

**VidyaBharatiMahavidyalaya,CampAmravati**

**Departmentof Zoology**

**FACULTY PROFILE**



1. Name of Teacher: **Dr. Yogesh D. Akhare**
2. Designation: **Associate Professor**
3. Educational Qualifications: **M.Sc. Ph.D.**
4. Date of Appointment: **1 July 2009**
5. Experience in Years: **15Years**
6. Corresponding Address, Email and Contact no.: **96, Nagarjun Colony, Near Tapovan gate, Amravati. [vdakhare.2007@gmail.com](mailto:vdakhare.2007@gmail.com), M.No. 9922515171**
7. Area of Research Interest: **Toxicology and Animal Physiology**
8. Research Experience: **17 Years**

9. Research Projects Completed/Ongoing:

S. No.	NameofResearch Project	Name of Funding Agency	Fund Sanctioned	Duration
1	Effect of different climates and diets on protein profile in <i>Drosophila melanogaster</i> , U.G.C. WRO Pune Oct.2010-2012.Completed	UGC	1,10,000/-	Oct. 2010-2012
2.	Major Research Project “Nucleic acid derived indices &protein profiles of major carps in different seasons in water reservoirs around Amravati City “as a co investigator, UGC New Delhi, Completed	UGC	9,70,000/-	2011-2013

10. Number of students for Ph.D. Degree:

S. No	Name of Student	Title of the Thesis	University	Status (Awarded/ Working/ Enrolled)	Registration Year
1	Ms. Droupadi Dhage	Toxicity assesment on some	SGBAU Amt. Uni.	Working	2020

		Haematological, Biochemical and Histopathological Alteration of Biogenic Metal (Ag, Cu and Zn) Nanoparticles Exposed to freshwater fish <i>Catla catla</i> .	Amravati		
2	Mr. Harshad Pathrikar	Comparative study of Physiochemical properties of honey with reference to <i>Apis dorsata</i> , <i>Apis cereana</i> , <i>Apis indica</i> , <i>Apis mellifera</i> , <i>Apis Florea</i> in the Melghat region Maharashtra	SGBAU Amt. Uni. Amravati	Working	2021
3	Ku. Shraddha Sharma	Some Haematological, Biochemical, and Histological Alteration in Freshwater fish <i>Labeo rohita</i> After Exposure to Medicinal Herb <i>Mentha pepirita</i>	SGBAU Amt. Uni. Amravati	Working	2022
4	Ku. Shruti Kurhekar	Effect of <i>Ocimum sanctum</i> on growth Parameters of <i>Labeo rohita</i>	SGBAU Amt. Uni. Amravati	Working	2022

## 11. Publications:

### A. In Journals

S.N	Name of the Author	Title of the paper	Name of the Journal with ISSN/ISBN, Volume and Year	Impact Factor, if any	Peer reviewed or Not	Refereed or Not
1	Y. D. Akhare & S. R. Akarte	The Drinking Water Quality Characteristics From Different Domestic Places in Amravati City, Maharashtra,	Ecology and Environment, 27(1A), 364-366, 2009.		Peer reviewed	Refereed
2	Y. D. Akhare & S. R. Akarte	Effect of Endosulfan on Blood Glucose & Cholesterol of Garden Lizard, <i>Calotes versicolor</i>	Journal of Comparative Toxicology & Physiology; Vol.4(I-IV), 106-108, 2007.		Peer reviewed	Refereed
3	Y. D. Akhare & S. R. Akarte	Evaluation of Nutritive Value of Vermi compost Alone and in Combination With Other Chemical Fertilizers;	Journal of Comparative Toxicology & Physiology Vol.3(I-IV), 130-133, 2006.		Peer reviewed	Refereed
4	Y. D. Akhare & S. R. Akarte	Effect of Neem product azadirachtin on body size and organ weight of albino rat, <i>Rattus norvegicus</i> ,	Vidarbha Journal of Science, Vol.3, No.2, 2008.		Peer reviewed	Refereed
5	Y.D. Akhare & S.R. Akarte	Temperature induced alteration of wing blade and venation in <i>Drosophila melanogaster</i>	Journal of cytology and Genetics, vol.10, NS(2)47-52, 2009		Peer reviewed	Refereed
6	Y. D. Akhare & S. R. Akarte	Comparative study of polytene chromosome in different dipterian larvae,	Flora & Fauna Vol. 15. No.2 343-346, 2009.		Peer reviewed	Refereed
7	Y.D. Akhare & S. R. Akarte	The Phenotypic Variation in the Body Size of <i>Drosophila melanogaster</i> of Different Temperature & Diet,	Journal of Current Sciences Vol.2, 364-369, 2010.		Peer reviewed	Refereed
8	Y.D. Akhare	Haematological changes in albino rat <i>Rattus norvegicus</i> after administration of various	Journal of Ecobiology, Vol. 27 No.2 151-158, 2010.		Peer reviewed	Refereed

