

# PRIYA VIJAYKUMAR MANE

CHEMICAL ENGINEER

 priyamane1803@gmail.com  9326018262  Bhandup, Mumbai

## OBJECTIVE :

B.Tech Chemical Engineering student from PVPIT College, Sangli, seeking a full-time role in the chemical or process industry to apply technical knowledge and practical skills while contributing to organizational growth.

## EDUCATION :

### Graduation

SEM	1	2	3	4	5	6	7	8
SGPA	5.81	6.11	6.34	6.46	6.17	6.73		
CGPA	5.83	5.97	6.23	6.40	6.19	6.29		

### Higher Secondary & Secondary

YEAR	DEGREE/EXAMINATION	INSTITUTION/BOARD	CGPA/PERCENTAGE
2022	Class XII	MAHARASHTRA STATE BOARD	51.17%
2020	Class X	MAHARASHTRA STATE BOARD	82%

## EXPERIENCE :

- Research Intern - ICT Mumbai – Department of Oil Oleochemicals & Surfactant Technology.  
(18 July 2025 - 25 August 2025)
- Assisted in surfactant and oleochemical research, focusing on extraction and synthesis.
  - Operated Soxhlet extractors, rotary evaporators, and vortex mixers.
  - Supported PhD students in experiments, data collection, and reporting.
  - Gained hands-on experience with lab and industrial-scale equipment.
- Industrial Intern - Rashtriya Chemicals and Fertilizers Ltd. (RCF,Mumbai), Urea Plant.  
(9 July 2024 - 2 August 2024)
- Studied the industrial manufacturing process of urea from ammonia and carbon dioxide, including synthesis, stripping, and prilling operations.
  - Gained practical insights into process control, safety, and plant optimization.

## PROJECTS :

- Dye Wastewater Treatment: A Green Revolution – Mini Project-2025
- Studied eco-friendly methods for treating dye-contaminated industrial wastewater.
  - Used natural adsorbent as Activated Charcoal.
  - Applied basic concepts of adsorption and environmental chemistry.
  - Focused on sustainable water treatment techniques for pollution control.
- Bioplastic from Potato Starch – Mini Project-2024
- Synthesized biodegradable plastic film from natural starch and plasticizers.
  - Analyzed flexibility and biodegradability of the plastic film.
  - Promoted sustainable alternatives to synthetic plastics.

## **EXTRA CURRICULAR :**

- Participated in the National Level Technical Event “TECH-SYMPHIUMM-2024” at DKTE Institute.
- Participated in the workshop on “Mastering Effective Communication Skills” at PVPIT Institute.
- Participated in the “SMART INDIA HACKATHON -SIH 2024” at PVPIT Institute.
- Volunteer in National Level Technical Event “NIRMITI-2023”. at PVPIT Institute.

## **SKILLS :**

- Proficient in MS Office Suite – Word, Excel, PowerPoint.
- Basic technical Documentation & report writing.
- Strong Team collaboration, Adaptability and Time Management.
- Quick learner with a Positive attitude.