



॥ 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

RESEARCH PROFILE OF THE DEPARTMENT

Dr. Manda A. Mhatre

PATENT PUBLISHED:

SR. NO.	NAME	DESIGN NUMBER	DATE
1.	ADVANCED CHAMBER TO MONITOR FISH HEALTH	383700-001	12/04/2023
2.	DEVICE FOR MARINE SPONGE BACTERIA ENZYME EXTRACTION	400996-001	30/11/2023



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RESEARCH PUBLICATIONS

Dr. Manda Anil Mhatre

1. **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.
2. **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.
3. Surendra Prasad, **Manda Anil Mhatre** and Khan Laiqur Rehman Moiz (2024). Ecological Role of Birds. *The Agriculture Magazine* Volume-3, Issue-9, 509-512.
4. **Manda Anil Mhatre** (2024) Role of Mangroves as Fishery Resource: A Systematic Review Uttar Pradesh Journal of Zoology, 45 (16). pp. 35-41.
5. **Manda Anil Mhatre** (2024) Understanding Key Stressors for Marine and Coastal Biodiversity Loss: An Overview. *Uttar Pradesh Journal of Zoology*, 45(15), 330–336.
6. **Manda Anil Mhatre** (2024) Shorebirds: Threats and Strategies for Conservation *Uttar Pradesh Journal of Zoology*, Volume 45, Issue 17, Page 175-186, 2025
7. **Manda Anil Mhatre**, Vinda Manjramkar and Surendra Prasad (2024) Rice Yellow Stem Borer: An Overview, *Agriculture Magazine* ISSN:2583-1755
8. **Manda Anil Mhatre**, Vinda Manjramkar and Surendra Prasad (2024). Rice grain Discolorations Disease: An Overview, *The Agriculture Magazine* ISSN :2583-1755 Vol.03 issue :06-page no.448-451



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Dr. Yojana S. Muniv

1. Prabhakar R. Pawar, **Yojana S. Muniv** & Santosh P. Supanekar (2020). Impact of anthropogenic activities on wildlife mortality around Panvel, Navi Mumbai, West coast of India. *Journal of Research and Development*. Vol. 10 Issue 7, 163-172
2. **Y. S. Muniv**, S. P. Supanekar and A. M. Khan (2020). Biochemical studies on fresh water bivalves exposed to the mercury chloride. *Asian Journal of Advances in Research*. Vol. 4 Issue 2, 11-17.
3. 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.
4. 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.
5. Supanekar Santosh P. and **Muniv Yojana S.** (2022). Sustainable Management of Pesticides. *International Journal of Zoological Investigations*. Vol. 8, No. 2, 827-836.
6. **Muniv Yojana S.** (2022). Toxicological Classification of Agricultural Pesticides - An Overview. *International Journal of Zoological Investigations*. Vol. 8, No. 2, 795-804.
7. Santosh P. Supanekar and **Yojana S. Muniv** (2024). Deforestation of Mangrove Ecosystem and Livelihoods of the Coastal Communities: A Comprehensive Review. *International Journal of Zoological Investigations* Vol. 10, No. 1, 775-782.
8. **Yojana S. Muniv** and Santosh P. Supanekar (2024). Microplastics: Classification, Sources, Characterisation, Fate, and Control Measures. *Uttar Pradesh Journal of Zoology* Volume 45, Issue 5, Page 136-144, 2024; Article no. UPJOZ.3283 ISSN: 0256-971X (P).
9. **Yojana S. Muniv** (2024). Impact of Marine Pollution on Human Health and Well-being. *International Journal of Zoological Investigations* Vol. 10, No. 1, 855-862 (2024).



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Ms. Shruti Ravindra Hiremath

1. 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.
2. **Shruti R. Hiremath** (2023). Scope of artificial intelligence in Indian education. *Urban India*. Volume 43, Issue (2) (II), 284-288.
3. **Shruti Hiremath**, Jayshree Kamble and Pallavi Palande (2024). Rodents: Pest of Store Grain and their Management. *The Agriculture Magazine*. Volume-3, Issue-9, 601-605.
4. **Shruti R. Hiremath**, Khan Laiqur Rehman Moiz and Anjali L. Yadav (2024). Insect Cell Culture: An Insight. *The Agriculture Magazine*. Volume-3, Issue-12, 354-357.



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Mr. L. Q. Rehman Khan

1. Surendra Prasad, Manda Anil Mhatre and **Khan Laiqur Rehman Moiz** (2024). Ecological Role of Birds. *The Agriculture Magazine* Volume-3, Issue-9, 509-512.
2. **Khan L. Q. Rehman** and Vinda Manjramkar (2024). Seasonal variation of zooplanktonic community structure in Nilje lake, Dombivli. *J. Exp. Zool. India Vol. 27, No. 2*, 1989-1994.
3. Shruti R. Hiremath, **Khan Laiqur Rehman Moiz** and Anjali L. Yadav (2024). Insect Cell Culture: An Insight. *The Agriculture Magazine*. Volume-3, Issue-12, 354-357.



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Mrs. Jayshree Shitalkumar Kamble

1. Shruti Hiremath, **Jayshree Kamble** and Pallavi Palande (2024). Rodents: Pest of Store Grain and their Management. *The Agriculture Magazine* Volume-3, Issue-9, 601-605.
2. **Jayshree Kamble**, Pooja M. and Ajay Baldaniya (2024). Bemisia tabaci (Gennadius): A Polyphagous Vector, *The Agriculture Magazine* Volume-3, Issue-12, 350-353.
3. Rai Dharendra Prasad, Neeraj R. Prasad, Rai Surendra Prasad, Nirmala Prasad, Saurabh R. Prasad, Manju Shrivastav, Meera Gour, Vasant B. Kale, Zhanhu Guo, C. B. Desai, G. M. Nazeruddin, Y. I. Shaikh, Suneera Banga, Prakash Sane, Mamata Saxena and **Jayshree Kamble** (2024). A Review on Nanotechnology from Prehistoric to Modern Age, *ES General*. 1-22.