

*** Curriculum Vitae ***



1. NAME : DR. SAGAR ANANDRAO VHANALAKAR
2. BIRTH DATE : 15/08/1981
3. DESIGNATION : Associate Professor and Head, Department of Zoology
4. ORGANISATION : Karmaveer Hire Arts, Science, Commerce and Education College,
Gargoti, Taluka – Bhudargad, Dist – Kolhapur, Pin – 416209 (M.S.) India
5. ADDRESS : (Res.) A/P- Nigave Khalasa, Taluka – Karveer, Dist – Kolhapur,
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6. EDUCATIONAL QUALIFICATIONS:

Exam	Board/University	Year of Passing	Percentage	Class Obtained
Ph. D.	Shivaji University, Kolhapur	September – 2010	By Thesis	--
M. Sc.	Shivaji University, Kolhapur	April – 2004	61.58	First
B. Sc.	Shivaji University, Kolhapur	April – 2002	67.80	First
H.S.C.	HSC Board Kolhapur	March – 1999	70.50	First
S.S.C.	SSC Board Kolhapur	March – 1997	72.26	First

7. EXPERIENCE : Teaching 13 year
Research 18 years

8. AREA OF SPECIALISATION:

- Specialization : Fisheries Science and Environmental Biology
- Research : Aquaculture and Fisheries
- Title of Ph.D. thesis : GROWTH RESPONSE OF *Cirrhina mrigala* AND *Cyprinus carpio*
TO PLANTS FORMULATED DIETS AS PROTEIN SOURCE

9. RESEARCH PUBLICATIONS AND RESEARCH PROJECTS : Appendix I
10. CONFERENCE PARTICIPATION : Appendix II
11. OTHER ACTIVITIES AND ASSIGNMENTS : Appendix III

APPENDIX – I

LIST OF PUBLICATIONS:

1. Vhanalakar, S. A., M. D. Kale, S. S. Waghmode and D. V. Muley (2008): Partial replacement of fishmeal by locally available plant proteins for the Indian major carp, *Cirrhina mrigala*. **Journal of Aquatic Biology, Vol. 23 (2): 209 - 212.**
2. Waghmode, S. S., S. A. Vhanalakar, M. D. Kale and D. V. Muley (2008): Concentration of selected heavy metals from the water and sediments of Dabhol creek, west coast, Maharashtra. **Journal of Aquatic Biology, Vol. 23 (2): 159 - 162.**
3. Vhanalakar, S. A. and D. V. Muley (2009): Preliminary evaluation of plant protein sources as a partial substitute for the fishmeal in the diet of common carp, *Cyprinus carpio*. **Proceeding of National Conference on “Biodiversity and Physiology of Aquatic Resources” Aurangabad (Maharashtra, INDIA), October – 2009: 54 - 56.**
4. Vhanalakar, S. A. and D. V. Muley (2010): Evaluation of dried leaf powder of aquatic weed, *Eichhornia crassipes* as a supplementary feed for *Cyprinus carpio* fingerlings. **Indian Research Communication, Vol. 4(1): 69 – 71.**
5. Waghmode, S. S., S. A. Vhanalakar, M. D. Kale and D. V. Muley (2010): Copper, chromium, manganese in water and sediment of Dabhol creek, west coast, Maharashtra. **Indian Research Communication, Vol. 4(1): 77 – 78.**
6. Manjare, S. A., S. A. Vhanalakar and D. V. Muley (2010): Water quality assessment of Vadgaon tank of Kolhapur (Maharashtra), with special reference to zooplankton. **International Journal of Advanced Biotechnology and Research, Vol. 1 (2): 91 – 95.**
7. Manjare, S. A., S. B. Thakar, S. A. Vhanalakar and D. V. Muley (2010): Analysis of water quality using physico-chemical parameters Tamdalge tank in Kolhapur district, Maharashtra. **International Journal of Advanced Biotechnology and Research, Vol. 1 (2): 115 – 119.**
8. Kale, M. D., S. A. Vhanalakar, S. S. Waghmode and D. V. Muley (2010): Sodium Fluoride induced protein alterations in fresh water fish, *Cirrhina mrigala*. **Journal of Aquatic Biology, Vol. 25 (2): 127 - 129.**
9. Kale, M. D., S. A. Vhanalakar, S. S. Waghmode and D. V. Muley (2010): Sodium Fluoride induced protein alterations in fresh water fish, *Labeo rohita*. **Ecology and Fisheries, Vol. 3 (2): 39 – 44.**
10. Manjare, S. A., S. A. Vhanalakar and D. V. Muley (2010): A study on physico-chemical parameters of Laxmiwadi tank in Kolhapur district, Maharashtra. **Ecology and Fisheries, Vol. 3 (2): 99 – 104.**
11. Vhanalakar, S. A. and D. V. Muley (2010): Use of water hyacinth in fish feed. **All About Feed, Vol. 1 (9): 28 – 29.**

