

Curriculum Vitae

Dr. MILIND MANOHARRAO SHINKHEDE

M.Sc., Ph.D.

Associate Professor and Head Department of Zoology,

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Panchpaoli, Nagpur-440017

Residence: Flat No.301, Ishan Apartment, Central Railway Colony, Near Chakrapani Mahavidyalaya, Onkar Nagar, Nagpur-440027

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Born on 19th May 1979, Married

Educational Qualification

Ph. D. (Zoology) (August 2007)

Title "Hormonal control of digestion and royal jelly production in the Indian honey bee *Apis cerana indica* F.(Hymenoptera: Apidae)" Under the guidance of Dr. D. B. Tembhare Former Professor and Head. P.G Department of Zoology, RTM, Nagpur University, Nagpur.

- **M.Sc. (Zoology)**

Department of Zoology, RTM Nagpur University, Nagpur – 440 033, India

Year 2001; 64.50 %

- **B.Sc. (Zoology, Botany and Chemistry)**

Anand Niketan College, Warora, Dist. Chandrapur

Year 1999; 60.14 %

Research Interest

My utmost interest lies in Insect physiology and various biochemical aspects. I am also interested in biodiversity of ants. My long term objective is to achieve excellence and contribute in the Society as a researcher

Area of Research

- Industrial Entomology
- Pest Control
- Cell biology
- Mammalian Reproductive Physiology
- Animal tissue technique

Proficiency in the Techniques

Research activity includes experimentation on the Indian Honey bee, *Apis cerana indica* subjected to techniques such as Histomorphology, Biochemistry, Immunocytochemistry, Enzyme activity, Electron Microscopy, Molecular biology techniques

Professional experience

- Presently working as Assistant Professor and Head in the Department of Zoology Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur since 02nd July 2009.
- Two year teaching experience in Post Graduate Department of Zoology, Hislop College, Nagpur. (2007-2009)
- Two year teaching experience to M. Phil. in Department of Zoology, RTM Nagpur University, Nagpur.
- Five years experience of teaching in the Post Graduate Department of Zoology, RTM Nagpur University, Nagpur.
- Two year teaching experience in Anand Niketan College, Warora, Dist. Chandrapur at Undergraduate level (Session 2001-2003)

Research Project sanctioned

- 1) Title: **“Studies on Hypopharyngeal gland development and their secretion in the Indian Honeybee *Apis cerana indica* F. (Hymenoptera: Apidae)”**

Project No. 47-1721/10 (WRO) Dt: 2/5/2011

Amount Sanctioned: 1, 05,000/-

Duration: 2 years (Completed)

Funded by: UGC

- 2) Title: **“Investigation and demonstration of bio-repellents and pesticides: A pilot scale demonstration”**

Funded by: Rajiv Gandhi Science and Technology Commission implemented by RTMNU, Director of Innovation, Incubation and Linkages (IIL)

Amount sanctioned: Rs. 2, 00,000/-

Duration: 2 years (2021- 2023)

Additional information of relevance

Recognized Research Supervisor of RTM Nagpur University Nagpur in the subject Zoology (Science Faculty) Ph.D. (Cell)/RRC/Guide/858 B/275

Awarded: 02 students (As Co-Supervisor)

Title of thesis:

- 1) “QSAR studies on alkylphenol derivatives and toxic effect of one of the identified potent derivatives on HPGL axis of teleost fish” (Mr. Ashik Kumar Nagwanshi , 2022)**
- 2) “Studies on digestive physiology of Indian honey bee *Apis cerana indica* F. (Hymenoptera: Apidae)” (Mr. Gajanan Buddhe. 2022)**

Currently Registered: 06 students

Membership

Life Member of Indian Society Neurochemistry, Hyderabad

Life Member of National Environmental Association (NEA), Rachi.

Life member of Vigyan Bharti Vidarbha Prant

Academics and Professional responsibilities

- Member (BoS) Board of Studies, RTMNU, Genetic Engineering and Molecular Biology (Ad-hoc Board) since 2019
- Member 48/3 Zoology Board RTMNU since 2020-2022
- Member of BoS Zoology and Biotechnology Engineering (Adhoc) from 2023
- Worked as a member of the study committee of Maharashtra State Bureau of Textbook Production and curriculum research, Pune from 2018-2020 for Xi and XII textbook and Practical book
- Responsibility as Vice- Principal since 2021 in home institute
- Working as IGNOU counselor for Bee-keeping course (Centre-Hislop College)
- Six books are published with ISBN number based on curriculum
- About 25 Research articles publish in various journals