

**Name of the faculty: Dr. Agnes John Kharat**



<b>Designation</b>	Assistant Professor
<b>Name of the department</b>	Zoology
<b>E-mail</b>	<a href="mailto:agneskharat@gmail.com">agneskharat@gmail.com</a> , <a href="mailto:agneskharatmgv@gmail.com">agneskharatmgv@gmail.com</a>
<b>Qualification</b>	M.Sc. Zoology, (Ph.D.)
<b>Teaching Experience: 12 Years</b>	
<b>Administrative Experience</b> <ol style="list-style-type: none"><li>1. IQAC and NAAC Coordinator (2016-17 to 2021-22)</li><li>2. Head of Zoology Department (2016-17 to 2021-22)</li><li>3. Women Grievance cell Coordinator (2016-17, 2017-18)</li><li>4. Member of Discipline Committee (2016-17 to 2021-22)</li><li>5. Coordinator of Extra Mural Studies (<i>Bahishal Mandal</i>)( 2020-21, 2021-22)</li></ol>	
<b>Awards / Recognitions</b> <ol style="list-style-type: none"><li>1. <b>Recognised Guide of Ph.D.</b> and M.Phil of Savitribai Phule Pune University, Pune.</li><li>2. <b>Adarsha Shikshak</b>” award by <i>Dhammagiri Samajik, Sanskrutik, Shikshanik Sanstha va Purogami Vichar Manch Nashik</i>, 20<sup>th</sup> Feb. 2022</li><li>3. Received <b>Young Achiver Award 2020</b> by Institute of Scholars (InSc), Karnataka.</li><li>4. <b>Best Teacher Award 2020</b>, from Mahatma Gandhi Vidyamandir Trust, Nashik.</li><li>5. Awarded <b>first prize for the Best Paper Presentation</b> (Oral) in the international Symposium on Teaching, Research and Innovative approaches in Life Sciences (TRIALS 2018).</li></ol>	
<b>Research Guidance for M.Phil./Ph.D./Project</b> <ol style="list-style-type: none"><li>1. Guiding 02 students for the Ph.D. degree as a Guide</li><li>1. Guiding many students for M.Sc. Project work</li></ol>	

### Research paper published/presented

1. "Zooplankton Diversity from Nashik Maharashtra", International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS), Jan. 2022, 11(1): 252-258.
2. "Contribution of Wild Vegetables to meet Nutritional Demand of tribal population from Surgana, District Nashik, Maharashtra, India", Flora and Fauna, Vol.27 No 2, Dec. 2021, PP. 179-176.
3. "Eco-friendly commercialization & conservation of butterflies to support rural economy", Insect Environment, Vol. 24, (03) Sep. 2021, PP. 454-460
4. "Effect of Posture on Workplace efficiency along with Health Benefits", Kalyan Bharti, Vol. 36, No. (VII), 2021, PP. 543 – 547.
5. "Women Entrepreneurship in India: Problems and Perspectives", Journal of Research and Development, Vol. 11, Issue 9, April 2021, PP 165-168.
6. "Value Education: Need of Humanity", An International Peer Reviewed Scholarly Research Journal For Interdisciplinary Studies, Vol. 7, Issue 57, Nov-Dec. 2019, pp 9-10
7. "Rogor Induced Histopathological Changes in the gills of fresh water fish *Puntius stigma* from Sukhana river, Aurangabad (M.S)India", International Journal of Global Resources, 5 (02) July 2029 (90-96)
8. "Diversity of Butterflies (Lepidoptera: Rhopalocera) from North Maharashtra", Flora and Fauna, Vol.24, No.1, pp. 167-176, 2018
9. "Patteren of butterfly diversity from Nashik and Dhule Districts, Maharashtra", *Flora and fauna*, Vol. 18 No. 2, 2012 pp 25-30.
10. "Studies on Digestive and Reproductive System of Larval and Adult *Chironomus Circumdatus* From Nashik", *Geobios* 38: 121-124, 2011.
11. "Check list of owlet and under wing moths (lepidoptera: Noctuidae) from Nashik District", Flora and Fauna, Vol. 16, No. 2, 2010, pp. 295-304.
12. "Higher Education System and NAAC Accreditation", ERM Publication 2021
13. "Challenges and Issues of Tribal Education: A Case Study of Surgana Tahasil", ERM Publication 2021
14. "Inclusion in Higher Education System and Role of NAAC" in the proceeding of Two days National Conference on Enhancement in quality of higher Education organized by MGV's Arts, Sci. & Com. College Manmad, Feb. 2020
15. "Insecta: Hymenoptera: Ichneumonidae" *ZSI, Fauna of Maharashtra, State Fauna*

