

Dr. Jagdish Vitthalrao Manwar

Designation: Principal & Professor

Qualification: B.Pharm., (GATE), M.Pharm., PhD., M.A., LL.B., LL.M

Department: NA

Email Id: jvmanwar@gmail.com

Qualification Details:

<i>Education</i>	<i>Institute</i>	<i>Board/ University</i>	<i>Research Guide(s)</i>	<i>Year of Passing</i>
<i>HSC</i>	<i>Jagruti High School and Jr. College, Ranpise Nagar, Akola</i>	<i>Amravati Divisional Board, Amravati</i>	-	1997
<i>B.Pharm.</i>	<i>Government College of Pharmacy, Amravati</i>	<i>SGB Amravati University, Amravati</i>	-	2001
<i>M.Pharm.</i>	<i>Department of Pharmaceutical Sciences, Nagpur University, Nagpur</i>	<i>RTM Nagpur University, Nagpur</i>	<i>Dr. M. R. Tajne</i>	2002
<i>Ph.D.</i>	<i>Poona College of Pharmacy, Erandwane, Pune</i>	<i>Bharati Vidyapeeth (Deemed) University, Pune</i>	<i>Dr. K.R. Mahadik Dr. A.R. Paradkar</i>	2013
<i>M.A.</i>	<i>Centre for External Study, RTM Nagpur University, Nagpur</i>	<i>Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur</i>	-	2020
<i>LL.B.</i>	<i>Shantaram Potdukhe College of Law, Chandrapur</i>	<i>Gondwana University, Gadchiroli</i>	-	2020
<i>LL.M.</i>	<i>Dr. Panjabrao Deshmukh College of Law, Amravati</i>	<i>Sant Gadge Baba Amravati University, Amravati</i>	<i>Dr. P.M Dabhade</i>	2022

Professional Experience:

<i>S.N.</i>	<i>Designation</i>	<i>Name of the Institution</i>	<i>Experience</i>	
			<i>From</i>	<i>To</i>
1	<i>Asstt. Professor</i>	<i>Institute of Pharmacy, Akola</i>	<i>07/07/2003</i>	<i>19/03/2014</i>
2	<i>Assoc. Professor</i>	<i>College of Pharmacy, Sakegaon, Dist. Jalgaon</i>	<i>02/06/2014</i>	<i>17/07/2018</i>
3	<i>Principal</i>	<i>Vardhaman College of Pharmacy, Koli, Karanja (Lad)</i>	<i>01/08/2018</i>	<i>31/07/2020</i>
4	<i>Principal</i>	<i>Dr. Rajendra Gode College of Pharmacy, Amravati</i>	<i>04/08/2020</i>	<i>31/05/2022</i>
5	<i>Professor</i>	<i>Dr. Rajendra Gode College of Pharmacy, Amravati</i>	<i>01/06/2022</i>	<i>30/08/2022</i>
6	<i>Principal</i>	<i>Vardhaman College of Pharmacy, Karanja (Lad), Dist. Washim</i>	<i>01/09/2022</i>	<i>16/01/2023</i>
7	<i>Principal</i>	<i>Kamalprakash Pharmacy College and Research Centre, Kherda, Karanja (Lad), Dist. Washim.</i>	<i>14/01/2023</i>	<i>Present</i>

Academics: 21 Years
Research: 3.3 Years (upon deputation)
Industry: Nil

Research Area / Expertise:

Analytical method development, drug and herbal standardization, stability studies, forced degradation, factorial design, microbial fermentation, natural microflora isolation, and herbal formulation using fermentation techniques.

Research Guidance:

1. No. of B. Pharm. students Guided/Guiding: 30
2. No. of M. Pharm. students Guided/Guiding: 12
3. No. of PhD students Guided/Guiding: 02

Academic/Research activities:

1. No. of papers presented: 04
2. No. of Faculty Development Program attended: 03
3. No. of Seminar, Workshop Attended: 08
4. Conference, Webinar Organized: 01
5. No. of guest lectures delivered: 03

Instruments Handling:

UV-Vis Spectroscopy, HPLC, HPTLC, Gas chromatography, FTIR, ATR-IR.

Membership of learned societies & professional bodies:

1. Registered Pharmacist of Maharashtra State Pharmacy Council (Regd. No. 157016-19/05/2014)
2. Life Member of Association of Pharmaceutical Teachers of India (MA/LM-760)

Pharmacy Council of India Inspector:

1. Inspection of Diploma in Pharmacy courses/colleges
2. Inspection of Degree in Pharmacy courses/colleges
3. Inspection of M.Pharm courses/colleges

Achievements:

1. PAT 2006 (SGBAU, Amravati)
2. GATE exam 2001, 2007

Fellowship:

1. UGC-GATE Fellowship for M.Pharm.
2. AICTE-QIP Fellowship for Ph.D.

Research Publications:

1. Total Research Papers: 86
2. Papers in UGC-approved and SCOPUS-indexed journals: 17
3. Total Impact Factor (Clarivate Analytics 2024): 26.3

Important Publications:

