



॥ 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. Yojana Sidram Muniv
Name of the Department	:	Zoology
Educational Qualifications	:	M.Sc. Ph.D.
Present Position	:	Assistant Professor
Address for Correspondence	:	A 304, Neelsidhi Regalia, Plot Number 22, Sector 11, Khanda Colony, New Panvel.
E-mail	:	yojanam281@gmail.com
Contact Number	:	9689914770
Specialization	:	Entomology
Total teaching experience	:	15 yrs
Courses taught	:	F.Y.B.Sc., S.Y.B.Sc., T.Y.B.Sc.
Research experience	:	6 yrs

2. Publication of Research Papers:

UGC listed journals	:	9
Peer reviewed journals	:	14
Non-peer reviewed journals	:	1
Conference proceedings	:	2



3. List of Publication of Research Papers:

1. **Y. S. Muniv**, J. A. Chavan, N. T. Pawar, S. R. Aland and G. P. Bhawane (2010). Characteristics of midgut amylase in *Bombyx mori* L. Comparative analysis in multivoltine races, PM and Kolar gold, *Uttar Pradesh Journal of Zoology*, 30(3): 325-329.
2. Varsha Kumbhar, Sunil Gaikwad, **Yojana Muniv** and Ganesh Bhawane (2010). Midgut amylase activity in *Antheraea proylei* J., *Geobios*, 37: 37-40.
3. **Muniv Y. S.**, Pawar N. T., Gaikwad S. M. and Bhawane G. P. (2011). Characteristics of midgut invertase in *Bombyx mori* L.: A comparative study in multivoltine races, Pure Mysore and Kolar Gold. *Journal of Science Information*, 2: 94-97.
4. S. M. Gaikwad, **Y. S. Muniv**, J. A. Chavan and G. P. Bhawane (2011). Population density and natural enemies of *Papilio polytes polytes* L. (Lepidoptera: Papilionidae). *Biological Forum- An International Journal* 3(1):41-43.
5. **Y. S. Muniv**, S. M. Gaikwad, J. A. Chavan, V. J. Kumbhar and G. P. Bhawane (2011). Characteristics of midgut amylase in *Bombyx mori* L.: A Comparative analysis in multivoltine races, Nistari And Kolar Gold, *Bulletin of, Indian Academy of Sericulture* 15(1): 15-20.
6. **Muniv Yojana**, Pawar Nirmala, Gaikwad Sunil and Bhawane Ganesh (2012). Characteristics of midgut invertase in *Bombyx mori* L. A comparative analysis in multivoltine races, Nistari and Kolar Gold. *Bionano Frontier* 5(1): 134-136.
7. **Y. S. Muniv** and G. P. Bhawane (2012). Comparative study on the Characteristics of midgut Protease in different multivoltine races of silkworm, *Bombyx mori* L. *Biological Forum- An International Journal*. 4(1):75-78.
8. N.T. Pawar, **Y.S. Muniv**, G.P. Bhawane and A.A. Kanase (2012). Comparison of midgut Trehalase characteristics in bivoltine and multivoltine *Bombyx mori* L. *Biological Forum - An International Journal*, 4(1): 82-84.
9. N. T. Pawar, **Y. S. Muniv**, S. J. Patil, G. P. Bhawane and A. A. Kanase (2012). Comparative study of protease characterization in bivoltine races of *Bombyx mori* L. *Geobios*, 39(2-3): 113- 116.
10. J. A. Chavan, Y. J. Koli, **Y. S. Muniv**, N. T. Pawar and G. P. Bhawane (Jan-June 2013). Effect on the cocoon character of *Baeuveria bassiana* infection and subsequent treatment of ethanolic plant extract of 5th instar larvae of *Bombyx mori* L.) *Trajectory* 21(1): 45-52.



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11. Chavan, J. A., Koli, Y. J., **Muniv, Y. S.** and Bhawane, G. P. (2014). Efficacy of *Beauveria bassiana* on some organs of silkworm *Bombyx mori* L. (Race- PM)- Histological preparations. *Flora & Fauna* 20(2) (Special issue): 135-138.
12. **Muniv, Y. S.** and Bhawane G. P. (2015). Life cycle and cocoon character s of *Bombyx mori* L.: A comparative study in multivoltine races. *Proceedings of National Conference on Recent Trends in Life Sciences*. 150-157.
13. **Muniv, Y. S.** and Bhawane G. P. (2015). Neuroendocrine control of ovarian maturation in *Bombyx mori* L. *Bionano Frontier*. 8(3): 148-153
14. **Muniv, Y. S.** and Bhawane G. P. (2016). Prothoracic gland in different races of *Bombyx mori* L. *Proceeding of National Conference on Biodiversity, Climatic change and Sustainable Development*. 15-22.
15. **Y. S. Muniv** and G. P. Bhawane (2016). Mandibular gland in different races of *Bombyx mori* L. *Research Frontier in Sciences*.267-275.
16. **Y. S. Muniv** and G. P. Bhawane (2016). Haemocyte count in silkworm *Bombyx mori* L.: A comparative study in different multivoltine races. *Asian Journal of Science and Technology*, Vol. 08, Issue 01, 4197-4208.
17. **Y. S. Muniv** and G. P. Bhawane (2017). Histomorphology of neuroendocrine system in different multivoltine races of *Bombyx mori* L. *International Journal of Research in Engineering and Applied Sciences (IJREAS)*. Vol. 7 Issue 8, 21-38.
18. 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
19. **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.
20. 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.



21. 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.
22. Supanekar Santosh P. and **Muniv Yojana S.** (2022). Sustainable Management of Pesticides. *International Journal of Zoological Investigations*. Vol. 8, No. 2, 827-836.
23. **Muniv Yojana S.** (2022). Toxicological Classification of Agricultural Pesticides - An Overview. *International Journal of Zoological Investigations*. Vol. 8, No. 2, 795-804.
24. 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.
25. **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).
26. **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).

4. Academic Staff College Orientation/Refresher courses attended:

Name of the Course	Place	Duration	Sponsoring Agency
Orientation Course	IISER, Pune	1 st to 26 th May 2018	MHRD's PMMMNMTT
Refresher Course	V. G. Vaze College of arts, Science and Commerce, Mulund	13 th to 25 th January 2020	RUSA
	Online	25 April to 09 May, 2022	MHRD's PMMMNMTT
Faculty Development Program	Online platform	20 th April to 6 th May 2020	MHRD's PMMMNMTT
	Online platform	2 nd July to 17 th July 2020	MHRD's PMMMNMTT
	Online platform	2 nd to 14 th June 2020	MHRD's PMMMNMTT



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5. Experience on the various committees at the college

- NSS Program Officer
- Member-Board of Studies in Zoology
- Member- Library Committee
- Member- Criteria I