



MS. PURVI TRIVEDI
Assistant Professor (Life Sciences)
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Dept. of Life Science, School of Science

Research Interest:

- Bio remediation
- Effluent treatment
- Exploration of industrially important products by microorganism
- Antimicrobial resistance

Academic Background:

Degree	Subject	University	Year	Percentage
M. Sc	Microbiology	Bhavnagar University	1999	61%
B. Sc	Microbiology	Bhavnagar University	1997	60%
PG Diploma	Clinical Research and Data Management	Savitribai Phule Pune University	2005	“O” Grade

Professional Experience:

From	To	Position	Organization
September 2024	Till Date	Assistant Professor	GSFC University
October 2021	September 2024	Teaching Assistant	GSFC University
May 2021	January 2022	Visiting faculty	GMD college, Nashik
June 2020	January 2022	External Auditor	HPC Pvt. Ltd, Umargam
June 2013	May 2016	Lecturer	KBS Nataraj College, Vapi
June 2008	April 2010	Assistant Professor & I/C Dept. Of Microbiology	NB Mehta College, Bordi, Maharashtra
June 2001	Feb 2002	Project Assistant	CSMCRI, Bhavnagar
June 1999	May 2001	Project Assistant	Dept. Of Life Science, Bhavnagar University

Teaching Engagements:

Title	Course Code	Class Name	School Name
Biochemistry and Metabolism	BSBO/BSMB 201	B.Sc. Biotech/Micro Sem 2	SOS
rDNA technology	BSBO402	B.Sc. Biotech Sem 4	SOS
BioAnalytical Tools	BSBO501	B.Sc. Biotech Sem 5	SOS
Bioprocess Technology	BSBO505	B.Sc. Biotech Sem 5	SOS
Microbiology	MSBO/MSIM 104	M.Sc. Biotech/IM Sem 5	SOS

Publications:

- R. Pawar, A. Patel, S. Mishra, **P. Shukla**, A. Tewari, and P. K. Ghosh. (2002). Comparison of free amino acid content in cyanobacterial species under salinity stress *Seaweed Research and Utilization*. 24 (1): 159 – 164.
- Presented a paper entitled “**Bio sequestering of Chromium from Tannery Effluent by Halophilic Cyanobacteria**” at International congress of Chemistry and Environment (16-18 Dec2001, Indore M.P.) which was published in its proceedings later.
- Poster presented at **International Conference on “Celebrating Proteins on the Birth Centenary of Dr G N Ramchandran**” organised by Dept. of Biochemistry, Faculty of Science, M.S. University titled – “**Role of water molecules at the binding site of Beta-lactamase with respect to Beta- lactamase inhibitor**” – Siddhi Darji, Purvi Trivedi, Vandan Mehta, Devjani Banerjee” **won third position** and is published in **Indian Journal of Biochemistry & Biophysics** Vol. 60, September 2023, pp. 750-755 DOI: 10.56042/ijbb.v60i9.4029.
- “**An approach to track and analyze the trend of antimicrobial resistance using python: a pilot study for Anand,Gujarat,India-May 2022-August 2023**” published in **Journal of Drug Resistance**. <https://www.liebertpub.com/doi/10.1089/mdr.2023.0057>

Awards/Recognitions:

- Awarded Paul Harris fellow by Rotary International for contributing towards betterment of society and contributing to projects worth USD 1,000
- Certification of Internal Auditor QMS ISO 9002:2015 conducted by SGS India
- Certification of HACCP Level 3 conducted by SGS India
- Certification of FSSC 22000/ISO 22000:2018 FSMS Lead Auditor by SGS India