure	2024-2025	3.8
18	In Silico ADMET Profiling and Docking Analysis of Imidazopyridine Derivatives as Anti-Tubercular Agents	Lokesh A. Bhalerao, Shweta B. Chavan <sup>2</sup> , <b>Deepali K. Kadam</b> , <b>Dipali V. Jain</b> , Roshni M. Mahajan	International Journal of All Research Education & Scientific Methods, (IJARESM)	April 2023-24	-
19	In Silico ADMET Profiling and Docking Analysis of 1, 2, 3-triazole Tethered Hybrid Capsaicinoid	Apurva B. Borade <sup>1</sup> , <b>Deepali K. Kadam</b> <sup>2</sup> , <b>Dipali V. Jain</b> <sup>3</sup> , Divya D. Patil <sup>4</sup> , Gauri U. Zambare <sup>5</sup> , Mayuri K. Gaikwad <sup>6</sup> , Mahesh S. Binnar <sup>7</sup>	International Journal of All Research Education and Scientific Methods (IJARESM),	May 2023-24 (Vol 12)	-
20	The Use Of Azolla Pinnata In Veterinary Nutrition: A Case Study of Nashik, India	<b>Deepali K. Kadam</b> <sup>1</sup> , <b>Dipali V. Jain</b> <sup>1</sup> , Siddharth Kale <sup>2*</sup> , Shraddha Kamankar, Shruti Zaware <sup>2</sup> , Gauri Mahale <sup>2</sup> , Swaraj Patil <sup>2</sup> , Kaveri Korde <sup>2</sup> , Archana Pawar <sup>3</sup> , Gauri Mahale <sup>4</sup>	INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES	May 2023-24 (2)	-





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## BOOK PUBLISHED BY FACULTY

Sr. No.	Name of the faculty	Title of the book	National / International	Year of publication	ISBN number of the proceeding	Name of the publisher
1	Dr. K. S. Jain, Ms. D. K. Kadam & Mrs. D. V. Jain	As per PCI Regulations Advanced Instrumental Analysis and Techniques (Theory),	National	2023-24	978-93-6109-218-3	Nirali Prakashan, Pune

## BOOK CHAPTER PUBLISHED BY FACULTY

Sr. No.	Name of the author	Title of the chapters published	Name of Book and Publisher	Year of publication	ISBN number of the proceeding
1	Mundada, Atish S. and Patil, Dipak D. and Maheshwari, Rajesh K.	Book Chapter "Green Analytical Techniques Using Hydrotrophy, Mixed Hydrotrophy, and Mixed Solvency"	in Book Sustainable Approaches in Pharmaceutical Sciences, One, John Wiley & Sons, Ltd.	2024	978-1-119-88984-7
2	Kajal P Baviskar, Brijesh M Shah, Anjali P Bedse, Shilpa S Raut, Suchita P Dhamane, Dhara J Dave	Book chapter published: Nanoparticle Properties: Size, Shape, Charge, Inertness, Efficacy, Morphology. Nanocarrier Vaccines:	Biopharmaceutics-Based Fast Track Development, 153-191. (Wiley)	2023-2024	9781394175482
3	Anup Kumar, Dixia A. Vaghela, Pankti C. Balar, Kajal Bhavisker, Rajashri Bezbaruah, Lawandashisha Nongrang, Anjali P. Bedse, and Vivek P. Chavda	Nasal Vaccine for the Control of Emerging Variants of SARS-CoV-2	International Book- SARS-CoV-2 Variants and Global Population Vulnerability	2023-2024	9781003467939
4	Kajal Baviskar, Anjali Bedse, Shilpa Raut, Narayana Darapaneni	Artificial Intelligence and Machine Learning-Based Manufacturing and Drug Product Marketing	Bioinformatics Tools for Pharmaceutical Drug Product Development International	2023-2024	9781119865728





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Sr. No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
1	Design and development of fast dissolving liquisolid formulation	<b>Bhamare Vaibhav G,</b> Kamble Ravindra K	Pharmaceutics	Journal of Medical, Pharmaceutical And Allied Science	Jan-22	2320-7418
2	Development and Characterization of Topical Micro-Emulsion as Novel Drug Delivery System for Dapsone	<b>Bedse A,</b> Nikam A, Kulkarni A, Potnis V, Dhamane S.	Pharmaceutics	International Journal of Pharmaceutical Sciences and Nanotechnology	Feb-22	0974-3278
3	Modified Solubility of Etodolac through Solid Dispersion and Complexation	<b>Vaibhav Gulabrao Bhamare,</b> Ravindra Keshavrao Kamble	Pharmaceutics	Research Journal of Pharmacy and Technology	Feb-22	0974-3618
4	Formulation of oxybutynin chloride microparticle-loaded suppositories: in vitro characterization and in vivo pharmacokinetic study.	<b>Bedse, A.,</b> Mahajan, H. & Dhamane, S.	Pharmaceutics	Future Journal of Pharmaceutical Sciences	Mar-22	0975-1130
5	Overview of clinical research and its applications in drug discovery and management of covid-19 in india	Ganesh Pawar, Sanket More, Krupesh Patil, <b>Sunanda Malode</b>	Pharmacognosy	Indo American Journal of Pharmaceutical Sciences	May-22	2349-7750
6	Review On Role Of Nutraceuticals In Stress Management	<b>Prajakta Shingote, Anjali Bedse,</b> Ashwini Asalak, <b>Shilpa Raut,</b> Mayur Bidkar	Pharmaceutics	International Journal Of Pharmaceutical Sciences And Research	Aug-2022	2320-5148
7	Review on Hyphnated techniques in Analytical Chemistry	<b>K P Baviskar, D V Jain, S D Pingle, K. S. Jain</b>	Pharmaceutical Chemistry	Current Analytical chemistry	Sep-22	1573-4110





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8	Homology modeling and docking studies for Lanosterol 14 $\alpha$ -demethylase of <i>Candida albicans</i> and 1,2,4-triazole containing 1,3,4-oxadiazole derivatives	Sachin N. Kapse, Hitesh V. Shahare, Gokul S. Talele, <b>Rakesh D. Amrutkar</b> , Prashant P. Chavan, Bhavesh B. Amrute, Yogesh V. Patil	Pharmaceutical Chemistry	NeuroQuantology	Nov-22	1303-5150
9	Novel 2, 4-Dihalothieno [2, 3-d] Pyrimidine as Antihyperlipidemic Agent: Synthesis, Biological Evaluation and Investigation into its Mechanism of Action.	Nikhilesh Arya, Vijay M Khedkar, Chamanlal J Shishoo and <b>Kishor S Jain</b>	Pharmaceutical Chemistry	EC Pharmacology and Toxicology	Jan- 2019	
10	Pharmacological activity of <i>Thuja orientalis</i> linn.	<b>S. D. Malode</b>	Pharmacognosy	International Journal of Pharmacognosy	Jun-18	2348-3962
11	Pharmacognostic, phytochemical and anti-inflammatory activity of <i>Martyniya annua</i> leaves linn. (family: Martyniaceae)	Kshiragar S, Bansode SS, <b>Malode SS.</b>	Pharmacognosy	International Journal of Pharmacognosy	Oct-18	2348-3962



PRINCIPAL

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