12. Vhanalakar, S. A. and D. V. Muley (2010): Heavy metals concentration in water, sediment and some selected species of fishes from Panchganga River, Kolhapur (Maharashtra, India). **Asia Pacific Journal of Life Sciences, Vol. 4 (3): 245 – 249.**
13. Vhanalakar, S. A. and D. V. Muley (2011): Use of plant protein sources as a partial substitute for the fishmeal in the diet of *Cyprinus carpio*. **Proceeding of the National Level Workshop cum Seminar on “Bio-Resources for Bio-Industries and Economic Zoology” Solapur, Maharashtra, INDIA, January – 2011: 16 – 19.**
14. Vhanalakar, S. A. and D. V. Muley (2012): The potential of alfalfa leaf meal as a fish feed. **All About Feed, Vol. 20 (7): 12 – 13.**
15. Vhanalakar, S. A. and S. G. Chavan (2013): Avifaunal Diversity of the Mouni Vidyapeeth Campus, Gargoti, Kolhapur District, Maharashtra (India). **Proceeding of the National Seminar on “Biodiversity and Biotechnology” Ramanandnagar, Maharashtra, India, 132 – 136.**
16. Vhanalakar, S. A. and D. V. Muley (2014): Effect of *Gliricidia maculata* based diets on the growth, feed utilization and biochemical composition of *Cirrhinus mrigala*. **Proceeding of the National Seminar on “Recent Trends in cell biology, biotechnology and bioinformatics” Balwant College, Vita, Maharashtra, India, 65 – 72.**
17. Vhanalakar, S. A. and D. V. Muley (2014): Effect of dietary incorporation of *Gliricidia maculata* leaf meal on growth and feed utilization of *Cirrhinus mrigala* fingerlings. **Global Journal of Science Frontier Research, Vol. XIV (I): 46 – 49.**
18. Vhanalakar, S. A. and D. V. Muley (2014): Growth performance and biochemical composition of *Cirrhinus mrigala* fed with varying levels of *Medicago sativa* leaf meal. **Trajectory, Vol. 22 (1): 51 – 56.**
19. Koli, K. B., Vhanalakar, S. A. and D. V. Muley (2014): Diversity of zooplankton and seasonal variation in Tulshi reservoir of Kolhapur district (M.S.) India. **Proceeding of National Conference on “Biodiversity Conservation for Livelihood” DKASC College, Ichalkaranji, Maharashtra, India, 37 – 39.**
20. Vhanalakar, S. A. and D. V. Muley (2014): Migratory avifaunal diversity of the Mouni Vidyapeeth campus, Kolhapur District, Maharashtra (India). **Proceeding of National Conference on “Biodiversity Conservation for Livelihood” DKASC College, Ichalkaranji, Maharashtra, India, 100 – 102.**
21. Vhanalakar, S. A. and D. V. Muley (2014): Effect of *Asparagus racemosus* as growth promoter in the supplementary feed for common carp, *Cyprinus carpio*. **Proceeding of National Conference on “Environmental Biotechnology” Lal Bahadur Shastri College, Satara, 19 – 23.**

22. Vhanalakar, S. A. and D. V. Muley (2015): Effect of different dietary levels of *Gliricidia maculata* plant meal protein on growth performance, feed utilization and digestive enzymes in *Cirrhinus mrigala* (Hamilton). **Ecology and Fisheries, Vol. 8 (1): 161 – 167.**
23. Vhanalakar, S. A. and D. V. Muley (2015): Effect of replacing fish meal by a mixture of different plant protein sources in *Cirrhinus mrigala* diets. **Proceeding of National Conference on “Recent Trends in Life Sciences” Jaysingpur College, Jaysingpur, 14 – 19.**
24. Vhanalakar, S. A. (2015): Bioaccumulation of heavy metals in some important tissues of freshwater fish, *Cirrhinus mrigala*. **Proceeding of National Conference on “Recent Trends in Life Sciences” Jaysingpur College, Jaysingpur, 20 – 23.**
25. Vhanalakar, S. A. and D. V. Muley (2015): Evaluation of *Medicago sativa* leaf powder as supplementary feed for the growth of Fish, *Cirrhinus mrigala*. **Bioscience Discovery, 6(1-I): 1 – 4.**
26. Vhanalakar, S. A. and D. V. Muley (2015): Growth Performance and Biochemical Alterations of *Cirrhinus Mrigala* Fed With Raw and Hydrothermically Processed Leaf Powder of *Medicago Sativa*. **Proceeding of National Conference on “Biodiversity, Climate Change and Sustainable Development” Krantisinh Nana Patil College, Walwe, 33 – 39.**
27. Sharadrao A. Vanalakar, Vithoba L. Patil, Namdev S. Harale, Sagar A. Vhanalakar, Myeng Gil Gang, Jin Young Kim, Pramod S. Patil, Jin Hyeok Kim (2015): Controlled growth of ZnO nanorod arrays via wet chemical route for NO₂ gas sensor applications. **Sensors and Actuators B 221: 1195 – 1201.**
28. Sharad A. Vanalakar, Sagar A. Vhanalakar, Vithoba L. Patil, Namdev S. Harale, Bharat B. Kale, Pramod S. Patil and Jin H. Kim (2015): Synthesis and Characterization of Chemically Deposited ZnO Nanorods for NO₂ Gas Sensing Applications. **Proceedings of the 2nd International Symposium on Physics and Technology of Sensors, 8 - 10th March, 2015, Pune, India. 245 – 248.**
29. Vhanalakar S. A. and Muley D. V. (2016): Nutritive value of *Asparagus recemosus* root meal in pelleted feed for *Cyprinus carpio* fingerlings. **Journal of Science Research International, 2 (2): 1 – 5.**
30. Sharadrao A. Vanalakar, Satish M. Patil, Vithoba L. Patil, Sagar A. Vhanalakar, Pramod S. Patil and Jin Hyeok Kim (2018): Simplistic eco-friendly preparation of nanostructured Cu₂FeSnS₄ powder for solar photocatalytic degradation. **Materials Science & Engineering B, Vol. 229: 135 – 143.**
31. Vhanalakar S. A. and Muley D. V. (2018): Effect of Varying Levels of *Asparagus Recemosus* on Growth and Feed Utilization of an Indian Major Carp, *Cirrhinus Mrigala* (Ham). **Aayushi International Interdisciplinary Research Journal (AIIRJ), Special Issue XXV: 291 – 293.**
32. Rahul S. Kamble, Arjun D. Kumbhar, Pradnya S. Mitake and Sagar A. Vhanalakar (2018): Traditional Methods of Fishing in Kolhapur District, Maharashtra, India. **Aayushi International Interdisciplinary Research Journal (AIIRJ), Special Issue XXV: 313 – 315.**