*Series, 20(Part -2): 627-636, 2012.*

16. "Butterflies as flagship species for Invertebrate Conservation- A Review Article"  
*Swayamprakash – Luminescence pp. 27-30, 2011.*
17. "Role of agriculture in increasing gross domestic product in India" in International Conference on Changing Perspective in Environment, Management, Humanities, Sciences and Technology held on 14th and 15th July 2022
18. "Inventory of butterfly host plants diversity from Nashik, Maharashtra" in an International Conference on Biodiversity, Conservation and Role of Molecular Phylogenetics in Plant Systematics-2022, organized by Arts, Science & Commerce College Mokhada,- 401 604 District- Palghar during Friday, 22<sup>nd</sup> April 2022
19. "Eco-friendly Commercialization and Conservation of Butterflies: a Natural way out of Poverty for Farmers" in national Web-Symposium on Recent advances in Beneficial Insects and Natural Resins & Gums, held at ICAR-IINRG, Ranchi during February 25-26, 2021.
20. "Teaching, Research and Innovative approaches in Life Sciences" organized by Shikshan Prasarak Sanstha's Sangamner Nagarpalika Arts, D.J.Malpani Com., & B.N.Sarda Sci. College, Sangamner during 9<sup>th</sup> and 10<sup>th</sup> Feb. 2018.
21. "Environmental Education for Butterfly Conservation to Undergraduate students"  
*Proc. ICBAT, pp. 12-16, 2011.*
22. 'Biodiversity and its Conservation' at Modern College, Pune, during 28<sup>th</sup> – 30<sup>th</sup> January 2011.
23. "Biodiversity of butterflies from Nashik district" in the national seminar on "Conservation of biodiversity in protected areas – opportunities and challenges" held by Zoology department, Christ University on 23<sup>rd</sup> & 24<sup>th</sup> January 2009.

#### **Books published**

1. T.Y.B.Sc. Practical Paper I (ZY 347), Success Publications, ISBN: 978-81-946728-1-4
2. S.Y.B.Sc. Practical Handbook of Zoology, Success Publications, ISBN: 978-81-946728-0-7
3. S.Y.B.Sc. Applied Zoology, Success Publications, ISBN: 978-81-946728-2-1

### **Conferences/Seminars/ Workshop organized / attended**

1. Coordinated a national level webinar on “Intellectual Property Rights (IPR)” organized by MGV’s Arts, Science & Commerce College Surgana on 13<sup>th</sup> Sep.2020.
2. Convenor of a state level seminar on, “Biodiversity: Importance and Conservation”organized by Dept. Of Zoology, MGV’S Arts, Sci., & Com. College, Surgana, 10<sup>th</sup> Jan. 2018.
3. International workshop, “Pollinators and pollination in the changing world” conducted at National Centre for Biological Sciences (NCBS), Bangalore during 25<sup>th</sup> May to 29<sup>th</sup> May 2009, sponsored by UK- India Education and Research Initiative (UKIERI).
4. International workshop, “Linking Biodiversity, Ecosystem Services and Conservation” conducted at National Centre for Biological Sciences (NCBS), Bangalore during 1<sup>st</sup> June to 5<sup>th</sup> June 2009, sponsored by UK- India Education and Research Initiative (UKIERI).
5. National workshop on “Importance of National Assessment and Accreditation ” held on Wednesday 30<sup>th</sup> 2016 at Savitribai Phule Pune University, Pune 411007.
6. Orientation workshop for Avishkar at H.P.T. Arts & R.Y.K. Science College, Nashik on 12<sup>th</sup> August 2008.
7. National workshop on Invertebrate Taxonomy, at Maharaja Sayajirao University of Baroda, Vadodara (Gujarat), India, 18<sup>th</sup> and 19<sup>th</sup> November, 2009.
8. National workshop on ‘Research Skill Development’ organized by Research cell of S.M.R.K. – B.K.A.K. Mahila Mahavidyalaya, Nashik during 25<sup>th</sup> & 26<sup>th</sup> November, 2011.
9. International symposium “3<sup>rd</sup> Asian Lepidoptera Conservation Symposium and training programme” at Coimbatore, during 25<sup>th</sup> to 29<sup>th</sup> October, 2010.
10. International Conference on Biodiversity and Toxicology at Nagarjunanagar, during 12<sup>th</sup> to 14<sup>th</sup> February 2011.
11. International conference on Entomology, organized by Punjabi University, Patiala, during 17<sup>th</sup> – 19<sup>th</sup> February, 2012.
12. National Conference on “Prospective adn Problems of Biological Products in Crops, Animals and Human life”, K.R.T. Arts, B.H.Com., & A.M. Sci. College, Nashik during 2<sup>nd</sup> and 3<sup>rd</sup> Feb. 2018.
13. National Conference, “Recent trends in Nanoscience: Techniques and Applications

