

GANESH EKNATH GORE

PhD Research Scholar (Thesis Submitted) | Botany | Mycology | Fungal Taxonomy |
Microbial Biotechnology

 goreganesh001@gmail.com |  +91 9096525553 |  Pune, Maharashtra, India

PROFESSIONAL SUMMARY

Research-focused mycologist with expertise in fungal diversity, insect gut mycobiomes, molecular taxonomy, phylogenetics, and enzyme biotechnology. Author of peer-reviewed publications, including novel fungal species. Experienced in fungal isolation, molecular identification, scientific writing, and undergraduate teaching.

RESEARCH INTERESTS

Mycology | Fungal Taxonomy | Insect Gut Mycobiome | Microbial Ecology | Molecular Identification of Fungi | Phylogeny | Fungal Diversity | Enzyme Biotechnology | Industrial Mycology.

EDUCATION

Doctor of Philosophy (PhD), Botany (Thesis Submitted) (2026)

Savitribai Phule Pune University, Pune

Research Topic: *Studies on Gut Fungal Diversity and Enzyme Production from Some Organic Waste Feeding Beetles*

Master of Science (M.Sc.) Botany (Plant Biotechnology) (2019)

Deccan Education Society's Fergusson College (Autonomous), Pune

CGPA: 8.31/10 (79%)

Bachelor of Science (B.Sc.) Botany (2017)

Deccan Education Society's Fergusson College (Autonomous), Pune

Year: Percentage: 74%

ELIGIBILITY TEST

Maharashtra State Eligibility Test (MH-SET), Life Sciences – Qualified (2022)

RESEARCH EXPERIENCE

- ❖ *Molecular Identification of Yeast and Enzymatic Screening (Laccase) of Fungi Isolated from the Gut of Insects*, National Centre for Microbial Resource-National Centre for Cell Science. (2018–2019)
 - ❖ *Study of Aquatic Fungi from Freshwater Ecosystems*, Botanical Survey of India, Pune (2017–2018)
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TEACHING EXPERIENCE

Assistant Professor (CHB), Amruteshwar Arts, Commerce and Science College, Vinzar,
Pune (Aug 2023-Oct 2024)

TECHNICAL SKILLS

- ✚ Molecular Biology: DNA/RNA extraction, PCR, DNA sequencing, sequence editing
 - ✚ Mycology & Microbiology: Fungal isolation, culture maintenance, microscopy, enzyme screening
 - ✚ Bioinformatics: NCBI, BLAST, ChromasPro, MEGA XI, IQ-TREE
 - ✚ Software: MS Word, Excel, PowerPoint
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PUBLICATIONS

- ✚ **G. Gore**, R. Avchar, D. Shelke, H. Sonawane & D. Dhotre (2024). *Alfoldia lenyadriensis* sp.nov. In Fungal planet description sheets: 1614-1696. Crous *et al.*: Fungal systematics and evolution, 13(1), 191-193.
 - ✚ **G. Gore**, R. Avchar, D. Shelke, H. Sonawane & D. Dhotre (2024). *Torula kanvae* sp.nov. In Fungal planet description sheets: 1697-1780. Crous *et al.*: Fungal systematics and evolution, 14(1), 555-557
 - ✚ **Gore, G.**, Avchar, R., Mane, G., Sonawane, H., & Shelke, D. (2025). First report and new host record of *Verruciconidia persicina* from the beetle gut in India. *Italian Journal of Mycology*, 54, 189-197.
 - ✚ Sonawane, H., Thakare, Y., Shelke, D., **Gore, G.**, More, K., Ahire, S., Behera, B., & Gaikwad, S. (2025). Bioprospecting of Medicinal Mushroom, *Inonotus vitis* from Western Ghats of India. *Journal of Natural Remedies*, 25(3), 615–627.
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CONFERENCE PRIZE

- ✚ Awarded Gold Medal for the best Poster Presentation of the research article titled "Isolation and Optimization of Laccase Production..." at the National Conference on Emerging Trends in Plant Sciences (NC-ETPS-26), organized by the Department of Botany, Sir Parashurambhau College, Pune (January 2026).
- ✚ Awarded Consolation Prize in the Late Professor J. G. Vaidya Memorial Award for Young Researchers (Poster Presentation Category) at the International Conference on

CONFERENCE ATTENDED

- ✚ Poster Presentation at the National Conference on Emerging Trends in Plant Sciences (NC-ETPS-26) organized by the Department of Botany, Shikshana Prasarak Mandali's Sir Parashurambhau College (Empowered Autonomous), Pune, M.S., India (January 2026).
- ✚ Poster Presentation International Conference on Exploring Fungal Frontiers: A Multidisciplinary Approach to Advancing Fungal Biology & 3rd Annual Meet of Association of Fungal Biologists (AFB) organised by Department of Botany, Government of Maharashtra, Rajaram College, Kolhapur, M.S., India
- ✚ Poster Presentation in International Conference on Role of Fungi in Sustainable Development: From Exploration to Application & 2nd Annual Meet of Association of Fungal Biologists (AFB) organised by Department of Botany, Savitribai Phule Pune University & Prof. Ramkrishna More Arts, Commerce and Science College, Akurdi, Pune.
- ✚ Poster Presentation in International Conference on Biology, Biodiversity, and Biotechnology of Fungi (ICBBBF) & 1st Annual Meet of Association of Fungal Biologists (AFB) organised by SIES ACS college Sion, in collaboration with the Association of Fungal Biologists (AFB), December 2023.
- ✚ Poster Presentation in International Symposium on Sustainable Environment and Smart Technology (SEST 2023) organised by PDEA's Prof. Ramkrishna More College, Akurdi and Department of Technology, SPPU. March 2023.

DECLARATION

I consider myself familiar with aspects of the teaching field, and I am also confident in my ability to work in a team. I affirm that the particulars of information and facts stated above are true, correct and complete to the best of my knowledge and belief.

Place: Pune.

Ganesh Eknath Gore