33. V. A. Jagtap, S. A. Vhanalakar and H. K. Bhagwan (2018): Studies on New Species of Cestode Parasite *Flapocephalus zugeii* Sp. Nov. (Cestodea: *Lecanicephalidae* Braun, 1900) of *Trygon Zugei* From Mumbai Coast of Maharashtra. **Aayushi International Interdisciplinary Research Journal (AIIRJ), Special Issue XXV: 363 – 365.**
34. V. A. Jagtap, H. K. Bhagwan and S. A. Vhanalakar (2018): Studies on New Species of Cestode Parasite *Flapocephalus sephenae* Sp. Nov. of *Trygon Zugei* From Mumbai Coast. **International Journal of Life Sciences, Special Issue A9: 200 – 203.**
35. V. L. Patil, S. A. Vanalakar, S. A. Vhanalakar, A. S. Kamble, T. D. Dongale, D. N. Kurhe, P. P. Kamble, S. P. Patil, S. S. Shendage, P. S. Patil and J. H. Kim (2018): Chemically Synthesized Hierarchical Flower like ZnO Microstructures. **Zeitschrift für Physikalische Chemie, 2017/1016, DOI: <https://doi.org/10.1515/zpch-2017-1016>: 1 – 18.**
36. R. S. Kamble, S. V. Patil, S. P. Gayakwad and S. A. Vhanalakar (2019): Phytoplankton Diversity of Sir Pirajirao Lake Murgud, Kolhapur District, Maharashtra. **Ajanta, Vol. VIII (I): 71-75.**
37. Bhagat C. P., V. A. Jagtap and S. A. Vhanalakar (2019): Optimization of pH for the Cellulolytic Activity of Bacteria Isolated From Different Soil Samples Collected From Mouni Vidyapeeth Campus Gargoti, Kolhapur M.S. **Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences, Special Issue: 18-21.**
38. V. A. Jagtap, S. A. Vhanalakar and C. P. Bhagat (2019): Studies On New Species Of Cestode Parasite *Tetragonocephalum govindi* Sp. Nov. of *Trygon Sepheni* from Ratanagiri Coast of Maharashtra. **Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences, Special Issue: 89-94.**
39. Vhanalakar S. A., V. A. Jagtap and C. P. Bhagat (2019): Physico-Chemical Characteristics of Madilage Village Pond, Kolhapur (M.S.) India. **Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences, Special Issue: 328-331.**
40. C. P. Bhagat, V. A. Jagtap, M. S. Desai and S. A. Vhanalakar (2020): Comparison of Protein Content in Raw (Dry) and Sprouted Seeds of Selected Pulses. **Our Heritage, Vol. 68 (34): 43-47.**
41. S. A. Vhanalakar, V. A. Jagtap, C. P. Bhagat and D. V. Muley (2020): Effects of the Feeds Containing Different levels of *Medicago sativa* leaf meal on Growth Performance and Body Composition of *Cyprinus carpio* (Linnaeus, 1758) Fingerlings. **Our Heritage, Vol. 68 (34): 232-238.**
42. V. A. Jagtap, C. P. Bhagat and S. A. Vhanalakar (2020): Studies on New Species of Cestode Parasite *Polypocephalus hemanti* Sp. Nov. of *Trygon zugei* From Ratanagiri Coast of Maharashtra. **Our Heritage, Vol. 68 (34): 296-305.**
43. S. A. Vhanalakar, V. A. Jagtap and C. P. Bhagat (2021): Fortification of Plant Protein Sources in The Fish Food for *Cyprinus carpio*. **Bioinfolet, Vol. 18 (2): 235 – 237.**

44. V. A. Jagtap and S. A. Vhanalakar (2021): New Cestode Parasite *Flapocephalus samatea* Sp. Nov. of *Trygon sephen* from Mumbai Coast, Maharashtra. **Bioinfolet, Vol. 18 (4): 515 – 517.**
45. A. B. Mamlayya, S. A. Vhanalakar and V. R. Kakulte (2022): Life Cycle of *Eterusia aedea* Linn. (Lepidoptera: Zygaenidae) on new host plant from Amba Reserve Forest, Kolhapur, North Western Ghats, Maharashtra. **Journal of Scientific Research, Vol. 66 (3): 157 – 160.**
46. S. A. Vhanalakar, V. A. Jagtap and C. P. Bhagat (2023): Nutritional evaluation of heat-treated and raw leaf powder of *Medicago sativa* for freshwater fish, *Cirrhinus mrigala*. **International Journal of Fisheries and Aquatic Studies, Vol. 11(4): 181-184.**

BOOK CHAPTERS:

1. Kale, M. D., S. A. Vhanalakar, S. S. Waghmode and D. V. Muley (2011): Sodium Fluoride induced protein alterations in fresh water fish, *Labeo rohita*. **Advances in Aquatic Ecology: Vol. 5, Daya Publishing House, ISBN: 978-81-7035-699-74.**
2. Manjare, S. A., S. A. Vhanalakar and D. V. Muley (2012): A study on physico-chemical parameters of Laxmiwadi tank in Kolhapur district, Maharashtra. **Advances in Aquatic Ecology: Vol. 6, Daya Publishing House, ISBN: 978-81-7035-782-7.**
3. Manjare, S. A., S. A. Vhanalakar and D. V. Muley (2013): Physico-chemical Condition and Occurrence of Some Zooplankton in a Laxmiwadi Tank, Maharashtra. **Advances in Aquatic Ecology: Vol. 7, Daya Publishing House, ISBN: 978-81-7035-820-6.**
4. Kamble R. S., Vaskar A. N. and S. A. Vhanalakar (2015): Avifaunal diversity of Sir Pirajirao Lake, Muragud, Kolhapur district, Maharashtra. **Emerging Research Trends in Life Sciences, Edition 1, Bhumi Publishing, India, ISBN: 978–81–931247–0–3.**
5. Kadam, P. V., Chougale N. S., Vasagadekar P. M. and S. A. Vhanalakar (2015): Bird diversity in and around Gargoti town, Dist – Kolhapur (M.S.), India. **Emerging Research Trends in Life Sciences, Edition 1, Bhumi Publishing, India, ISBN: 978–81–931247–0–3.**
6. Vhanalakar, S. A. (2016): Seasonal variations in physicochemical characteristics of Mudal village pond from Bhudargad Tahsil, Kolhapur, (M.S.) India. **Water Research and Technology, Bhumi Publishing, India, ISBN: 97881-931247-2-7.**
7. Vhanalakar, S. A. (2017): Comparative Account of Heavy Metals Concentration in Water, Sediment and Fish Tissues from Panchganga River, Kolhapur (M.S., India). **Biodiversity Assessment: Tool for Conservation, Bhumi Publishing, India, ISBN: 978-81-931247-3-4.**

