

Updated CV of Faculty:**Curriculum Vitae**

Name : **Dr. Mrs. HEMLATA**
PRADEEP NANDURKAR

Qualification : M.Sc., NET, Ph.D.

Designation : Associate Professor and Head
Specialization : Animal Physiology



Official Address: Department of Zoology,
Sant Gadge Baba Amravati University, Amravati,
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Teaching Experience: 27 yrs.

Educational Qualification:

S. N.	Exam. Passed	University/ Board	Division	Years of Passing	Subjects offered
1.	B.Sc.	Pune University	I st class With distinction	1991	Zoology, Botany, Chemistry
2.	M.Sc	North Maharashtra University, Jalgaon	I st class with distinction (*University First Rank)	1993	Zoology (Specialization. Animal Physiology)
3.	Ph.D.	North Maharashtra University, Jalgaon	--	2005	Zoology

Additional Qualification:

National Eligibility Test for Lectureship (1993) conducted by University Grants Commission / Council of Scientific and Industrial Research, New Delhi, India.

Research Experience: 21 years

Area of Research: Aquaculture, Physiology, Biodiversity, Toxicology

Research Guidance: 70 M. Sc. Projects

Ph. D: Out of 6 Ph.D. 3 students awarded Ph. D Degree and 3 are currently working.

Research Publications: Number of Research Papers published: 27 (International -20, National -07, Abstracts-26)

Papers under publication: 01.

Research Projects:

Major Research Project of UGC Completed – 01 (PI) entitled, ‘Culicid biodiversity in mosquito borne diseased prevalent Amravati District of Maharashtra’ worth Rs. 4,48,000/-

Papers Presented in International/National Conferences: 35 (International -13, National -22)

Paper publications:

1. **H. P. Nagpure, S. P. Zambare (2003).** Tetracycline & Chloramphenicol induced alterations in the glycogen level of various tissues of the freshwater bivalve, *Parreysia cylindrica* (Annandale & Prashad), *Jr. Aquatic Biology*, Vol. 18(2): 167-170.
2. **H. P. Nagpure, S. P. Zambare (2004).** The effect of trimethoprim on oxygen consumption of the freshwater bivalve, *Lamellidens corrianus* (Lea), *Asian Jr. of Microbiol. Biotech. Env. Sci.* Vol6(3): 509-512.
3. **H. P. Nagpure, S. P. Zambare (2005).** The impact of tetracycline & chloramphenicol on protein contents in different tissues of the freshwater bivalve, *Lamellidens corrianus*(Lea), *Jr. Comp. Toxicology & Physiology*, Vol2(I&II) 81-85.
4. **H. P. Nagpure, S. P. Zambare (2008).** Tetracycline & Chloramphenicol induced alterations in the glycogen content of various tissues of the freshwater bivalve, *Lamellidens corrianus* (Lea), *Jr. Aquatic Biology*, Vol. 23(2), 113-118.
5. **H. P. Nagpure, S. P. Zambare (2009).** The impact of trimethoprim on ascorbic acid contents of various tissues of the freshwater mussel, *Parreysia cylindrica*. (Annandale & Prashad), *Asian Jr. of Microbiol. Biotech. Env. Sci.* Vol. 11(1), 151-155.
6. **H. P. Nagpure, S. P. Zambare (2010).** Study of Tetracycline & Chloramphenicol activity on the rate of oxygen consumption in (the experimental animal) freshwater bivalve, *Lamellidens corrianus*(Lea), *National Jr. Of Life Sciences*, Vol.7(1): 45-48.
7. **H. P. Nandurkar, S. P. Zambare (2010).** Effect of broad spectrum antibiotics on oxygen consumption rate of the freshwater bivalve, *Parreysia cylindrica* (Annandale & Prashad), *Jr. of Environment & Biosciences*, Vol. 24(2): 183-187.
8. **H. P. Nandurkar, S. P. Zambare (2010).** Effect of Trimethoprim on protein contents of the freshwater bivalves, *Lamellidens corrianus* & *Parreysia cylindrica*, *Jr. of Ecobiology*, Vol. 27(4)369-376.
9. **H. P. Nandurkar, S. P. Zambare (2011).** The effect of Chloramphenicol on ascorbic acid contents of *Lamellidens corrianus*(Lea), *Parreysia cylindrica* (Annandale & Prashad), *Jr. of Ecobiotechnology*, Vol.3(11): 08-11.

