

Name: Dr. Suresh C. Masram

Professor (CAS) Post Graduate Teaching Department of Zoology

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

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Unique ID: 9693 5024 0217, **Employment ID No.:** 7500

Association: Permanent

Educational Qualification: M.Sc., Ph. D., SET Passed.

Experience: **Teaching- UG:** 11 Years 6 Months 25 days, **PG:** 13 Years.

Research- 19 Years including period of Ph.D. work.

Working Experience:

- Chairman of Board of Study (BoS), Zoology, RTM Nagpur University, Nagpur
- Chairman of BoS, Sericulture, RTM Nagpur University, Nagpur
- Director (Additional Charge), Centre of Sericulture and Bioresource Management Research, RTM Nagpur University, Nagpur
- Director, ST MPSC Examination Centre, RTM Nagpur University, Nagpur
- Member of BoS, PGTD Zoology, RTM Nagpur University, Nagpur
- Member of Academic Council, Autonomous Bajaj College of Science, Wardha
- Member of Alumni and Placement Cell, RTM Nagpur University, Nagpur
- Member of Student Welfare Fund Committee, RTM Nagpur University, Nagpur
- Member of Swachhta Action Plan, RTM Nagpur University, Nagpur
- Member of Research Advisory Committee for research center in Zoology of Shri Mathuradas Mohata Science College Nagpur; Sevalal Mahila Mahavidyalaya, Nagpur; Vidya Vikas Mahavidyalaya Smudrapur.

Area of Research: Fish neuroanatomy, odonatology, pest management.



Courses Taught:

M.Sc. Sem. I:	Cell Biology and Genetics, Unit: III Research Methodology: Unit II Elective- General Entomology: Unit I
M.Sc. Sem. II:	Biology of Chordata: Unit; II Elective: Insect Morphology and Physiology: Unit I Elective: Economic Aquaculture: Unit I.
M.Sc. Sem. III:	Parasitology and Immunology: Unit I Elective: Fish Physiology: Unit IV Elective: Insect Pest Management: Unit I
M.Sc. Sem. IV:	Biotechniques, Biostatistics, Toxicology and Bioinformatics: Unit II Elective: Molecular Biology and Biotechnology: Unit III Elective: Medical, Veterinary and Industrial Entomology : Unit III

Research Guidance:

PH.D. Awarded Students: 06

Ph.D. Working Students: 05

Research Papers Published:

National Journal: 04

International Journal: 20

Project carried out:

Project entitled, “Role of neuropeptide Y in the reproduction in spotted snakehead, *Channa punctata*” worth Rs. 2,96,000/- funded by RTM Nagpur University, Nagpur (2015-2017).

Date of Appointment: First appointment as lecturer in Amolakchand Mahavidyalaya on 15/11/1999. In RTM Nagpur University, Nagpur joined as Assistant Professor on 10/06/2011.

Date of Superannuation: 30/04/2035

Publication:**Book Chapter:**

1. Masram SC, Dewalkar LP, Rahate UR (2023).An overview of medicinal properties of *Cassia sophora* (Linn.).Global Books Organization, New Delhi, pp 41-52.

Research Articles

1. Bhute YV, **Masram SC**, Raut IN and Baile VV(2007).Cytoarchitectonic pattern of the olfactory system, forebrain and pituitary gland of Indian Major Carp, *Labeo rohita*. *Annals of Neurosciences*14, 30-34.
2. Dewalkar LP, Shambharkar RB and **Masram SC** (2014). Immunostimulatory effects of etiolated wheat grass, *Triticum aestivum* Linn. On Dexamethasone induced immunosuppressed albino rat. *International Journal of Pharmacy and Phamaceutical Sciences* 6 (4): 556-558.
3. Dewalkar LP, Shambharkar RB and **Masram SC** (2014). Comparative hypoglycemic and biochemical effects of etiolated wheat grass, *Triticum aestivum* (Linn.) and *Lagerstroemia speciosa* (Linn.) Pers. fruit in alloxan induced diabetic albino rat. *International Journal of Pharmacy and Phamaceutical Sciences* 6 (5): 437-440.
4. **Masram SC** and Baile VV (2014). Ultrastructure of the olfactory organ in striped snakehead *Ophiocephalus striatus* (Bloch). *International Journal of Pharma and Biosciences* 5(3): (B) 955-964.
5. **S. C. Masram**, P. C. Sonarghare, K. P. Khaparde, C. P. Sahare, and U. R.Sonparote (2015). Spider Diversity of Visvesvaraya National Institute of Technology Campus, Nagpur. *Internatonal Journal of Researches in Biosciences, Agriculture and Technology* 3:254-256.
6. **Masram SC** and Baile VV (2014). Ultrastructure of the olfactory organ in striped snakehead *Ophiocephalus striatus* (Bloch). *International Journal of Pharma and Biosciences* 5(3): (B) 955-964.
7. **S. C. Masram**, P. C. Sonarghare, K. P. Khaparde, C. P. Sahare, and U. R.Sonparote (2015). Spider Diversity of Visvesvaraya National Institute of Technology Campus, Nagpur. *International Journal of Researches in Biosciences, Agriculture and Technology* 3:254-256.
8. Sonarghare, P.C., **Masram S.C.**, Sonparote U.R., Khaparde K.P. Raghukumar, V. and Baile V.V. (2015). Seasonal influence on muscle fatty acid composition of carp, *Labeo rohita* (Ham.). *International Journal of Researches in Biosciences, Agriculture and Technology*, 6: 50-52.
9. **Masram S.C.**, Sonarghare P. C., Sonparote U. R., Shende BG., Shinkhede M. and Khaparde K.P.(2015). Hymenopterean fauna of Visvesvarya National Institute of