1. Bioethanol production: Feedstock and current technologies. 2014. *Journal of Environmental Chemical Engineering* 2: 573. www.sciencedirect.com. IMPACT FACTOR: 7.4.
2. Response surface based optimization of system variables for liquid chromatographic analysis of candesartan cilexetil. 2017. *Journal of Taibah University for Science* 11: 159–172. www.sciencedirect.com. IMPACT FACTOR: 2.9.
3. Comparative antioxidant potential of *Withania somnifera* based herbal formulation prepared by traditional and non-traditional fermentation processes. 2013. *Integrative Medicine Research* 2: 56. www.sciencedirect.com. IMPACT FACTOR: 2.8.
4. Ultrasound-Assisted Facile Synthesis of Nanostructured Hybrid Vesicle for the Nasal Delivery of Indomethacin: Response surface optimization, microstructure, and stability. 2019. *AAPS PharmSciTech* 20: 97. www.SpringerLink.com. IMPACT FACTOR: 3.5.
5. Identification of potent aldose reductase inhibitors as antidiabetic (Anti-hyperglycemic) agents using QSAR based virtual screening, molecular docking, MD simulation, and MMGBSA approaches. 2022. *Saudi Pharmaceutical Journal* 30(6): 693–710. www.sciencedirect.com. IMPACT FACTOR: 3.9.
6. In-vitro anthelmintic activity of root of *Clitoria ternatea* Linn. 2008. *Pharmacognosy Magazine* 4(13): 148. IMPACT FACTOR: 0.9.
7. Spectrophotometric estimation of amitriptyline HCL and Chlordiazepoxide in pharmaceutical dosage form. 2008. *Indian Journal of Pharmaceutical Education and Research* 42(1): 23. IMPACT FACTOR: 0.8.
8. QSAR, pharmacophore modeling and molecular docking studies to identify structural alerts for some nitrogen heterocycles as dual inhibitors of telomerase reverse transcriptase and human telomeric G-quadruplex DNA. 2021. *Future Journal of Pharmaceutical Sciences* 7: 231. <https://link.springer.com>. IMPACT FACTOR: 3.5.
9. Isolation, biochemical and genetic characterizations of alcohol-producing yeasts from the flowers of *Woodfordia fruticosa*. 2013. *J Young Pharmacist* 5: 191. www.sciencedirect.com. IMPACT FACTOR: 0.6.
10. Application of simultaneous equation method for the determination of azithromycin and cefixime trihydrate in tablet formulation. 2017. *Research J Pharm and Tech* 10(1): 108–112. SCOPUS.

11. *Recent advances in treatment for tuberculosis: A review.* 2016. *Int J Pharm Sci Rev Res* 40(2): 33, 162–172. SCOPUS.
12. *The novel formulation design of O/W microemulsion of ketoprofen for improving transdermal absorption.* 2009. *Int J Pharmtech Res* 1(4): 1449. SCOPUS.
13. *Design and in-vitro evaluation of Mucoadhesive buccal tablets of terbutaline sulphate.* 2009. *Int J Pharmtech Res* 1(3): 588. SCOPUS.
14. *Antimicrobial activity of Pseudarthriaviscida roots.* 2008. *Asian Jr Microbiol Biotech Env Sc* 10(1): 135. SCOPUS.
15. *Hypericum perforatum: A Medicinal plant (Review article).* 2007. *Plant Archives* 7(2): 463. UGC, WEB OF SCIENCE.
16. *Traditional uses, phytochemistry and pharmacology of Oroxylum indicum: A review.* 2014. *Int. J. Pharm Phytopharmacol Res* 3(6): 483. UGC, WEB OF SCIENCE.
17. *Nature derived small molecules in the management of Polycystic ovary syndrome. (Accepted).* *Letters in Applied NanoBioscience.* SCOPUS.

Google Scholar Metrics:

1. Total Citations: 2027
2. h-index: 26
3. i10-index: 53
4. Google Scholar Profile link
<https://scholar.google.com/citations?user=TNKVc3YAAAAJ&hl=en>

Scopus Metrics:

1. Total Citations: 430
2. h-index: 11
3. Scopus Author ID: 36114287600
4. Scopus Profile link
<https://www.scopus.com/authid/detail.uri?authorId=36114287600>

Research grant:

Received Research grant of Rs.55000/- for the project entitled 'Development of fused pyridopyrimidine as possible anticonvulsants' under VCRMS, NMU, Jalgaon.

Honors and Awards:

1. *Excellence Award 2020 by Vardhaman Foundation, Nagpur*
2. *Mahatma Phule Shikshak Gaurav Puraskar 2022-23 by Mahatma Phule Magasvargiya Shikshan Sanstha, Kannad, Dist. Aurangabad*

Books published:

Chromatography: Principles and Methods (ISBN: 62047-17022), Number of Authors: 2, Total Pages: 200,

Patents:

Nil

Article in newspaper:

Bharatiya Vanoushadhi: Udyog ani Sandhi published in Marathi Newspaper Dainik Deshonnati (Main Edition) on 6th May 2017.
