

Curriculum Vitae of
Dr. Mahesh Bholeshwar Mudgal

CORRESPONDENCE ADDRESS

Dr. M. B. Mudgal
Department of Zoology,
Arts, Commerce & Science College, Jawhar
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E-mail: amimudgal@gmail.com
Date of Birth- **14-03-1982**,
Gender- **Male**
Nationality- **Indian**

PERMANENT ADDRESS

Dr. M. B. Mudgal
Chintamani Heights, Flat No. 2
First Floor, B-Wing
Serene Meadows, Anandvalli
Gangapur Road Nashik-422013
Contact No. **9619044464**

EDUCATIONAL QUALIFICATION: **M. Sc., Ph.D., SET.**

TEACHING EXPERIENCE: **(10-Years): For Undergraduate and Post Graduate**

RESEARCH AREA INTEREST AND SPECIALIZATION: **Drug development, nano-technology, Physiology, toxicology, community diseases.**

RESEARCH EXPERIENCE : (10 Years)

- Project Fellow on Major Research Project entitled “Nucleic acid derived indices and protein profile of major carps in different seasons in water reservoir around Amravati city” sanctioned to Dr. S. R. Akarte by UGC New Delhi from 30-11-2011 to 31-12-2014.
- As a research student 31-12-2014 till 28-12-2015.

RESEARCH PAPERS PUBLISH IN JOURNALS/CONFERENCE/PROCEEDINGS:

- **Mudgal, M. B. (2012)** Amino acid composition of zooplankton of a tropical lake with reference to nutritional value of fish. *Biosci. Biotech. Res. Comm.*, 5 (2) 2012; 183-186.
- **Mudgal, M. B. (2013)** Study on possible use of highly proteinaceous zooplankton as a direct source of supplementary food for the prevention of protein energy malnutrition (PEM). *Int J Pharma Bio Sci*, 4 (1) : (B) 735-740.
- **Akarte S. R. & Mudgal M. B. (2016).** Tissue specific variations in protein and RNA: DNA ratio of freshwater fish *Channa punctatus*. *Adv. Biores.*, 5 (4) 2014; 35-38.
- **Akarte S R and M. B. Mudgal (2017).** Biochemical composition of fish eggs from local water reservoirs around Amravati city. *Biosci. Biotech. Res. Comm.* 10(2): 49-52 (2017).
- **Akarte S. R. & Mudgal M. B. (2016).** Evaluation of mineral contents of the fresh water fish *Rasbora daniconius* after feeding with *Azolla pinnata*. National Conference on Recent Trends in Conservation of Biodiversity, Organized by Department of Life Sciences, S.S.S.K.R. Innani Mahavidyalaya, Karanja (Lad), and Dist-Washim (M.S.) India 12th March 2016. P-312-315. ISSN 2319-4979.
- **Mudgal, M. B. & Akarte S. R. (2018).** Comparative Analysis of Three Spectrophotometric Methods for the Protein Quantification in Different Tissues (Animal) at Different Storage Conditions. International Conference on Recent Trends in Science and Technology, Organized by S.S.K.R. Innani Mahavidyalaya, Karanja (Lad), and Dist-Washim (M.S.) India. *Aayushi Int. Int. Res. J.* Special issue no. 25 413-416.

- **Mudgal, M. B. & Akarte S. R. (2019).** Animal Bioprospecting: New Avenue in Drug Discovery and Development. *Biosci. Biotech. Res. Comm.*, 12 (4) 2019; 75-76.
- **Mudgal, M. B. & Akarte S. R. (2019).** Zoopharmacognosy: Non-Human Animals Behavioral Studies of Self Medication and Its Prospectus In Drug Development. *Research Journey.*, 110 (G) 2019; 218-220.
- **Bambare, A. S., Mudgal, M.B & Tauseef Ahmad (2023).** Protein Target Validation and Functional Annotation of Hypothetical Protein for Bacillus Anthracis. Recent Trends in Humanities, Social Sciences, Sciences and Commerce. 1 (109-112)

BOOK PUBLISHED

- Environmental Management and Zoogeography, University Text Book of Zoology published by University of Mumbai for T.Y. B.Sc. Semester VI Course XVIII ISBN: 978-93-5346-105-8 (First Edition)
- Environmental Management and Zoogeography, University Text Book of Zoology published by University of Mumbai for T.Y. B.Sc. Semester VI Course XVIII ISBN: (Revised Second Edition)

Project Ongoing/Completed

- Major Research Project entitled “Nucleic acid derived indices and protein profile of major carps in different seasons in water reservoir around Amravati city”- **COMPLETED**
- Nano formulation using Heterophragma quadriloculare for the treatment of Athlete’s Foot (Tinea pedis) -**ONGOING**

Current Membership/Affiliation

- Approved Ph.D. Supervisor, University of Mumbai.
- Approved Post Graduate Teacher, University of Mumbai.
- Member Authors Committee of Zoology University of Mumbai.
- Member of Graduate Zoology Syllabus Committee University of Mumbai.
- Member of Post-Graduate Zoology Syllabus Committee University of Mumbai.
- Life Member Indian Science Congress.
- Member of IRC Scientific and Technical Committee & Editorial Review Board on Bioengineering and Life Sciences Connecticut, CT 06878, USA.



Signature

(Dr. Mahesh B. Mudgal)

Date: 31/01/2024

Place: Jawhar