		concentration of azadirachtin,				
9	Y.D. Akhare & S.R. Akarte	Toxicological effect of inhaled mosquito coil smoke on the trachea and lung: A histological study,	Trends in life sciences vol.26(1),25-30,2011.		Peer reviewed	Refereed
10	Y.D. Akhare	Effect of azadirachtin on total protein concentration of selected organs of albino rat, <i>Rattus norvegicus</i> .	Journal of Ecobiology vol.31(3),109-116,2012.		Peer reviewed	Refereed
11	Y.D. Akhare	Effect of Azadirachtin on the phenotype of different developmental stages of <i>Drosophila melanogaster</i>	Scienc park International Journal	2.10	Peer reviewed	Refereed
12	Y. D. Akhare	Effect of Colchicine on polytene chromosome of <i>Drosophila melanogaster</i> at Different temperatures and Diets	National Conference on Advances in Life Sciences: Present and Future 174-179		Peer reviewed	Refereed
13	Y. D. Akhare	Effect of Azadirachtin on the phenotype of different developmental stages of <i>Drosophila melanogaster</i>	Science park International Journal Vol.3 No.34 1-6		Peer reviewed	Refereed
14	Y. D. Akhare	Effect of azadirachtin on some fertility aspects of female albino rat <i>Rattus norvegicus</i>	Proceeding of UGC Sponsored National Conference of Recent Trend in Conservation of Biodiversity Vol. 5 No. 4		Peer reviewed	Refereed
15	Y. D. Akhare	Effect <i>Aloe vera</i> leaf extract on the developmental stages	Research Journey ISSN No.2348-7143 2019		Peer reviewed	Refereed
16	Dr. Y. D. Akhare, Mohd. Khadim, H. A. Patharikar	Variability of Nocturnal Insects In Sant Gadge Baba Amravati University Campus, Amravati	International Journal of Scientific Research in Science and Technology Print ISSN: 2395-6011 Volume 8, Issue 5 Page Number : 157-193		(www.ijrsr.com) doi : <a href="https://doi.org/10.32628/IJSRST218527">https://doi.org/10.32628/IJSRST218527</a>	Refereed
17	Y. D. Akhare H. A. Patharikar	The Phenotypic Effect of Cardamom oil on the Developmental Stages of <i>Drosophila melanogaster</i>	International Journal of Scientific Research in Science and Technology Print ISSN: 2395-6011   Online ISSN: 2395-602X Volume 8, Issue 5 Page Number : 225-231 2021		www.ijrsr.com) doi : <a href="https://doi.org/10.32628/IJSRST218534">https://doi.org/10.32628/IJSRST218534</a>	Refereed
18	Y. D. Akhare <sup>1</sup> , H. A. Patharikar <sup>2</sup>	Effect of Ocimum sanctum Extract on Developmental Stages of <i>Drosophila melanogaster</i> .	International Journal of All Research Education and Scientific Methods (IJARESM), <a href="http://www.ijaresm.com">www.ijaresm.com</a> ISSN: 2455-6211 Volume 9, Issue 10, 2021		Volume 9, Issue 10,	Refereed
19	Y. D. Akhare, H. A. Patharikar, P. R. Kumare	<i>Effect of Neem Extract on the Developmental Stages of Drosophila Melanogaster.</i>	International Journal of All Research Education and Scientific Methods (IJARESM),		Volume 8, Issue 12, 1523-1526 2020	Refereed