for Life Sciences Department of Microbiology”, HPT Arts and RYK Science College, during 19<sup>th</sup> -20<sup>th</sup> Dec 2014.

14. Attended 12 – day training under Prof.S.R.Ramesh, pertaining to Ph.D. Project, at University of Mysore, Mysore during 5<sup>th</sup> – 16<sup>th</sup> December, 2011.
15. State level seminar on “Emerging Trends and Challenges in Life Sciences: A Biotechnological Approach”, MGV’s Arts, Sci., & Com. College, Manmad, During 12<sup>th</sup> and 13<sup>th</sup> Jan. 2018.
16. State level seminar at LVH College, Nashik on 20<sup>th</sup> & 21<sup>st</sup> Jan. 2017.
17. State level workshop on, “NET/SET Examination Guidance” organized by IQAC, G.E.Society’s Arts, Commerce and Science College, Jawhar, Dist. Palghar on 14<sup>th</sup> August, 2015.
18. State level seminar on, ‘Recent trends in Zoology’ organized by MVP’S Arts, Com. and Science college, Satata, Dist. Nashik, during 22<sup>nd</sup> – 23<sup>rd</sup> Jan. 2010.
19. State level seminar on “Advances in Life Science” organized by K.K.Wagh Arts, Commerce & Science College, Pimpalgaon (B), during 5<sup>th</sup> -6<sup>th</sup> February 2008.

#### **Experience as Resource Person**

1. Guest lecture on, “Conservation of Biodiversity” organized by MGV’s MSG Arts, Science & Commerce College Malegaon Camp, Nashik, on 26<sup>th</sup> Sep. 2022.
2. Guest lecture on, “**Biodiversity: Introduction and Conservation**” organized by MGV’s Nutan Vidyamandir Surgana, Nashik on 4<sup>th</sup> July 2022.
3. Guest lecture on, “**Empowerment of Women with Education**” organized by MGV’s Nutan Vidyamandir Surgana, Nashik on 8<sup>th</sup> March 2022.
4. Guest lecture on “**Introduction to Amphibia (Animal Diversity)**” organized by K.K.Wagh Arts, Commerce and Science College Saraswati Nagar, Nashik on 16<sup>th</sup> Oct. 2021.
5. Resource person in **NAAC Sponsored National Seminar** on “AQAR, IIQA & SSR Preparation under Revised Assessment and Accreditation Framework along with challenges and Remedies in Higher Educational Institutions of Tribal Area,” organized by MGV’s Arts, Sci. & Com. College Surgana on 8th and 9th Jan. 2021.
6. Resource person in **Summer Training Course on Advances in Life Sciences**, organized by PG & Research Dept. Of Zoology, Jamal Mohamed College, Tiruchirappalli, Tamilnadu on 16 April 2020.

7. Resource person in **Soft Skill Programme** (Teamwork and Leadership) organized by MGV's Arts Science and Commerce College, Surgana on Feb. 2020.
8. Guest Lecture on Applied Zoology, **Fish Products and By-products**, Fish Processing organized by Department of Zoology, HPT Arts & RYK Science College, Nasik (Maharashtra), India on 15th Jan. 2020
9. Delivered a lecture as a resource person in **NSS Camp (Women Empowerment)** at Malgavhan, Surgana on 19<sup>th</sup> December, 2016

**E-content developed**

You tube channel: <https://www.youtube.com/channel/UCpf80wt6Jp0NBJZV3OII2dA>

**Social Media links**

<b>Research gate</b>	<a href="https://www.researchgate.net/profile/Agnes-Kharat">https://www.researchgate.net/profile/Agnes-Kharat</a>
<b>Google Scholar</b>	<a href="https://scholar.google.com/citations?user=_BU4QRooAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=_BU4QRooAAAAJ&amp;hl=en</a>
<b>Orcid Id</b>	<a href="https://orcid.org/0000-0001-6601-7508">https://orcid.org/0000-0001-6601-7508</a>