



DR. DEWASHREE ANAND NAGARKAR

DESIGNATION: ASSISTANT PROFESSOR,
DEPARTMENT OF ZOOLOGY

ACADEMIC QUALIFICATION: M.Sc., M.Phil., B.Ed.,
Ph.D.

WORK EXPERIENCE: 17 YEARS

Research Contribution

- Deepak D. Barsagde, Dewashree A. Nagarkar, Jitendra R. Kirsan (2019). Surface ultrastructure of antenna and distribution of sensilla in *Leptogenys chinensis* (Mayr) (Fabricus) (Formicidae: Hymenoptera). *Journal of Applied Biology and Biotechnology*, 7(2): 1-6.
- Barsagade D. D., Nagarkar D. A.*, Masram P. P., Thakre M. P. (2020). Genetic relationship among *Leptogenys Chinensis* and *Myrmicaria Brunnea* (Hymenoptera: Formicidae) by RAPD Molecular Markers. *European Journal of Biology and Biotechnology*, online: www.ejibio.org, DOI: 10.24018/ejibio.2020.1.4.62.
- Deepak D. Barsagade, Parag P. Masram, Dewashree A. Nagarkar (2020). Surface ultrastructural studies on antenna in polymorphs of weaver ants *Oecophylla smaragdina*; Fabricius (Formicidae: Hymenoptera) with reference to sensilla. *Indian Journal of Agricultural Research*, A-5411: 1-8.
- D. D. Barsagade, M. P. Thakre, J. R. Kirsan, S. B. Nagose, D. A. Nagarkar, A. M. Bodele (2017). Mouthpart sensilla of the worker ant *Leptogenys dentilobis*. *Hislopia Journal*, 10(1): 99-103.
- D. S. Takalkar and M. N. Shinkhede (2011). Screening of Vavding for antibacterial activity. *Indian Streams Research Journal*, ISSN No: 2230-7850.

Paper Published & Presented in Conferences & Seminars:

- Participated and presented a paper at the UGC sponsored National Conference on Biodiversity and Environment, organized by S.S.E.S. Amravati's Science College on 4th & 5th January 2008.

- Participated and presented a paper at the National Conference on Animal Diversity: A Conservational Approach, organized by the Department of Zoology, B.P. Arts SMA Science and KKC Commerce College, Chalisgao on 10th and 11th August 2021.
- Participated in the National E-Workshop on Organic Farming and Sustainable Agriculture, organized by RLT College, Akola on 24th March 2021.
- Participated and presented a paper at the National Virtual Conference on Current Research Trends in Zoology, organized by the Department of Zoology, Elphinstone College, Mumbai on 5th & 6th August 2021.
- Participated and presented a paper at the National Conference on Basics and Advances in Biological Sciences on 8th & 9th April 2022.
- Presented a paper titled “Sensory Structure on the Abdomen of Predatory Ants *M. brunnea* & *L. chinensis* (Hymenoptera: Formicidae): A Comparative Study of Different Sensilla & Their Distribution” at the International Conference on Basic Sciences: Global Challenges & Solutions for Sustainable Development (GCSSD-2K23- Hybrid Mode) on 13th & 14th October 2023, organized by Chintamani College of Science, Pombhurna Chandrapur.
- Presented a poster titled “Unveiling the Remarkable Adaptations: An Extensive Examination of Leg Morphology of *Myrmicaria brunnea* (Hymenoptera: Formicidae)” at the Two Days National Symposium on Diversity of Animal Life (NSDAL 2024), organized by the Department of Zoology, Shri Dnyanesh Mahavidyalaya, Nawargaon, Chandrapur, on 12th & 13th January 2024.
- Presented a paper titled “Delving into Subterranean Life: A Comprehensive Surface Ultrastructural Study of the *L. chinensis* Gaster (Hymenoptera: Formicidae)” at the National Conference on Green Earth- Clean Earth, organized by L.A.D. & Smt. R.P. College, Nagpur on 10th February 2024.
- Presented a poster titled “Comparative Analysis of Abdominal Microarchitecture and Sensilla in *Myrmicaria brunnea* & *Leptogenys chinensis* Ants (Hymenoptera: Formicidae)” at the International Conference on Functional Materials, organized by Nabira Mahavidyalaya on 15th and 16th March 2024.

COLLEGE COMMITTEE & CONVENORSHIPS

- Organized workshop on Bioinformatics on 13 January 2024: Member
- Organized an Intercollegiate Wild Life Photography Competition on 6 March 2024. (Co-convener)
- Organized workshop on crafting of bird-feeder & water dispenser on 12 April 2024. (Convener & resource person)
- NAAC criteria VII: Member
- Aura- Intercollegiate quiz competition: Member
- Women studies: Member
- Green earth & clean earth-2024” National Conference: member of fund raising & Registration committee
- Mentor Committee: member

Recognitions & Accolades

- Peer review: Plant cell biotechnology and molecular biology, International Knowledge Press.
- Evaluator at Science Model Competition organized by Vighyanbharti Vidarbha Pradesh Mandal, at Anjuman College of Engineering & Technology, Nagpur, on **17 February 2024.**