

Information for profiling

Basic Info.	<p>Name: Mrs. Meghana Sachin Kulkarni Designation: Assistant Professor and Head Department: Microbiology E-mail: meghana.kulkarni@fergusson.edu</p> <p>Work experience (in years) 24 years Teaching: 22 years full time 2 years CHB Industrial: Nil Research: 3 years as Project assistant</p>
Personal Profile	<p>Passed M.Sc Microbiology in 1998 from Pune University. Teaching experience of 24 years. Involved in teaching UG and PG students in the core areas of Biochemistry, Enzymology and organization of living systems. Worked as lecturer/Assistant Professor in various institutions. Since November 2011 working as Head, Department of Microbiology Fergusson College (Autonomous)</p>
Course(s) Taught	<p>Enzymology, Immunology, Genetics and Recombinant technology at UG. Biochemistry, Microbial Metabolism, Biostatistics and Developmental Biology at PG level</p>
Field of specialization	Enzymology and Biochemistry
Education Qualifications (upto Graduation)	B.Sc ,M.Sc,(Microbiology),SPPU
Awards, Honors	NET Life Sciences in 1999
Professional Membership	Life Member of Association of Microbiologists of India
Employment History	<p>Aug.1998-Nov.1998 PES's Modern College, Ganeshkhind Ad. Hoc faculty Nov.1998-March 2001 CSIR-National Chemical Laboratory Biochemical Sciences Division Project Assistant II 2001-2006 MES's Abasaheb Garware College, Department of Microbiology First as CHB faculty and from 2004 as a full time faculty on FIP 2006- till date Assistant Professor and Head (since Nov 2011), DES's Fergusson College Department of Microbiology, (Autonomous), Pune.</p>

Research	2011-13- BCUD funded project on “Increase in ethanol tolerance of yeast” completed.
Publications	<p>1. Alkaliphilic Bacteria and Thermophilic Actinomycetes as New Sources of Antimicrobial Compounds..... 29</p> <p>Suchitra B. Borgave, Meghana S. Kulkarni, Pradnya P. Kanekar, and Dattatraya G. Naik Industrial Biotechnology: Sustainable Production and Bioresource Utilization. Apple Academic Press, New Jersey, USA / CRC Press, Florida, USA, ISBN: 9781771882699</p>
Participations in Conferences/Seminars/Symposia/Workshop	<ol style="list-style-type: none"> 1. Oral presentation in World Congress on Biotechnology, Hyderabad, March 2011 “Production of antibiotic like compounds using thermophilic actinomycetes from niche habitats” 2. Workshop for College Teachers on "Cancer Biology" to be held on 23rd august, 2014, at IISER Pune 3. “A National Workshop for Undergraduate Biology Teachers” jointly organised by Indian Institute of Science Education and Research (IISER), Pune and Department of Biotechnology, MES Abasaheb Garware College, Pune from 11th to 14th January, 2012, funded by Department of Science and Technology (DST)- <u>INSPIRE Program</u>, Government of India. 4. Participation in Two day workshop on nomenclature of Archaea & Bacteria at MCC on 9th & 10th September 2016 5. Participation in Two day international symposium on Microbial ecology& systematics at NCL on 16th & 17th September 2016
Event Organized/Conference/Seminar/ Workshops coordinated	<ul style="list-style-type: none"> • Member of Organizing Committee on Implementation of Multi and Transdisciplinary education under NEP 2020 18th to 20th Jan 2023 organized by Fergusson College, Autonomous under UGC- STRIDE Component 1 • Organized an online webinar on 30th May 2020 on the topic ‘Covid 19: Evolution, Diagnosis and Therapy’ at

	<p>Department of Microbiology, Fergusson College (Autonomous), Pune.</p> <ul style="list-style-type: none"> Organized the inauguration ‘Sookshm’ the Microbiology Club of Department of Microbiology, Fergusson College (Autonomous), Pune on 6th April 2022 Member of organizing committee for National Conference on Modern analytical techniques in Microbiology January 2014 Two day workshop on nomenclature of Archaea & Bacteria at MCC on 9th & 10th September 2016 Two day international symposium on Microbial ecology& systematics at NCL on 16th & 17th September 2016 Participated as organizing committee member for one day workshop on “Entrepreneurship-Gateway for Biologists” jointly organized by AMI (Pune Unit) and Fergusson College, Pune on 30th September 2014 Organized a Poster Competition ‘AMI Best poster Award for Master’s Students in Microbiology 2014’ held at Department of Microbiology, Fergusson College, Pune on 26th February 2014.
Additional Skills/Activities	<ul style="list-style-type: none"> Delivered a talk on Introduction to Microbiology: An interdisciplinary approach for UG students at the department of Microbiology, Siddhivinayak college, Pune Delivered a talk on An Introduction to Autonomy: WHY AUTONOMY TO WHY NOT!!at PES’s Modern College, Shivajinagar, Department of Microbiology on 18th December 2018 <p>Responsibilities at the college level:</p> <ul style="list-style-type: none"> Member Secretary Forum of Science Heads from November 2011 till November 2022 Core member for Criterion I NAAC Cycle 4