

CURRICULUM VITAE

Full Name:

Mr. Hrishikesh Shivaji Labhade.

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: [Hrishikesh Labhade \(0009-0004-7382-9722\) - ORCID](#)
- Google Scholar: [Hrishikesh Labhade - Google Scholar](#)
- ResearchGate: [Hrishikesh LABHADE | Vidya Prasarak Mandal, Thāne | Chemistry | Research profile](#)
- LinkedIn: [\(26\) HRISHIKESH LABHADE | LinkedIn](#)

Educational Background

- Ph.D. (Appeared) – Chemistry
- SET (2020) – Qualified
- GATE (2020) – Qualified
- M.Sc. (Organic Chemistry), 2019 – Distinction
- B.Sc. (Chemistry), 2017 – Distinction
- H.S.C., 2014 – First Class
- S.S.C., 2012 – Distinction

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

VPM's B.N. Bandodkar College of Science (Autonomous), Thane

Aided, Full-time

July 2024 – Present

- Assistant Professor

MVP Samaj's SVKT College, Deolali Camp, Nashik

Unaided, Full-time

July 2021 – July 2024

Publications & Research

- **Labhade, S. R.; Labhade, H. S.; Kadam, V. B.; Gaikwad, V. B.**

A novel mercurimetric titration assay of metformin hydrochloride using mercury(II) thiocyanate–iron(III) nitrate indicator system. *J. Drug Discov. Ther.* **2019**, 7 (2), 9–15. DOI: N/A.

- **Shaikh, S. A.; Labhade, S. R.; Kale, R. R.; Pachorkar, P. Y.; Meshram, R. J.; Jain, K. S.; Labhade, H. S.; et al.**

Synthesis, biological and molecular docking studies of thiazole–thiadiazole derivatives as

potential antituberculosis agents. *Chem. Biodiversity* **2024**, 21 (7), e202400496.

<https://doi.org/10.1002/cbdv.202400496>.

- **Shaikh, S. A.; Kale, R. R.; Wakchaure, S. N.; Labhade, S. R.; Alavala, R. R.; Chobe, S. S.; Jain, K. S.; Labhade, H. S.; Bhanushali, D. D.**

Synthesis, biological evaluation and molecular docking of novel 1,3,4-substituted thiadiazole derivatives as potential anticancer agents. *BMC Chem.* **2024**, 18, 1196.

<https://doi.org/10.1186/s13065-024-01196-1>.

- **Shaikh, S. A.; Labhade, S. R.; Kale, R. R.; Pachorkar, P. Y.; Meshram, R. J.; Jain, K. S.; Labhade, H. S.; et al.**

Thiadiazole–thiazole derivatives as potent antitubercular agents: synthesis, biological evaluation and in-silico docking studies. *Eur. J. Med. Chem. Rep.* **2024**, 5, 100183.

<https://doi.org/10.1016/j.ejmcr.2024.100183>.

- **Wable, J. B.; Labhade, H. S.; Mascarenhas, C. T.; Prabhu, P. J.**

Advancements in the synthesis and biological applications of 1,2,4-triazoles: a review. *J- BNB* **2025**, 13, 53–69. DOI: N/A.

- **Ghule, D. N.; Wable, J. B.; Choudhari, B.; Suryavanshi, J. S.; Labhade, H. S.; et al.**

Design, synthesis, structural analysis, and microbial activity of new 1,2,4-triazol-3-one–based heterocyclic derivatives. *Afr. J. Biomed. Res.* **2025**, 28 (1S), 1839–1865. DOI: N/A.

- **Labhade, H. S.; Wable, J. B.; Kategaonkar, A. H.; Ghule, D. N.; Shaikh, S. S.; Gaikwad, S. S.**

Efficient Ce-doped MgO@Ag core–shell catalyst for green synthesis of 1,2,4,5-tetrasubstituted imidazoles. *Nano-Struct. Nano-Objects* **2025**, 44, 101546.

<https://doi.org/10.1016/j.nanoso.2025.101546>.

- **Labhade, H.; Gaikwad, S.; Wable, J.; Kategaonkar, A.; Shaikh, S.**

Efficient Ag/La-ZnO core–shell catalyst for green synthesis of 4H-pyrano[2,3-c]pyrazoles. *RSC Adv.* **2025**, 15, 26013–26026. <https://doi.org/10.1039/d5ra02788h>.

- **Labhade, H.; Wable, J.; Kategaonkar, A.; Pardeshi, S.; Gaikwad, S.**

Efficient Ce-doped MgO@Ag core–shell catalyst for green synthesis of xanthenes. *Res. Chem. Intermed.* **2025**, Online First, 1–12. <https://doi.org/10.1007/s11164-025-05712-3>.

Awards & Recognitions

- University Rank Certificate (M.Sc.)
Savitribai Phule Pune University, 2019
- Shri G. T. Ozarkar Prize – First Rank in M.Sc.
RYK Science College, Nashik, 2019
- Paper Presentation – Second Rank
Sadguru Gangageer Maharaj Science College, 2025
- Certificate of Appreciation – Resource Person (Skill Course)
VPM's B.N. Bandodkar College, 2025
- Certificate of Merit – Research Paper Publication
VPM's B.N. Bandodkar College, 2025