

Information for profiling

Basic Info.	<p>Name: Anuja Madhekar Designation: Assistant Professor Department: Microbiology E-mail: anuja.oke@fergusson.edu</p> <p>Work experience (in years) Teaching: 10 Industrial: NA Research: 2.5</p>
Personal Profile	<ul style="list-style-type: none">• Seasoned teaching professional with nine years of experience in teaching undergraduate and post-graduate courses in Microbiology• Can deliver first class learning experience through well-balanced mixture of classroom & laboratory sessions• Actively participates in continued learning through conferences and workshops• Believes in students' abilities to learn and help connect them to learning modalities that incite their interest in the subject• Actively works to encourage students in achieving their academic goals & transform lives• Inclined towards science communication• Volunteering as communication officer for Biopatrika-science community focused on connecting various aspects of Indian Science
Course(s) Taught	<ul style="list-style-type: none">• Fundamentals of Microbiology• Bacteriology• Bacterial Genetics• Immunology• Molecular Biology• Virology
Field of specialization	Microbiology
Education Qualifications (upto Graduation)	M.Sc NET

Professional Membership	Life Member of Association of Microbiologists of India
Employment History	<p>1. Assistant Professor July 2012 till present Fergusson College (Autonomous) Pune</p> <p>2. Junior Research Fellow April 2010 to July 2012 Agharkar Research Institute Pune</p> <p>Worked as Junior Research Fellow at Centre of Nanobiosciences, Agharkar Research Institute Pune as Junior Research Fellow on DBT funded project in the area of ‘Application of nanobiotechnology in the field of agriculture’</p> <p>3. Junior Research Fellow October 2009 to March 2010 Indian Institute of Technology Bombay</p> <p>Worked as Junior Research Fellow at the Department of Chemical Engineering, Indian Institute of Technology Bombay. My role was to carry out the literature survey and write the research proposal to the government funding agency</p>
Publications	<p>Madhekar, Anuja. (2020). Polio Endgame: How India Beat the Monster. Resonance. 25. 1753-1761. https://doi.org/10.1007/s12045-020-1095-7</p>
Participations in Conferences/Seminars/Symposia/Workshop	<ul style="list-style-type: none"> • Participated in the National Seminar on ‘Implementation of Multi and Trans – Disciplinary Education under NEP 2020’ from 18th – 20th January 2023 organized by Fergusson College (Autonomous), Pune • Online Faculty Development Program organized by SRTM University Nanded, ICT Tools for Effective Teaching and Learning 2020 • Participated as an organizing committee member in DBT sponsored National level conference on “Modern Analytical Techniques in Microbiology” at Department of Microbiology, Fergusson College Pune.

	<ul style="list-style-type: none"> • Participated in the workshop on Molecular Biology (X-pert Teaching kits) organized by HiMedia Laboratories Pvt Ltd • Participated in the AMI-ASM Workshop on Art of Science Communication organized by Association of Microbiologists of India Pune Unit and American Society for Microbiology, USA • Participated as an Organizing committee member for Poster presentation competition for Post graduate students organized by Association of Microbiologists of India Pune Unit and Department of Microbiology, Fergusson College Pune • Participated in the “Teachers Training Program” held under UGC-CPE Model for Arts and Science Teachers program at Fergusson College, Pune • Presented a paper at a National Workshop “Recent Trends in Applied Statistics: An Interdisciplinary Approach” organized by Department of Statistics, Fergusson College Pune • Participated in a workshop “Virovitals-2013” organized by Haffkine Institute for Training, Research and Testing, Mumbai • 1st prize for Poster Presentation at Association of Microbiologists of India (AMI) Conference 2009 at Pune in 2009.
Event Organized/Conference/ Seminar/ Workshops coordinated	<ul style="list-style-type: none"> • Organized a poster – making competition on the theme ‘Nutraceuticals’ on the occasion of National Science Day 2023 for the students of Life Sciences of Fergusson College (Autonomous), Pune • Organized an event ‘Campus – to - Company’ under Sookshm, the Microbiology club of Department of Microbiology, Fergusson College (Autonomous), Pune on 8th – 9th February 2023 • Organized an online lecture series on Bioinformatics: Phylogeny, Next generation Sequencing and cheminformatics’ under UGC – Stride 25th July – 29th July 2022 • Organized the inauguration ‘Sookshm’ the Microbiology Club of Department of Microbiology, Fergusson College (Autonomous), Pune on 6th April 2022 • Organized Innovision 2021

	<ul style="list-style-type: none"> • Organized Poster presentation competition for Post graduate students organized by Association of Microbiologists of India Pune Unit and Department of Microbiology, Fergusson College Pune • Organized DBT sponsored National level conference on “Modern Analytical Techniques in Microbiology” at Department of Microbiology, Fergusson College Pune • Organizing field trips, site visits and guest lectures • Coordinating events such as department festivals, oration series, conferences and workshops • Organizing workshops & lecture series for school students to introduce the discipline of Microbiology via DBT Star College Scheme
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