

## **Prof. Dr. Vinda D. Manjramkar**

**Designation:** I/C Principal, Professor and Head of Zoology Department.

**Department:** Zoology, Human Science and Clinical Psychology

### **Contact Information**

- **Email:** [vindamanjramkar@gmail.com](mailto:vindamanjramkar@gmail.com)  
[prinbnb@vpmthane.org](mailto:prinbnb@vpmthane.org)
  - **LinkedIn :** <https://in.linkedin.com/in/vinda-manjramkar-57075b1b8>
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### **Educational Background**

- Ph.D , M.Sc , M.A Clinical Sociology, M.Phil ( Rural development), MBA
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### **Areas of Expertise / Research Interests**

- Endocrinology, Zoology, Agriculture Science, Medical Science, Limnology, Fishery biology, Multidisciplinary science etc.
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### **Teaching Interests**

- Endocrinology, Human Genetics, Zoogeography, Developmental Biology, Toxicology, Taxonomy, Biodiversity, Rural Development, Clinical Sociology etc.
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### **Professional Experience: 29 years**

- Presently as I/C Principal from December 2023
- Vice Principal from June 2023 till November 2023
- Head of Zoology Department from November 2023
- Incharge of Human Science Department from 2021
- Incharge of Clinical Psychology from 2022
- IOAC Co-Ordinator
- EX NCC OFFICER

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## **Publications & Research:-**

### **Research papers:**

- 1.Manjramkar, V.,** Pandey, R., & Mishra, R. (2019). To study the pH of human scalp and various brands of shampoos. *Advance and Innovative Research*, 142.
- 2.Manjramkar, V.** (2020). DOMESTICATION OF RICE: VARIETIES AND UTILITY. *From the Editorial Director's Desk*, 17.
- 3.Manjramkar, V. D., & Patil, D. S.** LOTUS PLANTATION & PRODUCTS: BOOST FOR AGRO ECONOMY. In *NATIONAL CONFERENCE ON DYNAMICS OF RURAL DEVELOPMENT IN INDIA*.
- 4.Manjramkar, V.,** Mishra, S., Kumari, V., & Barate, D. L. Agricultural Science: Research and Reviews.
- 5.Jesuraj, S. A. V., Ganesh, R., Manjramkar, V.,** Sridharan, M., Dubey, V. R., & Arun, M. R. (2023, June). A novel machine learning technique for diabetic prediction in IoT-based healthcare monitoring system. In *2023 International Conference on Sustainable Computing and Smart Systems (ICSCSS)* (pp. 1000-1005). IEEE.
- 6.Kanimozhi, N., Nayak, S., Kumar, K., Manjramkar, V.,** Kumar, R., & Suganthi, D. (2023, June). Blood Cancer Detection and Classification using Auto Encoder and Regularized Extreme Learning Machine. In *2023 8th International Conference on Communication and Electronics Systems (ICCES)* (pp. 1122-1127). IEEE.
- 7.Manjramkar, V.,** Mishra, S., Kumari, V., & Barate, D. L. Agricultural Science: Research and Reviews.
- 8.Rehman, K. L., & Manjramkar, V.** (2024). SEASONAL VARIATION OF ZOOPLANKTONIC COMMUNITY STRUCTURE IN NILJE LAKE, DOMBIVLI. *Journal of Experimental Zoology India*, 27(2).
- 9.Manjramkar, V.,** Kolet, M., Patil, A., Koli, J., Khose, M., Deshmukh, A., ... & Yadav, D. Comparative Studies on Some Red Chilly Varieties Procured from Local Market.
- 10. Manjramkar,V., Et al.** Vivacity of skin owing to the flowers and fruits. In *National conference on Phytochemistry: Recent Trends and Challenges 2012*.
- 11.Manjramkar,V., Et al.** Prevalence of Gutkha (nonsmoking tobacco) addiction in the population, In *International Conference, University of Mumbai DLLE 2013*.
- 12.Manjramkar,V., Et al.** Skin diseases among tribal children of Thane district. In *International seminar on Business, Management and social sciences. 2014 University of Mumbai*.