			<a href="http://www.ijaresm.com">www.ijaresm.com</a> Volume 8, Issue 12, 1523-1526 2020			
20	Akhare Y. D., Shraddha Sharma	Effect of <i>Terminalia arjuna</i> Bark extract on Streptozotocin-Induced Diabetic Rats.	International Journal of Current Science Research and Review ISSN: 2581-8341 2022		Volume 05 Issue 04 PP:1044-1048	Refereed
21	Akhare Y. D.	Biochemical Composition of fish <i>Labeo rohita</i> and <i>Anguilla anguilla</i> eggs from local water reservoirs around Amravati City, Maharashtra	International Journal of Multidisciplinary Educational Research ISSN 2277-7881 2022		Volume 11 Issue 3(1) PP:53-55	Refereed
22	H. A. Patharikar, Dr. Y. D. Akhare	A Comparative Quality Evaluation of Honey made by <i>A. dorsata</i> and <i>A. cerenaindica</i> from the Melghat Region of Maharashtra.	Multidisciplinary Research Methodology in Humanities, Languages & Literature, Commerce & Management Science, Science & Technology ISBN- 978-93-90005-44-4		2023	Refereed
23	H.A.Pathrikar & Dr. Y. D. Akhare	A Comparative quality evaluation of honey made by <i>A. dorsata</i> and <i>A. cerena indica</i> from the Melghat region of Maharashtra	International Journal of Food and Nutritional Sciences ISSN Print 2319 1775 ISSN Online 2320 7876. 2023		2023	Refereed
24	Y. D. Akhare & Shrutika S. Kurhekar	Effect of extract of <i>Embllica officinalis</i> on development stages of <i>Drosophila melagaster</i>	International Journal of Science and Research ISSN: 2319-7064 SJIF: 7.942 DOI-10.21275/SR2242514480 1. 2022		2022	Refereed
25	Y. D. Akhare	Deep Learning for Automated Detection of Cancerous Cells in Medical Imaging	African Journal of Biological Sciences Volume 6, Issue 7, 2024 ISSN: 2663-2187 doi:10.48047/AFJBS.6.7.2024. P.P. 2283- 2303		2024	Refereed
26	Y. D. Akhare	Bioinformatics Applications of Artificial Intelligence in Genomics and Proteomics	African Journal of Biological Sciences Volume 6, Issue 7, 2024 ISSN: 2663-2187 doi:10.48047/AFJBS.6.7.2024. P.P.2262- 2282		2024	Refereed
27	Dr. Y. D. Akhare	Growth Response of Juvenile Rohu ( <i>Labeo rohita</i> ) Exposed to Varying Amounts of Peppermint diet with Protein	Gujrat Agricultural Universities Research Journal (UGC Care) ISSN:-0250-5193 2024		2024	
28	Dr. Y. D. Akhare	Deep Learning-Based Diagnostic Models for Early Detection of	Frontiers in Health Informatics (Scopus		2024	

		Alzheimer's Disease Using MRI and Genetic Data	Indexing) ISSN:-2676-7104 2024			
29	Dr. Y. D. Akhare	Hydrilla Sp.- Freshwater Thymes, As Novel Nano Factories for Metal Nanoparticles	International Journal of Scientific Research in Science and Technology ISSN:- 2395-6011 2024		2024	

### B. In Proceeding of Conferences/Seminars:

Sr. No.	Name of Author and Co-author	Title of the paper and page numbers	Name and venue of Conference	ISSN/ISBN No.
1	Y.D.Akhare	Effect of Arsenic on Haematological parameters of <i>Channa punctatus</i> Souvenirpp 204-205,	96th Indian ScienceCongress 2009, National Conference held at Shilong on 3rd to 7th Jan.2009.	
2	R. Mahajan Y.D. Akhare	Effect of Colchicine on polytene chromosome of <i>Drosophila melanogaster</i> at Different temperatures and Diets	National Conference on Advances in Life Sciences: Present and Future VidyaBharati Mahavidyalaya, Amravati	
3	Akhare Y.D.	Exploring the Green Synthesis and Characterization of Zinc Oxide Nanoparticles by Fresh water Hydrilla spp	UGC Sponsored National Conference on Recent Advancements in Science and Technology	ISBN : 978-81-19931-25-5
4	Y. D. Akhare and Shrutika S. Kurhekar	Evaluation of the growth and survival of fingerlings of the freshwater fish <i>Labeo rohita</i> after feeding them with extract of <i>Ocimum sanctum</i> .	UGC Sponsored National Conference on Recent Advancements in Science and Technology	ISBN : 978-81-19931-25-5
5	Y. D. Akhare and Shraddha Sharma	Impact of soymeal on gut morphology of freshwater fish <i>Labeorohita</i> .Conference on Recent Advancements in Science & Technology	UGC Sponsored National Conference on Recent Advancements in Science and Technology	ISBN : 978-81-19931-25-5
6	Y.D. Akhare S. N. Sheikh., , S. G. Sethmanik, A. N. Khan, S. S. Fatema. and Z. J. Khan	Comparative study of diseases of silkworms due to fungus growthand their treatments. Conference on Recent Advancements in Science & Technology	UGC Sponsored National Conference on Recent Advancements in Science and Technology	ISBN : 978-81-19931-25-5
7	Y. D. Akhare & H. A. Patharikar	Exploring the TherapeuticPotential: A Comprehensive Examination of the Health Benefits Attributed to Honey Review. Conference on Recent Advancements in Science & Technology	UGC Sponsored National Conference on Recent Advancements in Science and Technology	ISBN : 978-81-19931-25-5

