

## **Brief Biodata**

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### **Academic Qualification:**

<b>Class</b>	<b>UNIVERSITY</b>	<b>INSTITUTION</b>	<b>YEAR</b>	<b>PERCENT</b>
<b>M.Sc. Botany</b>	SRTM Univ. Nanded	D.S.M. College, Parbhani	June 2012	70.33
<b>M.Sc. Biotechnology</b>	BAM Univ. Aurangabad	B.B. College, Jalna	Oct. 2004	50.33
<b>B.Sc. Environmental Science</b>	SRTM Univ. Nanded	Yashwant College, Nanded.	April 2002	60.15

### **Other Qualifications**

- I) UGC-CSIR NET for Lectureship June. 2006
- II) UGC-CSIR NET for JRF June 2007
- III) UGC-CSIR NET for Lectureship December 2012
- IV) GATE in Life Sciences Mar 2006
- V) Research Fellow at National Chemical Laboratory, Pune from Aug 2007 to Oct 2010

### Research Papers Published:

1. Carbon sequestration study of teak from moist monsoon forest of Western Ghats (Journal of Science Research International, Vol. 2 (2) 2016, 27-29)
2. Studies on new species of Cestode parasite *Phoreiobothrium mumbaiensis* of *trygonzuegi* from Mumbai coast (Journal of Science Research International Vol. 2 (2) 2016, 33 - 36)
3. Comparative study of different methods for biomass estimation of Teak (Recent Trends in Conservation and Management of Ecosystems 2018, 160 - 163)
4. Studies on new sp. nov. of Cestode parasite *Tetrangonalcephalum govindi* of *Trygon sephen* from Ratanagiri coast of Maharashtra (Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences Special Issue 2019, 89 - 94)
5. Optimization of pH for the cellulolytic activity of bacteria isolated from different soil sample collected from Mouni Vidyapeeth campus Gargoti (Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences Special Issue 2019, 18 - 21)
6. Physico – chemical characteristic of Madilage pond village Kolhapur (Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences Special Issue 2019, 328 - 331)
7. Comparison of protein content in raw and sprouted seeds of selected pulses (Our Heritage 2019)
8. Effects of the feeds containing different levels of *Medicago sativa* leaf meal on growth performance and body composition of *Cyprinus carpio* fingerlings (Our Heritage 2019)
9. Studies on new species of Cestode parasite *Polyposephalus Hemanti* sp. nov. of *Trygon zuegi* from Ratnagiri coast of Maharashtra (Our Heritage 2019)
10. Effect of different sulphate sources on the growth of *Fusarium oxysporum* f.sp. Cubense causing Panama wilt of banana Bioinfolet 18 (1B): 204 - 205, 2021
11. Fortification of plant protein sources in the fish food for *Cyprinus carpio* BIOINFOLET 18 (2): 235 - 237, 2021
12. Recent Advances in Control of *Fusarium* Wilt of Tomato using Nanoparticles

(International Journal of Scientific Research in Science and Technology 2024, Volume 11, Issue 10, 21-26)

13. Nutritional evaluation of heat-treated and raw leaf powder of *Medicago sativa* for freshwater fish, *Cirrhinus mrigala* (International Journal of Fisheries and Aquatic Studies 2023; 11(4): 181- 184)
14. Photodegradation of dyes using bio-waste material: A Brief Review (Emerging Trends in Basic and Applied Sciences Volume II, 2023, 25-27)
15. *Fusarium* wilt of tomato and controlling strategies using nanoparticles (Plant Pathology and Disease Management, Volume 1, 96-106)
16. Microbiological aspects in packaged food products: A Comprehensive Review (Research and Reviews in Microbiology Volume I, 96-109, 2024)
17. Effects of different salts on the growth of *Fusarium oxysporum* f. sp. *cubens* causing Panama wilt of Banana (Recent trends in Plant Pathology and Biotechnology for Sustainable Agriculture, Volume 1, 35-40)
18. Efficacy of Carbendazim and other fungicides against *Fusarium oxysporum* f. sp. *lycopersici* causing wilt of tomato (Journal of Tropical Agriculture 63(3): 145-151, 2025)
19. Synergistic Effect of different Micronutrients on the growth of *Fusarium oxysporum* f. sp. *cubense* causing Panama Wilt of Banana (The Bioscan, 20(2): 07-09 2025)

### **Research Papers Presented:**

1. Carbon sequestration study of teak from moist monsoon forest of Western Ghats (National Conference on Role of Science in Conservation of Environment and Biodiversity, 17.03.2018)
2. Optimization of pH for the cellulolytic Activity of bacteria isolated from . . . (National Conference on Sustainable Agriculture, Devchand College, Arjunnagar, 12.02.2019)
3. Isolation of Cellulose degrading Bacteria from soils of Gargoti region (National conference on Innovative Approaches in Pure and Applied Sciences IAPAS - 2019)
4. Optimization of bacterial cellulose synthesis by *Acetobacter xylinum* (National Conference on Materials and Environmental Science 2017)
5. Comparative Study of different methods of Phenolics estimation of Teak (Recent trends in Conservation and Management of Ecosystems 2017)
6. Isolation of Cellulolytic bacteria from different soil samples collected from Bhudargad, Kolhapur M.S. and synthesis of Ethanol. (International e-Conference on Conservation of Wild Taxa: Present scenario 2021)
7. Exploring Various Strategies for Control of Tomato Wilt Caused by *Fusarium oxysporum* f. sp. *lycopersici* (International Conference on Agriculture, Environment and Life Sciences, 2025)
8. Progress in agricultural practices and conservation through women's involvement (International conference on "Bridging Gaps: Collaborative Innovations in Science, Business and Humanities 2024)
9. Effects of different salts on the growth of *Fusarium oxysporum* f. sp. *cubens* causing Panama wilt of Banana (Second National Conference on "Sustainable Agriculture" 2024)