



YAZHINI K

ASSISTANT PROFESSOR

Contact

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Education

2023 - 2025

Master of Science - Microbiology

Alagappa University

CGPA 7.98

2020 - 2023

Bachelor of Science - Microbiology

P.K.N Arts & Science College

CGPA 9.09

2020

Higher Secondary

P.K.N Girls Higher Secondary School

Laboratory Skills

- Microbial culturing
- Staining techniques
- Molecular biology techniques
- Biochemical & Analytical Techniques
- Aseptic technique
- Contamination control
- Biofertilizer formulation
- Microencapsulation

Language

- English
- Tamil

About Me

Dedicated and enthusiastic person with a strong academic background, passionate about developing innovative, eco-friendly microbial technologies and translating scientific ideas into practical applications. Actively contributes to academic learning spaces by mentoring students.

Experience

2025 - Present

Sourashtra College (Autonomous)- Madurai

Assistant Professor - Microbiology

- Delivering lectures in microbiology & Biochemistry.
- Conducting and supervising laboratory practical sessions in microbiology
- Mentoring students for scientific activities such as Exhibitions, Poster presentation, laboratory demonstrations

Project

Alginate encapsulated biochar incorporated with plant growth promoting bacteria as effective biofertilizer for sustainable agriculture

Workshop

- Attended two days workshop on **Bioinformatics : Tools & Techniques** at Sri Kaliswari college
- Attended one day **Mushroom cultivation** program at Agriculture college and Research Institute, Madurai.

Internship

VJ Biotech, Coimbatore, India - Conducted training course on Bio-pharma techniques and Nanotechnology.
May 20, 2024-June 08, 2024

Academic Event Coordination

Organizing Secretary

A One day Hands-on Training on The Science of Clean : Crafting Natural Soaps for Body & Home (12th March 2026), Sourashtra College (Autonomous), Madurai.

Co-Organizing Secretary

National Science Day : Science in everyday life (12th March 2026), Sourashtra College (Autonomous), Madurai.

Co-Organizing Secretary

A One day International Seminar on " From Proteins to Replication Organelles: Understanding RNA Viruses Through Structural Biology" (17th Feb 2026), Sourashtra College (Autonomous), Madurai.

Co-Organizing Secretary

Miczaubar 26" (13th Feb 2026), Sourashtra College (Autonomous), Madurai.

Co-Organizing Secretary

A One day National Level Seminar on " "R&D Strategies Behind Global Acceptance of Indian Spices" (20th Jan 2026), Sourashtra College (Autonomous), Madurai.

Organizing Committee Member

A One day International conference on Innovation - Advances in Biological Sciences (IABS - 2025); (28th Aug 2025), Sourashtra College (Autonomous), Madurai.

Certifications

- Certified in CANVA ESSENTIALS, GRAPHIC DESIGN ESSENTIALS, WORK SMARTER WITH AI
- Certified in MS Office in Aptech Computer Education
- Certified in JUNIOR & SENIOR GRADE TYPEWRITING ENGLISH and JUNIOR GRADE TYPEWRITING TAMIL in FIRST CLASS in the Government Technical Examinations of Commerce Subjects.

NPTEL Course

- Successfully completed the NPTEL course - **Cell Culture Technologies** with a consolidated score of 63%, conducted by IIT Kanpur, (8 week course, Aug-Oct 2023)