8. Vhanalakar, S. A. and D. V. Muley (2017): Impact of *Asparagus Racemosus* as A Growth Promoter In The Supplementary Feed of Common Carp, *Cyprinus carpio*. **Contemporary Research in Sciences and Humanities, Bhumi Publishing, India, ISBN: 978-81-931247-4-1.**
9. Rahul S. Kamble, Pooja P. Kolekar, Geeta R. Katkar and Sagar A. Vhanalakar (2018): Zooplankton diversity of Sir Pirajirao Lake of Murgud, Kolhapur district (M.S.). **Recent Trends in Conservation and Management of Ecosystems, Bhumi Publishing, India, ISBN: 97881-931247-7-2.**
10. A. B. Mamlayya, V. B. Kakulte and S. A. Vhanalakar (2022): Blackbuck Antelope cervicapra Linn. (Bovidae: Artidactyla) Population in fragmented grasslands of Pandharpur Tehsil, District Solapur (MS) India. **Environment and Sustainability Volume I, Bhumi Publishing, India, ISBN: 978-93-91768-70-6.**
11. S. A. Vhanalakar, V. A. Jagtap, C. P. Bhagat and A. B. Mamlayya (2023): Trends in Fish Nutrition: Exploring Emerging Concepts and Research. **Research Trends in Nutrition Science, Bhumi Publishing, India, ISBN: 978-93-88901-75-8.**
12. Rahul S. Kamble, Gajanan K. Sontakke and Sagar A. Vhabalakkar (2023): Zooplankton Community Dynamics and Trophic Interactions in Tulashi Water Reservoir, Kolhapur District, M.S., India. **Research Trends in Aquaculture and Fisheries, Bhumi Publishing, ISBN: 978-93-95847-52-0.**

BOOKS EDITED:

Sr. No.	Name of the Book	Publishing Agency	Year	ISBN Number
1	Emerging Research Trends in Basic and Applied Sciences	Bhumi Publishing, India	2015	978-93-5212-826-6
2	Emerging Research Trends in Life Science	Bhumi Publishing, India	2015	978-81-931247-0-3
3	Research Frontiers in Sciences	Bhumi Publishing, India	2015	978-81-931247-1-0
4	Water Research and Technology	Bhumi Publishing, India	2016	978-81-931247-2-7
5	Biodiversity Assessment: Tool for Conservation	Bhumi Publishing, India	2017	978-81-931247-3-4
6	Contemporary Research in Sciences and Humanities	Bhumi Publishing, India	2017	978-81-931247-4-1
7	Recent Trends in Conservation and	Bhumi Publishing,	2018	978-81-931247-7-2

	Management of Ecosystems	India		
8	Floral and Faunal Wealth of India	Bhumi Publishing, India	2019	978-81-931247-8-9
9	Research Frontiers in Sciences Vol. II	Bhumi Publishing, India	2019	978-81-931247-9-6
10	Limnology	Bhumi Publishing, India	2020	978-93-88901-01-7
11	Advances in Science and Humanities Research	Bhumi Publishing, India	2020	978-93-88901-07-9
12	Ecology Research Volume I	Bhumi Publishing, India	2021	978-93-88901-19-2
13	Ecology Research Volume III	Bhumi Publishing, India	2021	978-93-88901-21-5
14	COVID 19: Impact and Response Volume IX	Bhumi Publishing, India	2022	978-93-91768-84-3
15	COVID 19: Impact and Response Volume XI	Bhumi Publishing, India	2022	978-93-91768-55-3

BOOKS PUBLISHED:

Sr. No.	Name of the Book	Publishing Agency	Edition Year	ISBN Number
1	Plant based diets for growth of freshwater fishes	LAP LAMBERT Academic Publishing, Germany	2017	978-3330054202
2	Handbook of Practical Zoology (B. Sc. I)	Bhumi Publishing, India	2022	978-93-91768-72-0
3	Handbook of Practical Zoology (B. Sc. II)	Bhumi Publishing, India	2023	978-93-88901-76-5
4	Reproductive Biology	Bhumi Publishing, India	2024	978-93-88901-86-4

RESEARCH PROJECTS:

Sr. No.	Name of the Project	Funding Agency	Amount	Duration
1	Study of selected rural perennial water bodies with special reference to pollution and threats from Bhudargad Tahsil of Kolhapur District, Maharashtra	University Grants Commission (UGC) WRO, Pune	Rs. 2,70,000/-	2 Years (2014 – 2016)

2	Integrated Environmental Quality Assessment of Vedganga River with Special Reference to Anthropogenic Activities and Threats from Kolhapur District, Maharashtra	Shivaji University, Kolhapur	Rs. 1,20,000/-	2 Years (2024-2026)
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APPENDIX – II

PATENT:

- 1. International Patent for Silkworm Cocoon Cleaning Machine (UK)** Design number: 6280896, Grant Date: 17/05/2023

PARTICIPATION IN SEMINARS/ SYMPOSIA/ CONFERENCES/WORKSHOPS:

- 1. National Conference** on “Frontiers in Applied Animal Sciences” on 16 - 18 October, 2006 Organized by Department of Zoology, Shivaji University, Kolhapur (M.S.).
- 2. National Symposium** on “Zoology with special reference to Biotechnology and Bioinformatics” on 10 - 11 February, 2007 Organized by Department of Zoology and Fisheries, Yashwantrao Chavan Institute of Science, Satara (M.S.).
- 3. Workshop** for “Coaching NET examination” on 16 – 18 February, 2009 Organized by Department of Zoology, Shivaji University, Kolhapur (M.S.).
- 4. National Conference** on “Biodiversity and Physiology of Aquatic Resources in Sustainable Development for Rural Livelihood” on 24 – 25 October, 2009 Organized by Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S.).
- 5. Training Programme** on “Sustainable Rural Livelihood” on 9 – 11 November, 2009 Organized by Yashwantrao Chavan Academy of Development Administration, Pune (M.S.).
- 6. National Seminar** on “Impact of Wetlands on Agriculture and fisheries Productivity” on 17 – 18 December, 2009 Organized by Padmabhushan Dr. Vasantraodada Patil Mahavidyalaya, Tasgaon, Sangli (M.S.).
- 7. National Workshop** on “Research Methodology and Quantitative Techniques” on 10 – 11 December, 2010 Organized by Department of Commerce and Management, Shivaji University, Kolhapur (M.S.).
- 8. Lead College activity** on “Save The Earth” on 28th February, 2011 Organized by Science Association of Vivekanand College, Kolhapur (M.S.).

