



॥ विद्या विनयेन शोभते ॥

Janardan Bhagat Shikshan Prasarak Sanstha's

CHANGU KANA THAKUR

**ARTS, COMMERCE AND SCIENCE COLLEGE, NEW PANVEL
(AUTONOMOUS)**

Re-accredited 'A+' Grade by NAAC (3rd Cycle - CGPA 3.61)

'College with Potential for Excellence' Status Awarded by UGC

'Best College Award' by University of Mumbai

Department of Zoology

PROFILE OF THE FACULTY



1. General Information:

Name of the Faculty	: Dr. Mrs. Manda Anil Mhatre
Name of the Department	: Zoology
Educational Qualifications	: M.Sc. Ph.D. M.B.A. in Finance. Diploma in Bio-programming
Present Position	: Associate Professor
Address for Correspondence	: A-303 Neel Orchid, Plot No.41. Sector-10, Khanda Colony, New Panvel.
E-mail	: mhatrem1671@gmail.com
Contact Number	: 9833431430
Specialization	: Endocrinology
Total teaching experience	: 26 yrs
Courses taught	: F.Y.B.Sc., S.Y.B.Sc., T.Y.B.Sc. M.Sc.-II
Research experience	: 15years



2. Patent granted:

1	ADVANCED CHAMBER TO MONITOR FISH HEALTH.	Design No.: 383700-001 rkjh[k / Date : 12/04/2023
2	DEVICE FOR MARINE SPONGE BACTERIA ENZYME EXTRACTION	Design No. 400996-001 rkjh[k / Date : 30/11/2023

3. List of Publication of Research Papers:

1. **Manda Anil Mhatre** (2024) Role of Mangroves as Fishery Resource: A Systematic Review
Uttar Pradesh Journal of Zoology, 45 (16). pp. 35-41.
2. **Manda Anil Mhatre** (2024) Understanding Key Stressors for Marine and Coastal Biodiversity Loss: An Overview. Uttar Pradesh Journal of Zoology, 45(15), 330–336.
3. **Manda Anil Mhatre** (2024) Shorebirds: Threats and Strategies for Conservation Uttar Pradesh Journal of Zoology, Volume 45, Issue 17, Page 175-186, 2025
4. **Manda Anil Mhatre**, Vinda Manjramkar and Surendra Prasad (2024) Rice Yellow Stem Borer: An Overview, Agriculture Magazine ISSN:2583-1755
5. **Manda Anil Mhatre**, Vinda Manjramkar and Surendra Prasad: Rice grain Discolorations Disease: An Overview, The Agriculture Magazine ISSN :2583-1755 Vol.03 issue :06-page no.448-451 Feb-2024
6. Surendra Prasad, **Manda Anil Mhatre**, and Khan Laiqur Rehman Moiz (2024) Ecological role of birds 2583-1755 The Agriculture Magazine Vol.03, Issue :9- May2024 page no. 509-512
7. **Manda Anil Mhatre** and Khan Laiqur Rehman Moiz (2024) Microscopic Menace: The Impact of Mites on Agricultural Crop The Agriculture Magazine Vol.03 issue :11-page no.448-451 July-2024
8. **Manda Mhatre**, Yojana Muniv and Rani Thakre (2022). The Extraction of Pearl Essence from Different Types of Fishes. International Journal of Advanced Research in Science, Communication and Technology. Volume 2, Issue 3, 237-239.



9. **Manda A. Mhatre**, Shruti R. Hiremath and Yojana S. Muniv (2022). Survey project to understand the impact of COVID-19 on Education. Electronic International Interdisciplinary Research Journal. Volume–XI, Issues– II, 148-155.
10. Jyotsna Thakur, **Manda Mhatre (2015)** Bioaccumulation of Heavy Metals in Tilapia Mossambicus Fish from Industrially Polluted Patalganga River, India, International Journal of Advanced Research, Vol-2, Page No. 486-490
11. Jyotsna Thakur, **Manda Mhatre (2015)** Potential Health Risk due to the Bioaccumulation of Heavy Metals in the Fish found in Dharamtar Creek, India International Journal of Engineering Technology Science and Research, Vol-7, Page No. 13- 18
12. Jyotsna Thakur, **Manda Mhatre (2015)**, Assessment of Potential Dietary Toxicity of Heavy Metals in Tilapia Mossambica in the Industrially Polluted Area of M.I.D.C. Taloja, India International Journal of Engineering Technology, Management and Applied Sciences, Vol-7, Page No. 85-90

