



## 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 Designation	:	Assistant Professor
Address for Correspondence	:	A 304, Neelsidhi Regalia, Plot Number 22, Sector 11, Khanda Colony, New Panvel.
E-mail	:	yojanamuniv@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
Number of students registered for Ph.D. degree	:	-
Number of students awarded Ph.D. degree	:	-
Number of students registered for P.G degree by research	:	-
Number of students awarded P.G degree by research	:	-

### 2. Publication of Research Papers:

Peer reviewed journals	:	<b>23</b>
Non-peer reviewed journals	:	<b>1</b>
Conference proceedings	:	<b>2</b>

### 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.

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 characteristics of *Bombyx mori* L.: A comparative study in multivoltine races. *Proceedings of Natural 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).

### 3. Books Authored

International Publisher	:	-
National Publisher	:	-
Chapters in Edited Books	:	-

### 4. Minor Research Project Completed:

Title of the project	Date of sanction	Duration	Grant received	Funding agency
-	-	-	-	-

### Patents:

Status	Number/s
Granted	-
Published	-
Filled	-

### List of patents:

Sr. No.	Patent Name	Title of Invention	Patent Number	Date & Year of Publication	Date & Year of Grant of Patent
01	-	-	-	-	-

**5. Membership/s: Nil**

**6. Faculty Development programmes like Orientation/Refresher courses/ Short term courses etc. attended:**

Name of the Course	Place	Duration	Sponsoring Agency
Orientation Course	IISER, Pune	1 <sup>st</sup> to 26 <sup>th</sup> May 2018	MHRD's PMMMNMTT
Refresher Course	V. G. Vaze College of arts, Science and Commerce, Mulund	13 <sup>th</sup> to 25 <sup>th</sup> January 2020	RUSA
Faculty Development Program	Online	25 April to 09 May, 2022	MHRD's PMMMNMTT
	Online platform	20 <sup>th</sup> April to 6 <sup>th</sup> May 2020	MHRD's PMMMNMTT
	Online platform	2 <sup>nd</sup> July to 17 <sup>th</sup> July 2020	MHRD's PMMMNMTT
	Online platform	2 <sup>nd</sup> June to 14 <sup>th</sup> June 2020	MHRD's PMMMNMTT
Refresher Course in "ZOOLOGY"	Online platform	25 April to 09 May, 2022	MHRD's PMMMNMTT
Refresher Course in Life Science	Online platform	7 <sup>th</sup> July 2025 to 19 <sup>th</sup> July 2025	MMTCC

**7. Participation in conferences, symposia, seminars and workshops:**

Level	Presented paper	Only attended
International	03	-
National	14	11
State	02	-
University	-	07

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

Level	Convener	Co-convener
National	-	-
College	-	-

**9. Experience on the various committees at the college**

- Chairperson, Science Association
- Member-Board of Studies in Zoology
- Member- Library Committee
- Member- SC-ST Cell
- Member- Criteria XII
- NSS Programme Officer (From AY 2018 to 2024)

**10. Experience on the NAAC/ IQAC of the college**

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**11. Experience on the Various Committees at the University of Mumbai / Government**

**12. Awards/recognitions received:**

Level	Title	Year	Awarding agency
University	-	-	-
State	-	-	-
National	-	-	-
International	-	-	-