

CURRICULUM VITAE

Full Name:

Mr. Jaidip Babasaheb Wable.

Designation:

Assistant Professor

Department of Chemistry

VPM's B. N. Bandodkar College of Science (Autonomous), Thane (W)- 400 601.

Contact Information

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Professional Profiles:

- ORCID: <https://orcid.org/0000-0002-3572-6448>
 - Google Scholar: [Jaidip Wable - Google Scholar](#)
 - ResearchGate: [Jaidip Wable](#)
 - LinkedIn: <https://www.linkedin.com/public-profile/settings/>
 - Web of Science: Web of Science ResearcherIDPQA-1330-2026
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Academic Qualifications

Ph.D. (Thesis Submitted) – University of Mumbai

Title: Synthesis and Screening of 1,2,3-Triazole Containing Flavonoid Derivatives

M.Sc. Organic Chemistry – University of Pune (2008)

B.Sc. Chemistry – University of Pune (2006)

UGC-NET (JRF Qualified) – Chemical Sciences (2010)

Areas of Expertise / Research Interests

- Organic synthesis
 - Heterocyclic chemistry
 - Nanocatalysis and nanomaterials
 - Green chemistry
 - Multicomponent reactions
 - Spectral analysis and structure elucidation
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Teaching Interests

- Organic Chemistry
 - Green & Sustainable Chemistry
 - Spectroscopy (UV, IR, NMR, MS)
 - Organic Reaction Mechanisms
 - Heterocyclic Chemistry
 - General Chemistry for UG & PG
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Professional Experience

Assistant Professor, B. N. Bandodkar College, Thane (2024–Present)

Assistant Professor, K. J. Somaiya College, Mumbai (2015–2024)

Publications & Research

1. Synthesis, characterization and antimicrobial evaluation of Chromone anchored 1,2,3-triazole derivatives, *Heterocyclic Letters*, Vol. 15| No.1|133-139|Nov-Jan|2025
ISSN : (print) 2231–3087 / (online) 2230-9632
2. Efficient Ag/La-ZnO core-shell catalyst for green synthesis of 4H-pyrano[2,3-c]pyrazoles, *RSC Advances*, RSC Adv., 2025, 15, 26013, DOI: 10.1039/d5ra02788h
3. Synthesis and Antimicrobial Evaluation of (E)-2-(4-((4-((1-(2,4-Dichlorophenyl)-3-methyl-5-oxo-1,5-dihydro-4H-pyrazol-4-ylidene)methyl)-2-methoxyphenoxy)-methyl)-1H-1,2,3-triazol-1-yl)-N-phenylacetamide Derivatives, ISSN 1068-1620, *Russian Journal of Bioorganic Chemistry*, 2025, Vol. 51, No. 1, pp. 151–159.
DOI: 10.1134/S1068162025010091
4. Synthesis and Antimicrobial Evaluation of (E)-1-(2,4-Dichlorophenyl)-4-{3-methoxy-4-[(1-phenyl-1H-1,2,3-triazol-4-yl)methoxy]benzylidene}-3-methyl-1H-pyrazol-5(4H)-one Derivatives, ISSN 1070-3632, *Russian Journal of General Chemistry*, 2025, Vol. 95, No. 5, pp. 1–11. DOI: 10.1134/S1070363225600237
5. Efficient Ce-doped MgO@Ag core-shell catalyst for green synthesis of 1,2,4,5-tetrasubstituted imidazoles, *Nano-Structures & Nano-Objects*, Elsevier, Vol. 44, Article

101546; ISSN: 2352-507X; DOI: 10.1016/j.nanoso.2025.101546; Impact Factor: ~1.09; Scopus Indexed

6. Efficient Ce-doped MgO@Ag Core–Shell Catalyst for Green Synthesis of Xanthenes, *Research on Chemical Intermediates*, Springer Nature; ISSN: 0922-6168; DOI: 10.1007/s11164-025-05712-3; Impact Factor: ~3.3; Scopus Indexed
 7. Advancements in the Synthesis and Biological Applications of 1,2,4-Triazoles: A Review, *J-BNB: A Multidisciplinary Journal*, Vol. 13, pp. 53; ISSN: 2454-2776
 8. Design, Synthesis, Structural Analysis, and Microbial Activity of New 1,2,4-Triazol-3-One-Based Heterocyclic Derivatives, *African Journal of Biomedical Research*, Vol. 28 (1s), pp. 1839–1865; ISSN: 1119-5096; DOI: 10.53555/AJBR.v28i1S.6533; Scopus Indexed
 9. Pharmacological Significance of Flavones: From Natural Products to Drug Leads *J-BNB: A Multidisciplinary Journal*, Vol. 14, ISSN: 2454-2776.
 10. *Chalcones: Chemistry, Biological Activities, and Pharmacological Potential, JBNB A Multidisciplinary Journal , Volume 14, ISSN: 2454-2776.*
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Book Chapters:

1. Chapter 7: Properties and Applications of Zinc Nanoparticles Derived from Fruit Extracts, Publisher: Apple Academics Press Inc. co-published with CRC Press (Taylor and Francis Group), Name of Book: Biogenic Based Metal Nanomaterials for sustainable engineering Applications, Page No. 263, Ebook ISBN: 9781998511792
2. Chapter 8: Leaves-Mediated Synthesis, Properties and Applications of Copper Nanoparticles, Publisher: Apple Academics Press Inc. co-published with CRC Press (Taylor and Francis Group), Name of Book: Biogenic Based Metal Nanomaterials for sustainable engineering Applications, Page No. 263, Ebook ISBN: 9781998511792
3. Chapter 11: Properties and Applications of Gold Nanoparticles Derived from Fruit Extracts, Publisher: Apple Academics Press Inc. co-published with CRC Press (Taylor and Francis Group), Name of Book: Biogenic Based Metal Nanomaterials for sustainable engineering Applications. Page No. 263, Ebook ISBN: 9781998511792
4. Synthesis, Properties and biological applications of Benzothiophene"