10. **H. P. Nandurkar, S. P. Zambare (2012).** Comparative study of acute & chronic exposure of Chloramphenicol on total lipid contents in different tissues of model animals, *Lamellidens corrianus*(Lea) & *Parreysia cylindrica* (Annandale & Prashad), ***International Multidiciplinary Research Journal*** , Vol. 2(3): 33-35
11. **H. P. Nandurkar, S. P. Zambare (2012).** Effect of trimethoprim on glycogen contents in freshwater mussels, *Lamellidens corrianus* (Lea) & *Parreysia cylindrica* (Annandale & Prashad), ***International Jr. Of Life Sciences***, Vol. 6(1): 37-42.
12. **H. P. Nandurkar, S. P. Zambare (2012).** Study of acute & chronic treatment of Tetracycline on total lipid contents in various tissues of freshwater mussels, *Lamellidens corrianus*(Lea) & *Parreysia cylindrica* (Annandale & Prashad), ***Asian Jr. of Biological & Life Sciences***, Vol.1(I), 41-44.
13. **H. P. Nandurkar, S. P. Zambare (2012).** Study of effect of trimethoprim on lipid contents in various tissues of freshwater mussels, *Lamellidens corrianus* & *Parreysia cylindrica* (Annandale & Prashad), ***Jr. of Environmental Bio-Sciences***, Vol. 26(1): 27-30.
14. **H. P. Nandurkar, S. P. Zambare (2012).** Effect of tetracycline and chloramphenicol on protein contents in different tissues of freshwater bivalve, *Parreysia cylindrica* (Annandale & Prashad), ***Flora and Fauna: An International Research Jr. of Biological Sciences***, Vol. 18(2): 259-264.
15. **H. P. Nandurkar (2013).** Study of tetracycline induced alteration in ascorbic Acid contents in freshwater bivalves, *Lamellidens corrianus* (Lea) and *Parreysia cylindrica* (Annandale and Prashad), ***The Bioscan (Supplement on Toxicology)*** Vol. 8(3): 997-1000.
16. **H. P. Nandurkar, R.N. Tayade (2014).** Study of anopheline diversity in mosquito borne diseased prevalent Amravati district of Maharashtra, ***International Journal of Advancements in Research & Technology***, Vol. 3(4): 28-38. **Impact Factor: 0.4.**
17. **H. P. Nandurkar (2014).** Diversity of *Aedes* in the Amravati district of Maharashtra and its role as a vector. ***Journal of Biodiversity and Environmental Sciences***, Vol. 5(1): 97-104. **Impact factor: 1.356.**
18. **H. P. Nandurkar (2015)** Study of acute toxicity of Chemotherapeutant in Freshwater Mussel, *Lamellidens corrianus* (Lea) and *Parreysia cylindrica* (Annandale and Prashad) ***International Journal of Current Research and Academic Review*** Vol. 3 (5):1-16. **Impact factor: 1.215.**
19. **H. P. Nandurkar (2015)** Hepatopancreatic alteration in protein level in freshwater bivalve, *Lamellidens corrianus* (Lea) exposed to broad spectrum antibiotics ***International Journal of Advanced Research in Biological Sciences*** 2(5):51–57. **Impact factor: 1.168.**
20. **H. P. Nandurkar, S. P. Zambare (2016)** Trimethoprim effect on Ascorbate Content in freshwater bivalve *Lamellidens corrianus* (Lea), ***Research in Science and Engineering***, Vol.5(Special Issue 2): 577-582, **Impact factor: 2.83**