9. **National Conference** on “Recent Trends in Life sciences with Special Reference to Animal Physiology, Biotechnology and Biodiversity” on 19 – 20 October, 2011 Organized by P. G. Department of Zoology, Sadguru Gadage Maharaj College, Karad (M.S.).
10. **National Seminar** on “Recent Trends and Techniques in Bio - Sciences” on 30 November – 1 December, 2011 Organized by Department of Zoology, Arts, Commerce and Science College, Palus, Dist - Sangli (M.S.).
11. **National Seminar** on “Preparation of Skillful Research Papers at National and International Scenario” on 6th February, 2012 Organized by Department of Zoology, Shivaji University, Kolhapur (M.S.).
12. **University Level Workshop** on “Revised Syllabus of B. Sc. III (Zoology)” on 11th August, 2012 organized by P. G. Department of Zoology, Sadguru Gadage Maharaj College, Karad (M.S.).
13. **National Conference** on “Integrated Pest Management and Bioremediation” on 13 – 14 August, 2012 Organized by Lal Bahadur Shastri College, Satara (M.S.).
14. **University Level Workshop** on “Revised Syllabus of B. Sc. III (Zoology)” on 14th August, 2012 Organized by Department of Zoology, Krantisinh Nana Patil College, Walwa, Dist - Sangli (M.S.).
15. **National Seminar** on “ Apiculture” on 28th September, 2012 Organized by Department of Zoology, Shivaji University, Kolhapur (M.S.).
16. **National Conference** on “Biodiversity Conservation for Livelihood” on 14 – 15 December, 2012 Organized by Department of Botany and Zoology, Dattajirao Kadam Arts, Commerce and Science College, Ichalkaranji, Tal. Hatkanangale, Dist. Kolhapur (M.S.).
17. **International Conference** on “Sustainable Water Resource Development and Management” on 20 – 21 December, 2012 Organized by Department of Environmental Science, Shivaji University, Kolhapur (M.S.).
18. **National Conference** on “Recent Trends in Applied Zoology” on 28 – 29 December, 2012 Organized by Department of Zoology, Yashvantrao Chavan Institute of Science, Satara (M.S.).
19. **National Seminar** on “Recent Advances in Life Sciences with Special Reference to Biotechnology” on 3 – 4 January, 2013 Organized by Department of Life Sciences and Department of Biotechnology, Smt. Kasturbai Walchand College, Sangli (M.S.).
20. **National Seminar** on “Biodiversity and Biotechnology” on 8th February, 2013 Organized by Arts, Science and Commerce College, Ramanandnagar (Burli), Dist - Sangli (M.S.).
21. **University Level Workshop** on “Revised Syllabus of B. Sc. I (Zoology)” on 7th August, 2013 organized by P. G. Department of Zoology, Sadguru Gadage Maharaj College, Karad (M.S.).
22. **National Seminar** on “Recent Trends in cell biology, biotechnology and bioinformatics” on 6 – 7 September, 2013 organized by Balwant College, Vita, Dist – Sangli (M.S.).

- 23. National Seminar** on “Private Universities and Quality of Higher Education” on 6th October, 2013
organized by Shivaji University Teachers Association (SUTA), Kolhapur.
- 24. National Conference** on “Recent Trends in Biology: Nanoscience” on 13 – 14 December, 2013
Organized by Department of Zoology, Dahiwadi College, Dahiwadi, Dist - Satara (M.S.).
- 25. International Conference** on “Biosciences with special reference to Environmental Issues” on 19 – 21 December, 2013 Organized by Department of Zoology, Shivaji University, Kolhapur (M.S.).
- 26. National Conference** on “Environment Management and Biodiversity Conservation” on 17 – 18 January, 2014 Organized by Abasaheb Marathe College, Rajapur (M.S.).
- 27. University Level Workshop** on “Revised Syllabus of B. Sc. II (Zoology)” on 13th August, 2014
Organized by Department of Zoology, Krantisinh Nana Patil College, Walwa, Dist - Sangli (M.S.).
- 28. National Conference** on “Conservation of Natural Resources and Biodiversity for Sustainable Development” on 4 – 6 December, 2014 Organized by Nya. Tatyasaheb Athalye Arts, Ved. S. R. Sapre Commerce and Vid. Dadasaheb Pitre Science College Devrukh, Dist. Ratnagiri (M.S.).
- 29. National Conference** on “Environmental Biotechnology” on 29 – 30 December, 2014 Organized by Department of Zoology, Lal Bahadur Shastri College, Satara (M.S.).
- 30. National Conference** on “Biodiversity and its Conservation in India” on 30 – 31 January, 2015
Organized by Karmaveer Mamasahab Jagdale Mahavidyalaya, Washi, Dist – Osmanabad (M.S.).
- 31. National Seminar** on “Biodiversity and Climate Change” on 31st January, 2015 Organized by Department of Botany, Shivaji University, Kolhapur (M.S.).
- 32. National Conference** on “Recent Trends in Life Sciences” on 6 – 7 February, 2015 Organized by Jaysingpur College, Jaysingpur, Dist – Kolhapur (M.S.).
- 33. National Workshop** on “Quality Trends in Higher Education” on 27th June, 2015 Organized by Chhatrapati Shahu Institute of Business Education and Research, Kolhapur (M.S.).
- 34. National Conference** on “Pioneers in Zoology” on 20th August, 2015 Organized by Department of Zoology, Arts, Commerce and Science College, Palus, Dist - Sangali (M.S.).
- 35. University Level Workshop** on “Revised Syllabus of B. Sc. III (Zoology)” on 21st August, 2015
Organized by Department of Zoology, Mudhoji College, Phaltan, Dist - Satara (M.S.).
- 36. National Conference** “Biodiversity, Climate Change and Sustainable Development” on 29 – 30 August, 2015 Organized by Department of Zoology, Krantisinh Nana Patil College, Walwa, Dist - Sangli (M.S.).
- 37. University Level Workshop** on “Revised Syllabus of B. Sc. III (Zoology)” on 5th October, 2015
Organized by Department of Zoology, Lal Bahadur Shastri College, Satara (M.S.).
- 38. National Conference** on “Biodiversity and Bioresource Management” on 15 – 16 January, 2016
Organized by Department of Zoology, Shivaji University, Kolhapur (M.S.).

