

Name : Dr Veena Vinod

Designation : Assistant Professor

Department : Department of Zoology

Qualification : PhD

Experience : Teaching for 9 months

Research : 5Years

Area of Specialization(s) : Pollution biology

Email(OfficialID) : v_veena@psgrkcw.ac.in



Academic Qualifications

Degree	Branch	Institution/UniversityName	Year of Graduation
Ph.D.	Environmental Science	PSGR Krishnammal College for Women	2025
M. Sc.	Zoology	PSGR Krishnammal College for Women	2020
B.Sc.	Zoology	PSGR Krishnammal College for Women	2018

Additional Qualifications

Diploma/ Vocational/ Certification	Area of Specialization	Institution/University/AgencyName	Year
Certification Level	Pathology and Clinical Laboratory Techniques	PSGR Krishnammal College for Women	2016 (OGPA 8.52)
Diploma Level	Pathology and Clinical Laboratory Techniques	PSGR Krishnammal College for Women	2017 (OGPA 9.34)
Advanced Level	Pathology and Clinical Laboratory Techniques	PSGR Krishnammal College for Women	2018 (OGPA 9.36)
Certificate Course	Basic Yoga Education	Department of Yoga Science, PSGR Krishnammal College for Women	Dec 2015

Coursera-certification	COVID-19 Contact Tracing	Johns Hopkins University via	20 Aug 2021
Certificate Course	How to Publish Scholarly Books in Science and Technology	Taylor and Francis Group	22 Sep 2021

Research Publications (Indexed)

- P S Amritha, Vinod V, Harathi PB. (2022), **A critical review on extraction and analytical methods of phthalates in water and beverages**. J Chromatogr A. 2022 Jul 19; 1675:463175. Doi: 10.1016/j.chroma.2022.463175. **IF 3.8**
- Amritha, P. S., Veena, V., & Harathi, P. B. (2023), **Model Periphyton Biofilms: Biological System of Bioremediation of Synthetic Plastics**. *Microbiology*, 92(5), 686-694. **IF 1.5**
- Vinod V, Amritha, P. S., & Harathi, P. B. (2023), **A systematic review on bisphenols – Sources, health impacts, and analytical determination of bisphenol A in aqueous samples**. *Sep Sci plus.*; e2300072. <https://doi.org/10.1002/sscp.202300072> . **IF 1.5 1.9**
- Vinod, V., Amritha, P. S., & Harathi, P. B. (2024). **An *In-Silico* Approach to Unlock the Potential of Microbial Enzymes in the Degradation of Microplastics**. *Afr.J. Bio Sc.* 6(5). 5447-5465 **IF 0.15**
- Amritha, P. S., Veena, V., & Harathi, P. B. (2024). **Quantitative Estimation of Phthalates from Commercial Bottled Water**. *IJEP* 44(10): 881-888: Vol. 44 Issue. **IF 0.5**

Short Term Course

- Completed training on “**2D Animation course**”, Alpha Institute of Multimedia and PSGR Krishnammal College for Women, Coimbatore 9th – 27th Nov. 2020.
- Completed the NPTEL online course on “**Ecology and Environment**” with 76%, Indian Institute of Madras and SWAYAM, Ministry of HRD, Govt of India, August-October 2021
- Completed an “E-Short term Course on Sericulture”, Department of Zoology (Zebra Cell) and IQAC, Shri R.L.T. College of Science, Akola, 11th - 14th May 2020
- Completed an internship on ‘**Biofouling on Moored Data Buoys**, **The National Institute of Ocean Technology**, Chennai, May 2017
- Completed internship on “**Microbial Degradation of Polystyrene**”, SANGENE BIOTECH, Bangalore from 06th May – 13th June 2019
- Completed a UGC STRIDE IRCECCB-funded Visiting Fellowship, Department of Plant Science, Madurai Kamaraj University, August–October 2022; on “Isolation of Soil Fungus and Its Application in Biodegradation of Microplastics” with a grant of ₹20,000.

Reviewer in journal

- Water Resources Management – Springer
- Discover Applied Sciences

Paper Presentations in Conference

- Harathi P B and Veena Vinod (2017) “**Comparative sequence analysis of E6 and E7 proteins of Human papillomavirus (HPV) Types 6, 11, 16 and 18**”, One Day National Seminar on Current Approaches in Proteomics, Avinashilingam Institute for Home Science and Higher Education For Women, 20th December 2017.
- Veena Vinod, Tulasi. K, Vanmathi. B. (2018) “**Assessing Lead Removal from Contaminated Water Using Fish Bones**”, National Seminar on Advances in Biological Sciences Research”, Nirmala College for Women, 19th and 20th September 2018.
- Veena Vinod, Amritha P S and P B Harathi (2022) “**Impacts of Microplastic: The Ecological Influence on Soil-Plant System and Animal Health**”, International Conference on Recent Advances in Biotechnology and Environmental Sciences (ICRABES), Vellore Institute of Technology (VIT), 16-18 December 2022
- Veena Vinod, Amritha P S, P B Harathi (2023) “**Degradation potential of fungal isolates from contaminated soil: *Aspergillus niger* and *Aspergillus flavus* in biodegradation of Microplastic**”, 2nd International Conference on Emerging Contaminants in Water and Environment (ECWE-2023)”, PSG Institute of Advanced Studies, 21-22 February 2023

Participation in Conference

Total number -5

Participation in Seminars

Total Number - 3

Participation in Workshop

- Participated in a Workshop on “**Protein and Nucleic Acid quantification with Nanophotometer**”, Department of Biotechnology, Dr. N.G.P Arts and Science College, 19th February 2019
- Completed a 12-day National Online Workshop on “**Trends in Book and Journal Publishing**” Organized by Bishop Kurialacherry College for Women, Amalagiri, Kottayam, in association with Lore & Ed Research Associates from 06th - 24th Aug 2022
- Participated in a pre-conference workshop on “**Techniques for Emerging Contaminants Quantification and Impact Assessment**”, 2nd International Conference on Emerging Contaminants in Water and Environment (ECWE-2023)”, PSG Institute of Advanced Studies and Association of Global Groundwater Scientists (AGGS), 20th February 2023
- Completed a “**Bio AI- Three days of Hands-On Training in Computational Biology**”, organized by GRG BIRAC EYUVA Center, PSGR Krishnammal College for Women, Coimbatore, 12th-14th July 2023.
- Participated in Workshop on “**Introduction to Microbiome/Metagenome data analysis**” organized by Bioinformatics facility, Rajiv Gandhi Center for Biotechnology on 25th Feb 2023
- Participated in Workshop on “**Introduction to Microbiome/Metagenome data analysis**” organized by

Bioinformatics facility, Rajiv Gandhi Center for Biotechnology on 25th Feb 2023

Participation in Faculty Development Programme

- Attended KCW-TLC FEP Module 11 on "Integration of Technology in the Teaching-Learning Process & Technological Tools and Techniques including Digital Resources," held on 07–08 August 2025
- Completed a One-week International Online Faculty Development Program on "AI in Biological Research," organised by PG & Research Department of Zoology, V.O. Chidambaram College, Thoothukudi, from 18th to 25th August 2025.

Grants

- Principal investigator - GRG Trust Research Grant, titled “From Pollution to Prediction: Exploring Microplastic - Driven Shifts in Microbial Composition and Function” (2025-2026) – Received Funding of Rs 2,00,000/-

Indexing and Citations

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Citation- 59

Contribution

- Department Coordinator DST Curie Project