### C. In Books

Sr. No.	Title of the Book, Editor & Publisher	ISBN No.	Name of Co-authors
1.	Animal Ecology, Chandralok Publication, Kanpur		Dr. N. R. Thorat

2.	Vertebrates structure and functions	978-93-95021-37-1	-----
3.	Animal Physiology and Endocrinology	978-93-93561-28-2	Dr. N. R. Thorat, Dr. S. H. Rathod
4.	Tools and Techniques in Biology	978-81-951921-2-0	Dr. N.R. Thorat, Dr. S. H. Rathod
5.	A Text Book of Fish Biology Vol. 1	978-93-95021-62-3	----
6.	A Text Book of Fish Biology Vol. 2	978-93-95021-62-4	----
7.	Modern Text Book of Zoology (Vertebrates)	978-93-95021-58-6	----
8.	Invertebrate Zoology-A Functional Evolutionary Approach	978-93-95021-68-5	----

## 12. Organization of various academic events:

S.No.	Name of the event	Level (International, National, State, University, Local or Institutional)	Duration and Venue
1	Arranged one day short educational visit to fish culture center at Mahan Dist. Akola on dated 03/09/2016 for the B.Sc. students to make them aware about balance of ecosystem and generation of self-employment.	Institutional	One Day Mahan Dist. Akola
2	Organized one day short educational tour for the post graduate students(members) of zoology at Narnala Fort District Akola on dated 25/09/2016.	Institutional	One Day Narnala Fort District Akola
3	Arranged one day short educational visit to fish culture centre at Morshi Dist. Amravati on dated 24/08/2017	Institutional	One Day Morshi
4	Visited to "Nisarg Paryatan Kendra" Morshi Dist. Amravati	Institutional	One Day Morshi
5	Organized one day short educational tour for the post graduate students (members) of zoology at Chikhaldara District Amravati on dated 24/09/2017.	Institutional	One Day Chikhaldara
6.	Organised State Level Workshop on Rain Water Harvesting on 28 <sup>th</sup> July 2018	State	One Day VBMV Campus
7	Visit to Apiculture Centre, Science, Arts, Commerce College, Chikhaldara	Institutional	Short Study Tour at Chikhaldara One day
8	Visit to museum of spider, Zoological museum at SGBAU Amravati University, Amravati for Observation of Diversity of Spiders from specimens 11/08/2018	Institutional	Visit to Dept. of Zoology, SGB Amravati University, Amravati

## 13. Participation in various academic events:

S.No.	Name of the event	Level (International, National, State, University, Local or Institutional)	Duration and Venue

