

# CURRICULUM VITA



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2. Designation : HoD (Assistant Professor)
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5. Date of Birth : 24<sup>th</sup> November, 1991

## 6. Academic Qualification

Degree	Year	Institution/Board	Country
Ph.D. in Zoology	November, 2015- August, 2019	University of Mumbai	India
Master of Science (M.Sc.) in Zoology	April, 2014	University of Mumbai	India
Bachelor of Science (B.Sc.) in Zoology	March, 2012	University of Mumbai	India
HSC	March 2009	Maharashtra Board	India
SSC	March 2007	Maharashtra Board	India

## 7. Teaching Experience

Duration	Position Held	Organization
Dec, 2015- Apr, 2016	Assistant Professor (Department of Zoology)	Aqsa Women's Degree College Bhiwandi, India Of Arts, Science and Commerce
Jul, 2016- Nov, 2016	Assistant Professor (Department of Zoology)	Husna Abdul Malik Women's Degree Kalyan, India College of Arts, Science and Commerce
September 2021 – till date	HoD Assistant Professor (Department of Zoology)	DRT's A.E Kalsekar Degree College

## 8. PhD Topic:

Title of the Thesis: **“Studies of Deltamethrin and Dichlorvos toxicities on physiological aspects of fresh water fish *Rasbora daniconius*”**

**9. Area of Interest** : Molecular Biology, Biochemistry, Cytogenetic and Environmental toxicity, Animal Physiology, Endocrinology and Biotechnology

**10. Courses Taught** : Instrumentation And Animal Biotechnology, Nutrition, Public Health And Hygiene, Nutrition and Excretion, Respiration and Circulation, Control and Coordination of Life Processes, Locomotion and Reproduction, Cell Biology, Endome,brane System and Biomolecules, Haematology and Immunology, Histology, Toxicology, Pathology and Biostatistics, Taxonomy – Chordates and Type Study, Physiology and Tissue Culture.

## 11. Other Innovative Activities: :

- Interested in new Research in Molecular Biology, Biochemistry and Cytogenetic
- One Design Patent on **Device to Detect and Display Animal Physiology.**

## 12. Name of the Journals/Books in which papers are published:

- **Shaikh Nusrat Jahan** and Nisar Shaikh. Study on toxicity of different concentration of household detergent tide on oxygen consumption of fresh water fish *Lepidocephalichthyesthermalis*. **World Journal of Pharmaceutical Research, 2019. 2: 685-692.**

- Tasmi Ansari, **Shaikh Nusrat**, Kamran Abbas, Moses Kolet and Anis Choudhery. Agaricusbisporus: A potent clean bioaccumulation technology for a healthier and sustainable environment. **European Journal of Biomedical and Pharmaceutical Sciences**, 2018. 4:658-660.
- **Shaikh Nusrat Jahan** and Nisar Shaikh. Impact of heavy metal cadmium on protein metabolism in fresh water fish *Oreochromis mossambica*. **Ajanta**, 2018, 1:121-130.
- Tasmi Nasim and **Shaikh Nusrat**. Evaluation of removal of Heavy Metal Lead (Pb) using Fruit peel as a Bio-adsorbent from Aqueous Water for Sustainable Environment. **Special Issue of Internatioanal Scholarly Research Journal for Multidisciplinary Studies**. 2018, 1: 655-660.
- **Shaikh Nusrat** and Tasmi Nasim. The Effects of Cadmium on Levels of Carbohydrates in the Muscle Tissues of Fresh Water Fish *Oreochromis Mossambica*.**Special Issue of Internatioanal Scholarly Research Journal for Multidisciplinary Studies**. 2018, 1: 606-610.
- **Shaikh Nusrat Jahan**, Sayyada Shaikh and Nisar Shaikh. Quality assessment of physicochemical parameters for various packaged drinking waters. **European Journal of Biomedical and Pharmaceutical Sciences**, 2017, 8: 670-673.
- **Zeba Nasir, Abad Ali, Md. FazleAlam, MohdShoeb and Shaikh Nusrat Jahan**. Immobilization of GOx Enzyme on SiO<sub>2</sub>-Coated Ni–Co Ferrite Nanocomposites as Magnetic Support and Their Antimicrobial and Photocatalytic Activities. **ACS Omega** 2021, 6, 33554–33567. <https://doi.org/10.1021/acsomega.1c04360>. ACS (American Chemical Society) Publication.

### 13. Participation in National/International One Week-duration Workshops/Webinar:

- Participated and presented Poster on “Quality assessment of physicochemical parameters for various packaged drinking waters” in Avishkar Research Convention: 2016-2017, held at SIES College of Commerce and Economics, on 19<sup>th</sup> Dec, 2016, University of Mumbai.
- Participated in One Day “Workshop on Bioinformatics” held on 6<sup>th</sup> August, 2016 organized by IQAC, Department of Biotechnology & Microbiology, B.N.N. College in Collaboration with University of Mumbai.
- Participated and presented poster on “Effect of SLS (Sodium Lauryl Sulfate) on liver and gills of *Tilapia mossambica* fish” in Two Days National Symposium and Hands-on-Training on ‘Foldscope-Magnify your Curiosity’ under DBT-Foldscope Project organized by K.M.E. Society’s G.M.Momin Women’s College, Department of Biotechnology, IQAC

and K.I.H.E. Society's Maharashtra College of Arts, Science and Commerce, Department of Botany, held on 17<sup>th</sup> and 18<sup>th</sup> September, 2019.

