

# Curriculum Vitae

**Purvi Trivedi**

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## **Educational Qualification, training, certification:**

B.Sc. Microbiology (1<sup>st</sup> class) from M.K. Bhavnagar University

M.Sc. Microbiology (1<sup>st</sup> Class) from M.K. Bhavnagar University

Certification in Clinical Research and Data Management (O grade) from Savitribai Phule Pune University

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

## **Experience:**

### **❖ Research**

- Worked as Project Assistant for one year at Dept. of Life Sciences, Bhavnagar University working under project titled "Microbial diversity of Bhavnagar coast" and carried out research in marine diversity
- Subsequently selected and worked as Project Assistant at Central Salt and Marine Chemical Research Institute(CSMCRI-CSRI), Bhavnagar under project "Extraction and Purification of Phycocyanin from Spirulina platensis" for a period of two years

As part of research work, I have published and presented research papers in reputed research journals

### **❖ Paper Publication/ Presentation**

- 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.
- **P. Shukla**, S. K. Sonawane, R. Pawar, S. Mishra. (2002). Effect of Biophysico-chemical factors on Biosequestering of Chromium from the Tannery Effluent by Marine Cyanobacteria *Research Journal of Chemistry and Environment* 6: 43 -47.
- 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.)

### **❖ Academic**

- Worked as lecturer and In-Charge Dept. of Microbiology at N. M. Mehta science college, Bordi, 2008 to 2011. As a newly established department I was assigned task to design

microbial Lab, procuring instruments, chemicals and glassware etc. Basically I converted a permission on paper into fully functional department.

- Worked as lecturer in Department of Medical Technology and Microbiology at KBS college, Vapi 2013 to 2016
- Currently, I am visiting lecturer at both above colleges and also working with **cosmetic and food industries from our area as consultant** for their microbial policy work and trainer for HACCP.
- Also visiting faculty at GMD Arts, science and commerce college, Sinnar, Nashik.

#### **Sufficient Efficiency :**

- All Microbial techniques including Pure culture isolation, Identification, maintenance, Preservation, MIC count, Biochemical testings etc.
- Immunological Techniques including Gel Electrophoresis, ELISA, Biochemical tests, PCR, DNA/RNA isolation, Northern blotting etc
- Got training in Molecular medicine & Genetics under Dr. Dhanu Sarnath, Molecular medicine Dept. **Jaslok Hospital**, Mumbai

#### **Instruments Operated :**

AAS(Atomic Absorption Spectro), HPLC, Gel Electrophoresis

#### **Language and Communication skills:**

- Proficient in English, Gujarati, Hindi.
- Basic understanding and verbal communication in Marathi
- Knowledge of MS-Office
- Cleared TOFFEL and IELTS with excellent score

#### **Extra-Curricular Achievements:**

Besides academics, I am avid reader, quiz master, bird watcher, trekker and educationist.

Reference can be provided upon request.