- 13.Manjramkar,V., Et al.** Hazards and policies for monitoring polymer industries, *In EIBPI 2015 National conference.*
- 14.Manjramkar,V., Et al.** A Comparative Study of Rice Varieties Procured from Local Market Based on Length After Cooking, *In National conference on new and emerging trends in bioinformatics and taxonomy, NETBT 2015.*
- 15.Manjramkar,V., Et al.** Spiritual and medicinal values of Aegle Marmelos in relation to woman health,*In J-BNB available on line.2015.*
- 16.Manjramkar,V., Et al.** Comparability of Lipid and Protein in shrimps: Rich Food Of Wetland, *In International Conference On Ecosystems Services Of Wetlands Adrabhumi proceeding 2016.*
- 17.Manjramkar,V., Et al.** Wildlife in Western Ghats Of India Hill Station: Mahabaleshwar, *In J-BNB February 2017*
- 18.Manjramkar,V.,Et al.** Case Study of literacy status in some Tribes of Maharashtra, *In An International multidisciplinary quarterly research journal Ajanta-ISSN 2277-5730 March 2019.*
- 19.Manjramkar,V., Et al.** Sustainability loss, gain, and lesson to learn, *In J-BNB Multidisciplinary Journal 2021.*
- 20.Manjramkar,V., Et al.** Bioremediation Solution to Remove Pollution(116-119), *In National conference :Advances in Chemical sciences and sustainable development ACSSD-April 2021.*
- 21.Manjramkar, V., Et al.** Comparative Studies On LGBTQ+ In Ancient, Medieval And Modern Civilizations, *In ERJ Educator Research Journal JAN – FEB 2024,*
- 22.Manjramkar, V.,** A Review On Wildlife Conservation Projects For The Flagship Species Of India, *In International Journal Et al. Of Advance And Applied Research Volume-5, (41), 39-43. SEPT OCT 2024,*
- 23,Manjramkar, V., Et al.** Eco morphology in Fishes Volume- 4, Issue- 10 June ,2025.

#### **Books:**

- 1.Manjramkar,V., Et al (2025). *Fundamentals of zoology, disease, evolution, behaviour, and animal cell structure.* AGPH Books, Bhopal.
- 2.Manjramkar,V., Et al (2022). *Fundamentals of natural resource management.* AGPH Books, Bhopal, M. P.India.
- 3.Manjramkar,V., Et al (2022). *Soil conservation and land management.* AGPH Books, Bhopal, M. P.India.
- 4.Manjramkar,V., Et al (2022). *Bioinformatics.* Alpha International Publication
- 5.Manjramkar,V., Et al (2019) International Conference on Ecology, Ethology & Environment Management (ICEEE 2019) Golden Jubilee Relation between energy levels and temperament in dogs

#### **Chapters published in books:**

1. Manjramkar, V. (2016). *University practical book in physiology*.

Chapter 1: Urine analysis

Chapter 2: Detection of ammonia in water excreted by fish

Chapter 3: Detection of uric acid from excreta of bird

2. Manjramkar, V. (2019). *Understanding genetics*. Advances in Animal Science Volume I Bhumi Publishing house

3. Manjramkar, V. (Year). *Mechanism of surviving in extremes*. Advances in Animal Science Volume I Bhumi Publishing house

4. Manjramkar, V. (Year). *Mechanical and physical control methods for pest suppression*. Integrated Pest Management Strategies

5. Manjramkar, V. (Year) Co-evolution of Pathogens and Plants”, Agricultural Science: Research and Reviews (Volume II )Bhumi Publishing house

6. Manjramkar, V. (Year) Tracking the Corona Virus and Out Break” “COVID 19: Impact and Response Volume IV Bhumi Publishing house.

### **Patents:**

- Development of Mercury Ion Detection Sensor Using Field Effect Transistor in Wastewater
- A Novel Method for Preparation of Silver Nanoparticles
- An Organic Food Preservative Composition
- A Method for Formulating Natural Disinfectant Using Orange Peel
- Methods for Formulating Vegetable and Fruit Waste Culture Medium for Industrial Fungi Cultivation
- AI-Based Approach for Predicting the Impact of Antioxidants in Delaying Cell Damage in Cancer Patients
- Deep Learning-Based Analysis to Identify the Impact of Various Social Media Platforms on Academic Performance
- Hydrolase Enzyme Complex for Treatment of Wastewater
- Advanced Chamber to Monitor Fish Health

- Blood Glucose Monitoring Device With Testing Strip Set
- Evaluation of Cellular Properties for Non-Small Cell Lung Cancer Treatment Based on Advanced Nanoparticle Drug Delivery System
- Artificial Intelligence-Based Approach to Study the Age-Associated Alteration of Brain Mitochondrial Energetics

### **Research projects ongoing:**

1. Surveillance of Skin Diseases in Tribals of Thane District (minor Research project)
  2. To Study The Health ,Economic Status And Generate Awareness In Tribal Of Thane And Palghar District
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### **Awards & Recognitions:**

NCC Rank Holder – All India 4th Position, 1998

Samajbhushan Puraskar, 2011

BEQET Award ,2020

Star Education Award, 2024

Six Sigma Excellence Award, 2025

Rovex Award for Rotary Service,2024

Ready For Next (RFN) – Esports Participant/Affiliate, 2025

Maharashtra Shikshan Bhushan Puraskar, 2025

### **Notable Achievements:**

Roundtable speaker in 31<sup>st</sup> Elets World Education Summit at Taj President,Mumbai.2024.

Certificates of Excellence in Reviewing Journals of Advances in Biology and Biotechnology.

Certified as Majhi Vasundhara Mitra.

BoS Chairman in CKT college Panvel and BoS member of University of Mumbai.