Technology Campus, Nagpur. International Journal of Researches in Biosciences, Agriculture and Technology, Sp. Issue: 95-96.

10. Kulsangae BK and **Masram SC** (2016). Annual morphological variation of female reproductive system in spotted snakehead, *Channa punctata* (Bloch, 1793). International Journal of Researches in Biosciences, Agriculture and Technology, 4(3): 41-44.
11. Kulsangae BK and **Masram SC** (2017). Oocyte development in fresh water spotted snakehead, *Channa punctata* (Bloch, 1793). International Journal of Researches in Biosciences, Agriculture and Technology, 5 (1): 72-75.
12. Dewalkar LP and **Masram SC** (2018). Standardization of alloxan dose to induce stable experimental diabetes in *Rattus norvegicus*. World Journal of Pharmaceutical Research, 7(1):1596-1601.
13. Ghodeswar PL, Gorghate ND and Masram SC (2018). Comparative account of olfactory organ of *Channa punctata* (Bloch) and *Heteropneustes fossilis* (Bloch). International Research Journal of Natural and Applied Sciences, 5(11): 109-115.
14. Masram SC, Sonarghare PC, Khapade KP, Ghodeswar PL and Baile VV (2019). Comparative account of pituitary gland of *Channa punctata* (Bloch) and *Heteropneustes fossilis* (Bloch), Research Directions, Sp issue: 46-49.
15. Salame B.H. and **Masram S.C.** (2019). Reproductive phase wise variation in total protein, total carbohydrates and total cholesterol in the ovary of *Channa punctata* (Bloch, 1793). Trends in Fisheries Research, 8(1): 60- 64.
16. Waghmare KT, **Masram SC**, Meshram DB, Baile VV and Gorghate ND (2019). Truss network system and DNA barcoding as promising tools for identification, conservation and management practices in fishereies: A review, Research Directions, Sp issue:,107-112.
17. **Masram SC**, Salame BH, Meshram DB and Waghmare KT (2019). Reproductive phase wise fluctuations in protein, carbohydrate and cholesterol in the blood serum of female spotted snakehead, *Channa punctata* (Bloch, 1793). International Journal of Advanced Scientific Research and Management, 4(4): 487-490.
18. Meshram DB, **Masram SC** and Baile VV (2019). Lead induced changes in protein content of kidney, liver, muscles and ovary of tilapia, *Oreochromis mossambicus* (Peters). International Research Journal of Biological Sciences, 8(5): 17-20.

19. Rahate UR, Dewalkar LP and Masram SC (2019). Qualitative phytochemical analysis of *Cassia sophera* (Linn.) on aqua –ethanol seed extract. International Research Journal of Natural and Applied Sciences, 6 (6): 48-57.
20. Ghodeswar P, Gorghate N and **Masram S** (2020). Light and transmission electron microscopic study of olfactory organ of spotted snakehead, *Channa punctata* (Bloch), 8(6): 483-490.
21. Sonarghare P. C; **Masram. S.C.**, Sonparote U. R., Khaparde K.P., Kharkate S.K.Shinkhede (2020). Causes and effects of eutrophication on aquatic life. International Journal for Environmental Rehabilitation and Conservation, 11 (SP2): 213-218.
22. Sonarghare PC, **Masram, SC**, Sonparote UR and Khaparde KP (2021). Biochemical and histopathological studies on Indian Major Carp, *Labeo rohita* (Hamilton). Bioinfolet, 18(4): 497-498.
23. Nilesh Gorghate, Suresh Masram, Prakash Ghodeswar and Yogesh Bhute (2023). Histological and ultrastructural study of pituitary gland of pangas catfish, *Pangasius pangasius* (Hamilton, 1822). Bioinfolet, 20(4): 731-734.
24. Lalit P. Dewalkar, Swapnil K. Dahule, Sursh C. Masram (2024). *Triticum aestivum* Octacosanol, a Potential Inhibitor of PCSK9 in Fat Diet–Induced Hypercholesteromia. Revista Brasileira de Farmacognosia, 34: 1-12 doi.org/10.1007/s43450-024-00544-5