- 39. Lead College Workshop** on “Administration through IQAC” on 1st October, 2016 organized by Shri. Yashwantrao Patil Science College, Solankur, Dist – Kolhapur (M.S.).
- 40. Lead College Workshop** on “Global Warming” on 1st October, 2016 organized by Shri. Yashwantrao Patil Science College, Solankur, Dist – Kolhapur (M.S.).
- 41. National Conference** on “Emerging Trends and Classics in Life Sciences” on 28th January, 2017 Organized by Yashwantrao Chavan Warana Mahavidyalaya, Warananagar, Dist - Kolhapur (M.S.).
- 42. National Conference** on “Materials and Environmental Sciences” on 15th February, 2017 Organized by Shri. Yashwantrao Patil Science College, Solankur, Dist – Kolhapur (M.S.).
- 43. National Workshop** on “Atal Tinkering Laboratory” on 12 – 13 June, 2017 Organized by Jnana Probodhini, Pune (M.S.).
- 44. Lead College Workshop** on “Sericulture and Its Management” on 6th October, 2017 organized by Devchand College, Arjun Nagar, Dist – Kolhapur (M.S.).
- 45. National Conference** on “Understanding Revised Assessment and Accreditation Methodology of NAAC” on 15th December, 2017 Organized by Mahavir College, Kolhapur (M.S.).
- 46. National Conference** on “Recent Trends in Chemical Science and Its Interdisciplinary Applications” on 6th January, 2018 Organized by Shri. Yashwantrao Patil Science College, Solankur, Dist – Kolhapur (M.S.).
- 47. National Conference** on “Recent Trends in Conservation and Management of Ecosystem” on 15th January, 2018 Organized by D. B. J. College, Chiplun, Dist - Ratnagiri (M.S.).
- 48. University Level Workshop** on “All India Survey of Higher Education” on 7th February, 2018 Organized by Shahaji College, Kolhapur (M.S.).
- 49. National Conference** on “Role of Science in Conservation of Environment and Biodiversity” on 17th March, 2018 Organized by Prof. Dr. N. D. Patil Mahavidyalaya, Malkapur, Dist – Kolhapur (M.S.).
- 50. University Level Workshop** on “Revised Syllabus of B. Sc. I (Zoology)” on 14th August, 2018 Organized by Department of Zoology, Krantisinh Nana Patil College, Walwa, Dist - Sangli (M.S.).
- 51. Lead College Workshop** on “Freshwater Fish Culture” on 24th September, 2018 organized by Shri. Yashwantrao Patil Science College, Solankur, Dist – Kolhapur (M.S.).
- 52. State Level Training Programme (FDP)** on “Empowerment of IQAC and NAAC Guidelines” on 20 – 22 October, 2018 organized by Doodhsakhar Mahavidyalaya, Bidri, Dist – Kolhapur (M.S.).
- 53. University Level Workshop** on “All India Survey of Higher Education” on 5th January, 2019 Organized by The New College, Kolhapur (M.S.).
- 54. Lead College Workshop** on “IPR and Industry – Academia Collaboration” on 16th January, 2019 organized by Devchand College, Arjun Nagar, Dist – Kolhapur (M.S.).

55. **National Conference** on “Innovative Approaches in Pure and Applied Sciences” on 7th February, 2019 Organized by Bhogawati College, Kurukali, Dist – Kolhapur (M.S.).
56. **National Conference** on “Sustainable Agriculture” on 12th February, 2019 Organized by Devchand College, Arjunnagar, Dist – Kolhapur (M.S.).
57. **Lead College Workshop** on “Conservation of Animal Diversity” on 16th February, 2019 Organized by Bhogawati College, Kurukali, Dist – Kolhapur (M.S.).
58. **National Seminar** on “Revised Accreditation Framework of NAAC” on 21st February, 2019 Organized by IQAC, Shivaji University, Kolhapur (M.S.).
59. **International Conference** on “Impact of Multiculturalism on Languages, Literature, Social Sciences and Commerce and a Role of Science and technology in Multiculturalism” on 2nd March, 2019 Organized by Sadashivrao Mandlik Mahavidyalya, Murgud, Dist – Kolhapur (M.S.).
60. **National Conference** on “New Spirit of Assessment and Accreditation Process ” on 20th July, 2019 Organized by Jaysingpur College, Jaysingpur, Dist – Kolhapur (M.S.).
61. **University Level Workshop** on “Revised Syllabus of B. Sc. II (Zoology)” on 21st August, 2019 Organized by Yashwantrao Chavan College of Science, Karad, Dist - Sangli (M.S.).
62. **University Level Workshop** on “Revised Syllabus of B. Sc. II (Zoology)” on 24th August, 2019 Organized by Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon, Dist - Kolhapur (M.S.).
63. **University Level Workshop** on “Revised Syllabus of B. Sc. II (Zoology)” on 14th September, 2019 Organized by KRP Kanya Mahavidyalaya, Islampur, Dist - Sangli (M.S.).
64. **National Level Workshop** on “Skill Development in Sericulture and Bio-control Agent” organized by Shahid Virpatni Laxmi Mahavidyalya, Titave, Dist – Kolhapur (M.S.) on 23rd December, 2019.
65. **University Level Workshop** on “All India Survey of Higher Education” on 17th January, 2020 Organized by CSIBER, Kolhapur (M.S.).
66. **National Conference** on “Conservation and Biodiversity Banking” on 17th January, 2020 Organized by Arts, Science and Commerce College, Ramanandnagar (Burli), Dist - Sangali (M.S.).
67. **National Conference** on “Conservation of Biological Diversity” on 1st February, 2020 Organized by Department of Zoology, Mudhoji College, Phaltan, Dist - Satara (M.S.).
68. **Lead College Workshop** on “New Revised NAAC Guidelines” on 3rd February, 2020 organized by Devchand College, Arjunnagar, Dist – Kolhapur (M.S.).
69. **Online International Conference** on ‘Climate Change, Mangroves and Sustainable Management’ on 24th April, 2020 organized by Shri Pancham Khemraj Mahavidyalya, Sawantwadi, (M.S.).
70. **Online National Workshop** on “Role of IQAC in Assessment and Accreditation Process” on 22nd May, 2020 organized by SIP Arts, GBP Science and STKVS Commerce College, Shahada, Dist – Nandurbar (M.S.).

