



## VAIBHAV D. KALAMBE

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# Bidkar Ward, Near Water  
Tank, Hinganghat, Dist.  
Wardha-442301, MS.

### Objective

*Looking for an opportunity to work in creatively challenging environment and utilizes my educational abilities and skills toward achieving goal of organization.*

### Education

Degree	Institute / University	Year	Percentage
S.S.C.	Dr. B. R. Ambedkar College, Hinganghat	2013	72.20 %
H.S.C.	Vidya Vikas College, Samudrapur	2015	60.46 %
B.Sc. General CBZ	Vidya Vikas College, Samudrapur	2015-2018	61.96 %
M.Sc. Zoology	Bajaj College Of Science, Wardha	2018-2020	73.96 %
B.Ed.	Kinkar College of Education, Seloo	2020-2022	75.95 %
Ph.D. Entrance	Nagpur University, Nagpur	2023	51%

### Academic Project

**M.Sc. Research Project**

**Guided by Dr. Saikat Biswas Sir**

**Title: Green synthesis of silver nanoparticles (AgNPs) using *Cinnamomum tamala* leaf extract**

In the present study *Cinnamomum tamala* (Bay leaf) was used to prepare silver nanoparticles. As the chemical method is more hazardous, green method was followed in synthesizing the silver nanoparticles. The synthesized AgNPs were characterized by UV spectroscopy technique. UV visualization show peak in 400 to 450 nm which is in accordance with previous studies reported in literature. The study revealed antimicrobial activity and H<sub>2</sub>O<sub>2</sub> sensing capacity of organic tea extract capped silver nanoparticles. These results suggest that organic tea stabilized silver nanoparticle can be widely used as antimicrobial and in various field of science.

### Ph.D. Research Work

- ✓ Ph.D. Research Work Currently on Applied Topic “*Biomedical Applications of Fish Collagen Hydrogels Complexed Silver Nanoparticles Controlling Skin Pathogens and Promoting Wound Healing*”

### Technical Skill

- Computer Course : C++, MS-CIT
- Typing : English Typing 30 WPM, 40 WPM.
- Other Skills : Arranged and worked as Technical Support in many Online Webinars, Conferences and programme.

### Teaching Experience

- 1) 5 Years Teaching Experience at Masters Classes (M.Sc. Zoology)

### Extra-Curricular Activities

- Unique vision in progressive educational concepts (EDUCATIONAL SOCIETY OF INDIA) 2004 – 2005
- Society For Service To Educational Development Certificate 2006
- State level general knowledge quiz competition 2010 – 2011, Hinganghat.
- Active member of various social committees like NSS.
- Member of Alumni Association since 2022.
- Secretary of Marathi Vidnyan Parishad.
- Worked as Invigilator for various Board and University Level Examination.

### Workshop / Conference and Seminars Attained

- Seven Day National Lecture Series on Life Science.
- Faculty Development Programme on Dedication of Art of Teaching.
- Workshop on Use of A.I. in life Science Program.
- Workshop on “Intellectual Property Rights and Patent”.
- Seminar on “Cloud Technology and Information Security and its Future Opportunities.
- National Workshop on “Frontier in Biological Science: An Interdisciplinary Workshop”.
- National Workshop on “Recent Trends in Cosmology and Mathematical Modelling”.
- National Conference on “Converging Perspectives: Science, Humanities & Sustainability”.
- National Conference on “Innovations in Science & Technology for Sustainable Development (ISTSD – 2025).
- International Conference on “Innovative Multidisciplinary Perspective and Collaborative Transformation in Science and Technology” (IMPACT - 2025).
- National E – Conference on “Modern and Social Aspects in Literature and Social Science”.
- International E- Conference on “Advance in Life Science, Biodiversity and Conservation” – Satara (Kopargaon)

### Research Papers Publications

- 1) Routes to Viksit Bharat: Methods for Success in Development. (The Rubrics Volume 7 Issue 2, ISSN 2454-1974.
- 2) Green Synthesis and Characterization of Silver Nanoparticles Using *Cinnamomum tamala* Leaf Extract and its antimicrobial activities. (IJRAR Volume 12 Issue 1, ISSN E-2348-1269 P-2349 – 5138.

### Personal Skills

- A self-motivated team player with strong analytical, interpersonal, Management Skills and communication skill.
- Determinate and disciplined.
- Willing to learn and adapt new skills Know How to make Creative Brushers for various programs.
- Abilities to handle multiple priorities with a genuine interest in professional and personal development.

### Personal Details

**Date of Birth** : 19/10/1996

**Father Name** : Prof. Dr. Dnyaneshwar N. Kalambe.

**Mother Name** : Lata Dnyaneshwar Kalambe.

**Marital Status** : Single

**Language Known:** Marathi, Hindi, English.

I hereby declare that the above written particulars are true to the best of my knowledge & belief.

Date: 01/05/2025

Place: Hinganghat

**Vaibhav D. Kalambe**