

◆ MODERN EDUCATION SOCIETY'S ◆

NOWROSJEE WADIA COLLEGE, PUNE

FACULTY ACADEMIC PROFILE



DR. KISHOR SURESH BHOSALE

[Professor] • [Botany]

Highest Qualification: [Ph.D.]

Specialization: [Taxonomy of Angiosperms, Mycology and Plant Pathology]

Official College Email: [ksbhosale@nowrosjeewadacollege.edu.in]

PROFESSIONAL SNAPSHOT

Dr. Kishor Suresh Bhosale is a Professor of Botany at Nowrosjee Wadia College, Pune, with 22 years of undergraduate teaching experience. Specializing in stress physiology and organic farming, his extensive academic contributions include authoring over 25 research papers, 15 textbooks, and two international reference books. As a pioneer in technological integration, he developed the "E-Herbarium" Android application and secured a 2025 patent for an AI-powered soil nutrient analysis device. Currently, he serves as the Indian Knowledge System (IKS) Coordinator. He has successfully guided four Ph.D. students and actively mentoring two Ph.D. scholars.

EDUCATION

Qualification	University / Institution	Year
Ph.D.	University of Pune	2012
M.Sc.	University of Pune	2003
B.Sc.	Shivaji University, Kolhapur	2001
M.A. Philosophy	IGNOU	2024
SET	University of Pune as a state agency	2006

TEACHING & ACADEMIC INTERESTS

• [Plant Diversity] • [Taxonomy of Angiosperms] • [Biofertilizers] • [Organic farming]

RESEARCH & PUBLICATIONS |

Research Area: Mycology and plant pathology and stress physiology

Selected Publications:

- Mankar, G. D., Sontakke, O. P., Shelar, P. V., Wayase, U. R., Ahire, M. L., Salunke, T. R., **Bhosale K. S** & Barmukh, R. B. (2026). Thiourea priming promotes coordinated redox, osmotic and ionic adjustments associated with improved salt tolerance in *Vigna radiata* (L.) R. Wilczek. *Discover Plants*, 3(1), 352. <https://doi.org/10.1007/s44372-026-00832-5>
- Bhosale, K. S.**, Shinde, B. P., Ahire, S. V., Mankar, G. D., Salunke, T. R., & Sontakke, O. P. (2026). Arbuscular mycorrhizal fungi support plant nutrition soil health and ecosystem resilience. *Discover Plants*, 3(1), 387. <https://doi.org/10.1007/s44372-026-00858-9>
- Sontakke, O. P., Salunke, T. R., **Bhosale, K. S.**, Kenjale, P. A., Ahire, M. L., & Mankar, G. D. (2025). Decoding the plant-microbiome dialogue under heavy metal stress. *Symbiosis*, 1–33. <https://doi.org/10.1007/s13199-025-01086-7>

Research Profile: [ORCID ID: [0000-0002-1252-5213](https://orcid.org/0000-0002-1252-5213)]

ACHIEVEMENTS & PROFESSIONAL DEVELOPMENT | OPTIONAL

- [Award: Recipient of Principal V. K. Joag Platinum Jubilee Award and Dr. M. V. Gokhale prize for academic excellence]
- [Academic / Institutional contribution: NSS programme officer 2013-2017, EVS coordinator 2018-2024, IKS coordinator 2024 till date]

ACADEMIC RESPONSIBILITIES | OPTIONAL

IKS coordinator