4. Papers/ poster presented and published in conferences /seminars

1. Bioaccumulation of heavy metals in the fish found in Gadhi River, Panvel, India (2016): Two Days National Seminar on Environmental hazards and problems: Issues and Solutions organised by C.K.Thakur A.C.S.College, New Panvel, dated 28th and 29th March 2016.
2. Bioaccumulation of Heavy Metals in Tilapia mossambica found in Gadhi river , Panvel , India(2012): UGC Sponsored Two Days State level seminar on Recent trends in impactof environmental pollution on Biodiversity and Human health organized by Dept. of Zoology Veer Wajekar A.S.C. College ,Phunde ,Tal-Uran,Raigad dated 6th -7th /01/2012.
3. Effect of anticancer drug Etoposide (VP-16) on male reproductive organs of male white rat (2011): UGC Sponsored International Symposium on current trends in Endocrine and Reproductive Health., Mysore University, Feb.2011.



4. Effect of Gossypol on male rats (Albino Wistar) Body Weight, Epididymis weight and ultrastructure of Epididymis (2011) UGC Sponsored International Symposium on current trends in Endocrine and Reproductive Health., Mysore University, Feb.2011.
5. Ultrastructural revelations on the interhaemal membrane of the mega chiropteran Pteropodidae bat *Cynopterus sphinx gangeticus* during different stages of embryonic development (2011) UGC Sponsored International Symposium on current trends in Endocrine and Reproductive Health., Mysore University, Feb.2011.
6. Elaborative electron microscopic studies on the inter haemal membrane of the short nosed fruit bat *Cynopterus sphinx gangeticus* during early and full term stages of pregnancy (2011):UGC Sponsored National conference on Current Trends in Biological Sciences organized by R.K.Talreja College of Arts ,Science and Commerce ,Ulhasnagar 29th -30th Jan.2011.
7. Effect of steroid combinations on the body weight and weight of epididymis in male white rats (Albinowistar) (2010): State level seminar on Recent Trends and Innovations in Zoology, Dec. 2010.
8. Electron microscopic studies on the development of Ineterhemal Membrane of the Vespertilionid bat, *Scotophilus heathii* during early and full-term Stages of pregnancy (2010): State level seminar on Recent Trends and Innovations in Zoology, Dec. 2010.
9. Comparative Fine structure of Lactotrophs in some mammals during late pregnancy (2010): State level seminar on Recent Trends and Innovations in Zoology, Dec. 2010.
10. Ultra-structural Investigations on interhaemal membrane of the microchiropteran vespertilionid bat-*Scotophilus heathii* during varied stages of gestation.2009:
11. National symposium on comparative endocrinology and reproductive physiology:current advances, Institute of Science, Mumbai.Dec.2009.



5. Minor Research Project Completed:

Title of the project	Date of sanction	Duration	Grant received	Funding agency
Effect of anticancer drug on male reproductive organs of male white rat	07/10/2010 (File No. :47-1498/10(WRO))	2years	95,000.	UGC
Bioaccumulation of Heavy Metals in Tilapia Mossambicus fish from Industrially Polluted Patalganga River	March 2013	2 years	1,20,000	UGC

6. Membership:

- Indian Chiropterological society of India.
- Indian Women Scientist Association.
- Indian Science Congress.
- SRBC India

7. Academic Staff College Orientation/Refresher courses attended:

Name of the Course	Place	Duration	Sponsoring Agency
Orientation Course	UGC Academic Staff College, University of Mumbai.	03/05/2004 to 29/05/2004	UGC
Refresher Course	Dept. of Environment Science, University of Pune, Pune	01/03/2013 to 21/03/2013	UGC
Refresher Course	Academic Staff College, University of Mumbai	30/05/2016 to 18/06/2016	UGC
Short Term Course in Teaching Learning and Evaluation	UGC HRDC, Dr. Babasaheb Ambedkar Marathwada University (India)	01/06/2015 to 06/06/2015	UGC
Global Skills Enhancement Programme	Infosys, Pune	28/04/2008 to 11/05/2008	Infosys-Pune



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8. Participation in conferences, symposia, seminars and workshops:

Level	Presented paper
International	07
National	06
State	03

9. Conferences, symposia, seminars and workshops organized as convener/co-convener:

Level	Convener
National	01
State	02

10. Experience on the various committees at the college

- Chairperson –Board of Studies in Zoology
- Chairperson- Students council and welfare
- Member- College Development Committee
- Member – Unfair Means Committee
- Member – Students Grievance Redressal Cell