RASMA ABDUL RASHEED

MICROBIOLOGY EDUCATOR | ASSISTANT PROFESSOR

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PROFESSIONAL PROFILE

Microbiology postgraduate and educator with experience across higher education, school teaching and bacteriology. Combines subject knowledge with teacher-training qualifications, strong English communication and a student-centred approach. Qualified in CSIR-UGC NET (PhD-only category, 2026), with additional training in food safety, HACCP and contemporary teaching practices.

PROFESSIONAL EXPERIENCE

Assistant Professor – Microbiology

Pazhassiraja College, Pulpally, Wayanad | Present

Teaching undergraduate/postgraduate Microbiology and supporting academic activities.

Bacteriologist

Kerala Water Authority, Wayanad | Jan 2020 – Dec 2020

Worked in bacteriology within a public water-supply laboratory setting.

Science Teacher

WMO English Academy, Muttil, Wayanad | Sep 2019 – Dec 2019

Science / EVS / English Teacher

KEYPEES International School, Kunnambetta, Wayanad | Jun 2016 – Jul 2017

EDUCATION

M.Sc. Microbiology — Pazhassiraja College, Pulpally | University of Calicut | 2019 | 81%

B.Ed. – Natural Science — IES Training College, Thrissur | University of Calicut | 2016 | 82%

B.Sc. Microbiology — St. Mary's College, Thrissur | University of Calicut | 2010 | 85%

Higher Secondary (Class XII) — Sir Syed English School, Pavaratty, Thrissur | CBSE | 2007 | 85%

Secondary (Class X) — Sir Syed English School, Pavaratty, Thrissur | CBSE | 2005 | 91%

QUALIFICATIONS & CERTIFICATIONS

• CSIR-UGC NET, 2026 – PhD-only category (47.5%)

• CTET, 2016 – Category I: 82%; Category II: 76%

• KTET, 2016 – Category II qualified

• Advanced Food Hygiene and HACCP-based Food Safety Management System (ISO 22000) training

RESEARCH & ACADEMIC ENGAGEMENT

• Presented a paper: "Prevention of mastitis using traditional herbalism from Wayanad District, Kerala" at Frontiers in Bioscience, SNGIST Arts and Science College, 2017.

• Participated in national/international seminars and workshops on microbial diversity, bioremediation, biological sciences, biofertilizer production, food adulteration and public-health surveillance.

FACULTY DEVELOPMENT & PROFESSIONAL TRAINING

• National-level FDP: Outcome-Based Education and Generative AI in Teaching and Research – A grade (2025).

• FDP: Advances in Research Methodology – AI Tools, Techniques and Publication Practices (2025).

• FDP: Reignite Moodle LMS – Strategies for Engaging Students and Streamlining Workflow (2025).

• FDP: Navigating AI Tools in Higher Education (2025).

• Basic Life Support training, DM WIMS Medical College and Hospital (2017).

CORE SKILLS

Microbiology teaching and student mentoring • English communication and stage compering • Team leadership and event coordination • Microsoft Office, internet tools and basic HTML/C++ • Creative activities: painting and craft work

LANGUAGES

English | Malayalam | Hindi | Tamil