21. **H. P. Nandurkar (2017)** Change in Alkaline Phosphatase Activity Induced By Tetracycline in Freshwater Mussel, *Parreysia cylindrica* (Annandale and Prasad) *IOSR Journal of Pharmacy and Biological Sciences* Vol.12(3) Ver. VI: 92-94. **Impact factor: 3.83.**
22. **Kalpna Lavate, Hemlata Nandurkar (2018)** Acute toxicity assay of *Kigelia pinnata*'s aqueous fruit extract on *Clarias batrachus* (Linn.) UGC Approved Sr. No. 64259 *Aayushi International Interdisciplinary Research journal Special Issue No. 26 (Proceeding)* ISSN: 2349-638x Impact factor 4.574
23. **Irfan A. Badroo, H. P. Nandurkar (2019)** Paraquat dichloride induced alterations in selected biochemical parameters of fresh water teleost fish, *Channa punctatus* (Bloch) after chronic exposure, *Research Journey International E-Research Journal Special Issue 110 (G)- Zoology* ISSN: 2348-7143 Feb. – 2019 Peer reviewed Impact factor (SIF)-6.261, (CIF) -3.452 (2015), (GIF)-0.676 (2013)
24. **Irfan A. Badroo, H. P. Nandurkar (2019)** Paraquat Dichloride Induced Carbohydrate Metabolism Alterations in Fresh Water Teleost Fish *Channa punctatus* (Bloch, 1793) after acute Exposure. *Bioscience Biotechnology Research Communications: Special Issue* Vol12(4): **42-47** August 2019 Online ISSN: 2321-4007 Impact Factor **ISI ESCI SJIF 2018=4.186**
25. **Kalpna Lavate, Hemlata Nandurkar (2019)** Antifungal Activity of *Kigelia pinnata* Aqueous and Ethanolic Fruit Extract on Infected *Clarias batrachus* *Bioscience Biotechnology Research Communications: Special Issue* Vol12(4): **71-74** August 2019 Online ISSN: 2321-4007 Impact Factor **ISI ESCI SJIF 2018=4.186**
26. **Irfan A. Badroo, Khursheed Ahmad Wani, Hemlata Pradeep Nandurkar & Ashiq Hussain Khanday (2019)**, Renewal Acute Toxicity of Broad-Spectrum Herbicide, Paraquat Dichloride in *Channa punctatus* (Bloch) *Environmental Claim Journal* Vol. 31(4) Pages 289-303 June 2019, Impact Factor **0.34**
27. **IA Badroo, HP Nandurkar & AH Khanday (2020)** Toxicological impacts of herbicide paraquat dichloride on histological profile (Gills, Liver and Kidney)of freshwater fish, *Channa punctatus* (Bloch) *Environmental Science and Pollution Research* Vol. 27(31): 39054-39067

Conferences/Webinars Organized:-

Convener:

- 1) National conference on “Recent Trends in Life Sciences for Sustainable Development” organized on 22nd -23rd January, 2019.
- 2) International Webinar on ‘Biodiversity and Wildlife Conservation’ organized on 30th May 2020.
- 3) International Webinar on ‘Taxonomy and Forensic Entomology’ organized on 31st May 2020.
- 4) Wild Life Week Celebration in collaboration of Melghat Tiger Reserve

Amravati and NGOs of Amravati city.

Worked as:

Coordinator:

- 1) U.G.C. Sponsored Seminar Competition on Modern Trends in Cytogenetics Mahatma Fule Arts, Comm. & Sitaramji Choudhari, Sci. College, Warud on 10th Dec. 2008.
- 2) National Seminar Evaluation of Tribal folk knowledge & Biodiversity Mahatma Fule Arts, Comm. & Sitaramji Choudhari, Sci. College, Warud, 12th Jan. 2009.

Other Activities:

1. Guest Editor of Bioscience, Biotechnology Research Communications (BBRC) for Special Issue for National Conference-RTLSSD-2019, Vol. 12, No. 4, August 2019.
2. Subject expert for upgradation of Rajiv Gandhi National Fellowship JRF to SRF at Deogiri College, Aurangabad. Worked as VC nominee for project fellow selection in RGSTC project, Biotechnology Deptt. SGBAU, Amravati.
3. **Member** of BOS of host University, Sandip University, Nashik, M. J. College having Autonomy.
4. **Member** of syllabus committee, moderation committee for PG, M. Phil, in SGB Amravati University.
5. **Coordinator** for Refresher course in Life Sciences at HRDC S. G. B. Amravati University.
6. **Convener of Seminar committee** in NSD.
7. Committee Member of moderation of M.Phil Paper I syllabus,
8. Committee Member of Recognition of Research Centres 3) Virtual C4 Committee 4) Swachha Bharat Abhiyan 5) LEC at affiliated colleges 6) Preparation of draft for PG in Environmental Studies at host University 7) In Charge Teacher for Youth Festival 8) Judge in Avishkar.
9. **Resource person** for Conferences, Refresher and Orientation courses and lectures in affiliated colleges, In the department worked as Professor In- Charge of Zoological Society.

Ph.D./ M. Phil thesis evaluation: for Rani Durgavati University Jabalpur, Patan University, Rajkot, Dr. Babasaheb Marathwada University, Aurangabad etc., **Observer** in NEET.

Life Member of various scientific organizations: (i) Indian Science Congress Association, (ii) Indian Women Scientist Association Co-convener of Amravati branch of IWSA, (iii) Journal of Aquatic Biology, (v) Member of Local Technical committee of Research Project under MTR, Amravati

Country visited: Thailand.

Life member of organizations: Indian Science Congress, Journal of Aquatic Biology Indian Women's Scientists Association