- Participated in One Day National Level Webinar on “Current Trends in Industrial Relations” Organized by KLE Society's Science and Commerce College, Kalamboli, Department of Commerce, held on 26<sup>th</sup> February, 2022.
- Participated in National Webinar on “In Spirals of Algae” organized by New Educational Society's Arts, Commerce and Science College, Lanja, IQAC and Department of Botany, Mangrove Society of India (MSI), Goa, on World Wetland Day, held on 2<sup>nd</sup> February, 2022.
- Participated in International Webinar on “Empowering Diversity in Science (GWB-2022)” Organized by Department of Chemistry, Kamla Nehru Mahavidyalaya, Nagpur, Association of Chemistry Teachers (ACT) Mumbai and Department of Chemistry, Kalasalingam Academy of Research and Education (KARE), Krishnankoli in collaboration with International Union of pure and applied chemistry (IUPAC), Global Women's Breakfast – 2022.
- Participated in a National Webinar on “Legal Dimensions of Intellectual Property Rights” organized by IQAC and Research Promotion Committee, Deccan education Society's, Kirti M. Doongursee College of Arts, Science and Commerce, held on 5<sup>th</sup> March, 2022.
- Participated in International Level Webinar on “English: A Catalyst for 21<sup>st</sup> Century careers” Organized by Department of English, KLE Society's Science and Commerce College, Kalamboli, held on Friday, 01<sup>st</sup> April, 2022.
- Participated in One Day National Level Webinar on “NEP 2020 – Vision for Re-Energising Indian Higher Education System” organized by IQAC of DRT's A.E. Kalsekar Degree College in Association with IQAC Cluster India on Saturday, 16<sup>th</sup> October, 2021.
- Participated in an International Level Webinar on the occasion of “International Day of Action For Rivers” organized by Department of Zoology, Maharashtra College of Arts, Science and Commerce, held on 14<sup>th</sup> March, 2022.
- Participated in “International Webinar on Chemistry Education (IWCE – 2021)” organized by Department of Chemistry, Kamla Nehru Mahavidyalaya, Nagpur, Department of Chemistry, Govt. Madhav Science PG College, Ujjain, Association of Chemistry Teachers (ACT) Mumbai held on 4<sup>th</sup> – 5<sup>th</sup> February, 2022.
- Participated in One Day National Level Webinar on “Interdisciplinary Research on Life Science: A Path Towards Sustainability” organized by the Department of Zoology and Department of Environmental Sciences, B.K. Birla College (Autonomous) Kalyan, under DBT Star Status on 10<sup>th</sup> January, 2022.
- Participated in Three Days National Level FDP on “Empowering the Faculty in Personal and Professional Skills” organized by IQAC in Collaboration with Training Cell, KLE Society's Science and Commerce College, Kalamboli from 3<sup>rd</sup> Feb to 5<sup>th</sup> Feb, 2022.

- Participated in One Day Webinar on “Intellectual Property Right: Patent and Designs” organized by IQAC and Research Committee, DRT’s A.E. Kalsekar Degree College held on Friday, 4<sup>th</sup> March, 2022.
- Participated in One Week Faculty Development Programme on “ICT Tools for Effective Teaching and Learning” from 23<sup>rd</sup> May, 2022 to 28<sup>th</sup> May, 2022, organized by Amar Sewa Mandal’s Kamla Nehru Mahavidyalaya, Nagpur.

#### **14. Participation in Conferences/Seminars/Workshops;**

- Participated in One Day National Conference on “Advances in Biological Science” held on 24<sup>th</sup> December 2014, organized by Department of Biotechnology, University of Mumbai.
- Participated and given Oral talk in “World Wetland Day Conference” on “Wetlands for our future: Sustainable development” held in January 2016, organized by Paryavaran Dakshata Mandal, under the auspices of University of Mumbai.
- Participated in One Day Multidisciplinary International Conference on “Emerging issues in contemporary India: Local and Global perspectives” on 17<sup>th</sup> March, 2018 held at A.E. Kalsekar Degree College Kausa, Mumbra, Thane, Maharashtra, India.
- Participated in One Day International Multidisciplinary Conference on “Transition and Transformation in 3<sup>rd</sup> Millennium: prospects issues and challenges” organized by Chandrabhan Sharma College of Arts, Science and Commerce (Internal Quality Assurance Cell) University of Mumbai and Indian Accounting Association [Thane Chapter] held on 7<sup>th</sup> April, 2018.
- Participated in One Day National Level Workshop on “Research Proposal Writing” organized by DRT’s A.E. Kalsekar Degree College, Research Committee in Collaboration with University of Mumbai, held on Saturday, 4<sup>th</sup> December, 2021
- Participated in One Day Multidisciplinary National E-Conference on “Challenges and Changes in Prospects of Humanities, Commerce and Management, Science and Technology” organized by Research Committee in Association with IQAC, DRT’s A.E. Kalsekar Degree College, held on 26<sup>th</sup> March, 2022.