1	Refresher Course in Natural & Bio.Science	National	29-03-2017 to 18-04-2017 UGC-HRDC, Goa University
2	International conference on Recent Trends in Biodiversity and Biotechnology. (RTBB-2007), Aurangabad, November 15-17/2007.	International	(RTBB-2007), Aurangabad, November 15-17/2007.
3	World Congress for Man and Nature “Global Climate Change & Biodiversity Conservation” held at Department of Zoology & Environmental Science, Gurukula Kangri Vishwavidyalaya,	International	Haridwar, Uttarakhand, India, 11th, 12th, and 13th November, 2011.
4	23rd National conference of Indian Society for comparative Animal Physiology on Frontiers In applied Animal Sciences,	National	Kolhapur Oct. 16-18/2006.
5	National conference on “Biotechnology & conservation of Natural Resources”	National	Umarkhed, Jan. 11-12th 2008.
6	National Seminar on “Evaluation of Tribal Folk Knowledge and Biodiversity Conservation organized by Mahatma Fule Arts Commerce & Shitaramji Choudhari Sci. Mahavidyalaya,	National	Warud. 12th Jan. 2009.
7	100th The Indian Science Congress held at Calcutta University,	National	Kolkata from 3-7 January, 2013.
8	National Conference on Advances In Life Sciences: Present and Future, organized by Department of Botany and Zoology, VidyaBharati Mahavidyalaya,	National	Amravati on dated 11th and 12th January, 2013.
9	participated in the Training course on “Collection, Preservation & Identification Techniques of Zoological Specimens” at Central Zone Regional Centre, Zoological Survey of India,	National	Jabalpur 6th to 9th September, 2010.
10	participated in the 11th Vidarbha Pakshimitra Sammelan organized by Dept. of Zoology, S.G.B. Amravati Uni. Amravati, Indian Science Congress Amravati Chapter, Amt. & Wild Life Environment Conservation Society, Amravati has jointly organized	National	Amravati 26-25 April, 2010
11	Attended Conference on “Feminism in Contemporary India” Organised by Pratibha Women’s Studies Center, Vidya Bharati Mahavidyalaya, Amravati.	National	Amravati 30th March, 2012
12	Participation in the UGC Sponsored <b>83rd Orientation Programme</b> at UGC Academic Staff College, Rani Durgavati Vishwavidyalaya, Jabalpur and obtained <b>A grade</b> .	National	Jabalpur 07 May-02 June 2012
13	Participation in the UGC Sponsored <b>Refresher Course Entitled “Teaching Testing and Research in Higher Education”</b> at UGC Academic Staff College, Rani Durgavati Vishwavidyalaya, Jabalpur and obtained <b>A grade</b> .	National	Jabalpur 03 June- 22 June 2013
14	Attended International Conference on English Language & Literature Today, UGC sponsored organized by VidyaBharati College, Amravati	International	Amravati 12-13 November, 2009
15	National Seminar on Revised Accreditation Frame work and Institutional Preparation: An Overview	National	Organised by Internal Quality Assurance Cell, VidyaBharati Mahavidyalaya, Amravati on 9th March, 2019

16	Workshop on Patent Drafting, Filling & Processing	National	Organized by VidyaBharati Mahavidyalaya, Amravati, on Dated 29th November, 2018
17	National Conference on Emerging Trends in Sciences	National	Organised by VidyaBharati Mahavidyalaya, on Dated 1 <sup>st</sup> & 2 <sup>nd</sup> February, 2019
18	Participation in III International Scientific Conference “Current State of Chernozems” II International Youth Scientific School “Monitoring, Protection and Restoration of Soil Ecosystems in Conditions of Anthropogenic Load”	International	Rostov-on-Don September 12-17, 2023
19	Participated in Webinar on Biodiversity and Its Conservation Organised by Zoological Survey of India, Kolkata (WB) & Department of Zoology and Botany Govt. Autonomous P.G. College, Satna in Collaboration with the NASI-Bhopal Chapter.	National	Satna (M.P.) 21 <sup>st</sup> August 2023
20	Participated in National Conference on New Directions in Humanities organized by VidyaBharati Mahavidyalaya, Amravati	National	Amravati 17 Feb. 2023
21	Attended one day workshop on Kitchen Gardening jointly organized by Department of Botany, VidyaBharati Mahavidyalaya, Amravati and Amravati Garden Club, Amravati	National	Amravati 09 Sept. 2023
22	Participated in one day workshop on ‘Voice Care workshop’ organized by VidyaBharati Mahavidyalaya & Maharashtra higher & Technical Education Department	National	Amravati 26 December 2023

14. Participation as resource person/Expert/keynote speaker in various academic events:

S. No.	Name of the event	Level (International, National, State, University, Local or Institutional)	Duration and Venue
1	International Conference on Innovative Multidisciplinary Perspective and Collaborative Transformation in Science and Technology (Expert)	International	27 March 2025

15. Position held(In various administrative bodies)

S.No.	Organizations/Bodies	Position held	Tenure
1.	VidyaBharati Mahavidyalaya, Amravati	Head of Department	01-01-2021



1. Whether selected to visit other Institution in India and abroad.

S. No.	Name of the Laboratories/Institutions /Industries	National/International	Duration

2. Patent/Awards/ recognitions received at the national and international level

S. N.	Name of Inventor	Title of the invention	Date of filing of Application	Publication Date	Application No
1	Yogesh D. Akhare	Bioacoustics monitoring system for wildlife impact assessment.	21/10/2023	08/12/2023	202321072050A