- 71. Online International Conference** on 'Health, Hygiene and Higher Education' on 30th May, 2020 organized by Sant Rawool Maharaj Mahavidyalaya, Kudal, Dist - Sindhudurg (M.S.).
- 72. International e-Conference** on "Sustainable Development After COVID-19: Environmental Issues and Challenges" on 01 – 02 June, 2020 organized by Deva Nagri College, Meerut (U.P.)
- 73. National Workshop** on "Mandatory Audits in Educational Institutes for the NAAC Accreditation" on 29th January, 2021 organized by College for Non-Conventional Vocational Courses for Women, Kolhapur
- 74. University Level Workshop** on "Revised Syllabus of B. Sc. III (Zoology)" on 30th January, 2021 Organized by Department of Zoology, D. P. Bhosale College, Koregaon, Dist - Satara (M.S.).
- 75. International Conference** on "Conservation of Wild Taxa: Present Scenario" on 5th February, 2021 Organized by Shri. Yashwantrao Patil Science College, Solankur, Dist – Kolhapur (M.S.).
- 76. University Level Workshop** on "Revised Syllabus of B. Sc. III (Zoology)" on 10th March, 2021 Organized by Yashwantrao Chavan Warana Mahavidyalaya, Warananagar, Dist - Kolhapur (M.S.).
- 77. Online National Seminar** on "Self-Study Report Preparation Under Revised Assessment & Accreditation Framework of NAAC-2021" on 4th August, 2021 organized by Devchand College, Arjun Nagar, Dist – Kolhapur (M.S.).
- 78. University Level Workshop** on "All India Survey of Higher Education" on 10th January, 2022 Organized by Statistical Cell, Shivaji University, Kolhapur (M.S.).
- 79. National Conference** on "COVID Pandemic: Impact on Sustainability of Agriculture, Livestock and Biodiversity" on 25 – 26 March, 2022 Organized by Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon, Dist - Kolhapur (M.S.).
- 80. National Conference** on "Biodiversity and Biosciences" on 29 December, 2022 Organized by Balwant College, Vita, Dist – Sangli (M.S.).
- 81. University Level Workshop** on "Revised Syllabus of B. Sc. II (Zoology)" on 19th October, 2023 Organized by Department of Zoology, Ajara Mahavidyalaya, Ajara, Dist. - Kolhapur (M.S.).
- 82. International Conference** on 'Innovation in Science and Technology for Sustainable Development' on 21 – 23 November, 2023 organized by Maharishi University of Information Technology, Lucknow, (U.P.).
- 83. International E-Conference** on "Integrated Sciences" on 8 - 9th February, 2024 Organized by Shri. Yashwantrao Patil Science College, Solankur, Dist – Kolhapur (M.S.).

APPENDIX – III

POSITIONS HELD:

1. Working as a **Vice Principal of B. Sc. Wing** of Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti, Taluka – Bhudargad, Dist – Kolhapur (Since June, 2013).
2. Working as an **IQAC (Internal Quality Assurance Cell) Coordinator** of Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti, Taluka – Bhudargad, Dist – Kolhapur.
3. Working as **Member Special Cell Standing Committee of Shivaji University**, Kolhapur (January, 2020 to till date).
4. Worked as **Coordinator for one day workshop on “Recent Approaches in Environmental Awareness”** (28th March, 2011) at Karmaveer Hire Arts, Science, Commerce and Education Gargoti.
5. Worked as **Coordinator for one day workshop on “Recent Trends in Environmental Awareness”** (16th March, 2013) at Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti.
6. Worked as **Coordinator for one day workshop on “Wonderful World of Insects”** (20th March, 2013) at Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti.
7. Worked as an **Organizing Secretary for International Conference on “Emerging trends in Basic and Applied Sciences”** (10th March, 2015) at Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti.
8. Worked as **Coordinator for one day workshop on “Human and Wildlife Conflict”** (15th October, 2015) at Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti.
9. Worked as **Coordinator for one day workshop on “Apiculture”** (16th February, 2016) at Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti.
10. Worked as **Coordinator for one day workshop on “Applied Zoology”** (29th December, 2018) at Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti.
11. Worked as an **Organizing Secretary for International Conference on “Emerging trends and Innovative Practices in Commerce, Management, Languages, Sciences and Social Sciences”** (27th April, 2019) at Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti.
12. Worked as **Member of Organizing Committee of National Conference on “Panchayat Raj and Rural Development”** (15th February, 2020) at Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti.
13. Worked as a **Convener for Virtual International Poster Conference on “COVID-19 (VIP-C-COVID: Impact and Response)”** on 12 – 13 June, 2020 at Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti.

14. Worked as **Member of Organizing Committee of National Conference on “Literature, Culture and Society”** (30th March, 2021) at Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti.
15. Worked as **Coordinator for one day workshop on “Vermiculture”** (13th August, 2021) at Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti.
16. Worked as **Coordinator for one day National workshop on “Research Methodology and Quantitative Techniques”** (10th June, 2022) at Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti.
17. Worked as **Member of Organizing Committee of National Conference on “75 Years of Indian Independence”** (13th August, 2022) at Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti.
18. Worked as a **Convener for Second International Conference on “Emerging trends in Basic and Applied Sciences”** (17th January, 2023) at Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti.

ORIENTATION / REFRESHER COURSES/ FDP’S/ ONLINE COURSES ATTENDED:

1. **Orientation Programme** at UGC Academic Staff College, Goa University, Goa (23.09.2013 to 21.10.2013)
2. **Refresher Course** at UGC- HRDC Sardar Patel University, Vidyanagar, Gujarat (07.09.2015 to 27.09.2015)
3. **Swayam Online Course (MOOC)** on “Solid and Hazardous Waste Management” (15.07.2019 to 30.01.2019) organized by Central University of Punjab, Bathinda, Punjab
4. **Refresher Course** at UGC- HRDC Savitribai Phule Pune University, Pune, Maharashtra (09.12.2019 to 22.12.2019)
5. **Online Refresher Course (ARPIT)** on “Teacher and Teaching in Higher Education” organized by UGC- HRDC Savitribai Phule Pune University, Pune, Maharashtra (01.09.2019 to 31.12.2019)
6. **Online Faculty Development Programme (FDP)** on “Managing Online Classes and Co-Creating MOOCs” organized by Ramanujan College, New Delhi (20.04.2020 to 06.05.2020)
7. **Online Faculty Development Programme (FDP)** on “ICT Tools for Effective Teaching Learning” organized by School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded (11.05.2020 to 16.05.2020)

