



Dr. Pallavi Chandrakant Kale

Assistant Professor | Chemical Engineering
P. V. P. Institute of Technology, Budhgaon
[personal website \(if any\)](#)

Objectives

To obtain a position as Assistant Professor in Chemical Engineering where I can integrate my doctoral research expertise in adsorption and biotechnological approaches with teaching, guiding students and contributing to cutting-edge research and academic development.

Expertise

- Adsorption Techniques for Wastewater Treatment
- Bioremediation using Microorganisms (Azospirillum, Trichoderma)
- Hybrid Treatment Systems (Biological + Nanoparticles)
- Kinetic and Isotherm Modeling
- Origin / Excel for Data Analysis
- Statistical and Kinetic Modeling
- Environmental and Sustainable Engineering

Competency

- Expertise in adsorption and wastewater treatment technologies
- Research methodology and experimental design
- Data analysis, kinetic and isotherm modeling
- Statistical tools and experimental optimization
- Laboratory instrumentation handling

IPR

Experience: 7 Years

Assistant Professor • Chemical Engineering • PVPIT Budhgaon
07/08/2018– Till Today

- Academic monitoring for chemical engineering department
- NSS coordinator for chemical engineering department
- Unnat Bharat coordinator for chemical engineering department
- Spoken tutorial by IIT Bombay coordinator for chemical engineering department

Sunshine Fine chemsol india pvt. Ltd.pune, Maharashtra. – 6 month Experience in R & D

Bharati Vidyapeeth Deemed University Pune – 1 year Teaching Experience

Education:

Ph. D. • 23/04/2026• Bharati Vidyapeeth Deemed University,Pune

Successfully earned Ph. D. in Chemical Engineering at Bharati Vidyapeeth Deemed University,Pune, from college of Engineering BVDU pune Research Center.

M. E. / M. Tech. • June 2018 • bharati vidyapeeth deemed university,pune

Earned the Master's Degree in Chemical Engineering from college of Engineering BVDU pune with first class.

B. E. / B. Tech • MAY 2014 • PVPIT Budhgaon, Sangli

Earned the Bachelor's Degree in Chemical Engineering from PVPIT Budhgaon, Sangli with first class.

Other Responsibilities:

Patents: ____
Copyright: ____

Papers/Publications

- International Journals: 4
- National Conferences: 2

STTPs/FDPs

- Two Week :
- One Week : 3

Project Guided

- UG: 8
- PG:



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Linked in Profile link