



**Mrs. Rohini Adepwar**

**M.Sc. Microbiology, PhD Scholar**

Academic Coordinator, Dr. D. Y. Patil School of Allied Health Sciences  
Dr. D. Y. Patil Vidyapeeth, Pune (Deemed to be University)  
Sant Tukaram Nagar, Pimpri, Pune 411018

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Mrs. Rohini Adepwar is a seasoned academic professional and biomedical researcher with over 15 years of experience spanning higher education, clinical diagnostics, and translational research. She offers strategic leadership in academic affairs, including curriculum development, faculty coordination, program quality assurance, and impactful classroom teaching. Her pedagogical approach is grounded in outcome-based education and student-centered methodologies, with a strong emphasis on UGC-aligned program delivery, development of practical skillsets, holistic student mentoring, and academic counselling aimed at strengthening technical competencies and supporting overall student success.

She has extensive research experience at ICMR–National AIDS Research Institute focused on public health surveillance and biomarker validation studies involving HIV, HCV, and nutritional biomarkers. She demonstrated expertise in sample processing (Dried Blood Spots), immunoassays, equipment calibration, and quality control under GCLP and NABL (ISO 15189) standards. She played a central role in laboratory operations, development of SOPs, EQAS reporting, and the use of advanced analyzers.

In her role as a Subject Matter Expert and e-Tutor (Biology), she supported international e-learning platforms by delivering content solutions, evaluating lab assignments, and mentoring students virtually. Earlier in her career, she served as a Lecturer in Microbiology, where she integrated theoretical teaching with hands-on laboratory sessions and organized academic enrichment activities such as workshops and seminars.

Her research has appeared in multiple peer-reviewed journals, and she actively takes part in both national and international scientific conferences. She holds numerous professional certifications in clinical research, laboratory quality systems (ISO 15189), DNA technologies, and tissue culture. She is also a dedicated Life Member of the Microbiologists Society of India.

With a commitment to academic excellence, research integrity, and student empowerment, she continues to contribute meaningfully to the advancement of allied health sciences.