8. **International Online Faculty Development Programme (FDP)** on “Biological Sciences” organized by Nallamuthu Gounder Mahalingam College, Pollachi, Tamilnadu (25.05.2020 to 31.05.2020)
9. **Online National Workshop** on “From e-Learning to e-Training: A Comprehensive Guide for all Your Administrative Work” organized by Ramanujan College, New Delhi (24.05.2020 to 05.06.2020)
10. **Online Refresher Course (ARPIT)** on “Pedagogical Innovations and Research Methodology (Interdisciplinary)” organized by HRDC Guru Jambheshwar University of Science & Technology Hisar, Haryana (01.12.2020 to 31.03.2021)
11. **Online Refresher Course (ARPIT)** on “Leadership and Governance in Higher Education Level 2” organized by UGC- HRDC Savitribai Phule Pune University, Pune, Maharashtra (01.12.2020 to 31.03.2021)
12. **MS-DEED Level 1 Workshop** on “Introduction to Innovative Pedagogies for College Teachers” organized at the Government of Maharashtra’s Rajaram College, Kolhapur by IISER, Pune and supported by MSFDA (18.01.2024 to 20.01.2024)

RESEARCH / PROFESSIONAL ASSIGNMENTS:

1. **Editor – in – Chief:** Bhumi Publishing, India
2. **Editor – in – Chief:** Journal of Science Research International (ISSN: 2456 – 6365)
3. **Editorial Board Member:** Acta Scientific Microbiology (<https://actascientific.com/ASMI-EB.php>)

MEMBERSHIP/ FELLOWSHIPS OF ASSOCIATIONS:

1.	Member	:	International Society of Zoological Sciences (ISZS), Beijing, China
2.	Member	:	Indian Environment Network, Virginia, USA
3.	Senior Member	:	Asia-Pacific Chemical, Biological & Environmental Engineering Society (APCBEEs), Hong Kong
4.	Member	:	Zoology Past Student Association (ZOOPASTA), Shivaji University, Kolhapur
5.	Member Ad-Hoc Body	:	Shivaji University College Teachers Association (SUCTA), Kolhapur
6.	Life Member	:	Scientific and Technical Research Association (STRA), Jaipur, India
7.	Life Member	:	Healthcare & Biological Sciences Research Association (HBSRA), Jaipur

OTHER ACTIVITIES:

1. Worked as **News Reporter** for Marathi Newspapers (Daily Sakal and Daily Lokmat) from 2000 to 2015
2. **Computer Course** in Information Technology in 2001.
3. Wrote and **published five science based Marathi articles** for 'Smart Sobati' – a weekly edition of Daily Sakal.
4. Wrote and **published 46 Marathi Agriculture crop articles** in Daily Lokmat (2017).

RESEARCH FELLOWSHIPS RECIEVED:

1. Recipient of **"Departmental Research Fellowship"** awarded by Shivaji University, Kolhapur (2007 – 08)
2. Recipient of **Research Fellowship under the scheme of "Sciences for Meritorious Student"** awarded by University Grants Commission (UGC), New Delhi (2008 - 09).

INVITED TALKS / GUEST LECTURES ETC:

1. **Four radio talks** (All India Radio – Kolhapur) in December 2005.
2. **Invited lecture** on the occasion of **"National Science Day"** organized by Shri. Yashwantrao Patil Science Mahavidyalaya, Solankur, Tal – Radhanagari, Dist – Kolhapur on 28th February, 2011.
3. **Invited lecture** on **"Biodiversity and its Conservation"** organized by Shri. Yashwantrao Patil Science Mahavidyalaya, Solankur, Tal – Radhanagari, Dist – Kolhapur on 8th October, 2015.
4. **Guest lecture** on **"Teacher and Student"** organized by V. S. Khandekar High School, Kolhapur on 30th July, 2016.
5. **Guest lecture** on **"Career Avenues after B. Sc. Zoology"** organized by The New College, Kolhapur on 10th February, 2018.
6. **Guest lecture** on **"Conservation of Animal Diversity"** organized by Bhogawati College, Kurukali, Dist – Kolhapur (M.S.) on 16th February, 2019.
7. **Guest lecture** on **"Wildlife and Biodiversity"** organized by Shahid Virpatni Laxmi Mahavidyalya, Titave, Dist – Kolhapur (M.S.) on 9th October, 2019.
8. **Guest lecture** on **"Career in Zoology"** organized by Department of Zoology, Devchand College, Arjunnagar, Dist - Kolhapur on 7th March, 2020.
9. **Guest lecture** on **"Role of Women in Biodiversity Conservation"** organized by Shahid Virpatni Laxmi Mahavidyalya, Titave, Dist – Kolhapur (M.S.) on 7th January, 2021.

10. **Guest lecture on “Career after B. Sc.”** organized by Sadashivrao Mandlik College, Murgud, Dist – Kolhapur (M.S.) on 26th August, 2021.
11. **Guest lecture on “Biodiversity Conservation with respect to Western Ghats”** organized by Doodhsakhar Mahavidyalya, Bidri, Dist – Kolhapur (M.S.) on 12th January, 2022.
12. **Invited talk** in National Workshop on **“Agricultural Skills and Applied Zoology”** organized by Shahid Virpatni Laxmi Mahavidyalya, Titave, Dist – Kolhapur (M.S.) on 14th March, 2022.
13. **Guest lecture on “Scope of Zoology”** organized by Biovision Club, Devchand College, Arjunnagar, Dist - Kolhapur on 24th May, 2022.
14. **Invited lecture on “NAAC Framework”** organized by Shri. Yashwantrao Patil Science Mahavidyalaya, Solankur, Tal – Radhanagari, Dist – Kolhapur on 2nd March, 2023.
15. **Resource Person at University Level Workshop on “Revised Syllabus of B. Sc. II (Zoology)”** Organized by Ajara Mahavidyalaya, Ajara, Dist - Kolhapur (M.S.) on 19th October, 2023.

PARTICIPATION IN CORPORATE LIFE:

1. Working as the **President of Bhumi Gramin Vikas Sanstha** (NGO), Nigave Khalasa, Taluka – Karveer, Dist – Kolhapur.
2. Working as a **Chief Coordinator of Bhumi Shetakari Mandal**, Nigave Khalasa, Taluka – Karveer, Dist – Kolhapur – A farmers group sponsored by NABARD.
3. Extension activities- **guidance to the fishermen and to the fishermen society** whenever required.
4. Working in the **awareness campaign regarding water pollution during Ganesh Festival** (Nirmalya Collection) since 2000 in Nigave Khalasa and around villages of Karveer Tahsil, Kolhapur District.
5. **Guidance to women self help groups (SHGs)** in Nigave Khalasa regarding various governmental schemes and money saving.