



# Sarvesh Pratim Gavand

BE CHEMICAL ENGINEERING

**Seeking an entry-level chemical engineering position where I can apply my strong foundation in thermodynamics and process optimization to support innovative manufacturing processes and contribute to a dynamic engineering team.**

✉ sarveshgavand5005@gmail.com

📍 Kaviltali, chiplun

🌐 [linkedin.com/in/sarvesh-gavand-a04617296](https://www.linkedin.com/in/sarvesh-gavand-a04617296)

📞 7385675398/7972159313

📅 11 December, 2002

## EDUCATION

### CHEMICAL ENGINEERING WITH HONOURS IN WASTE TECHNOLOGY

Finolex Academy Of Management And  
Technology, Ratnagiri. (Mumbai University)

2020 - 2024

### Higher Secondary Certificate

R.C.KALE. Junior college, Chiplun

2018 - 2020

Percentage - 64 %

### Secondary School Certificate

Christ Jyoti Convent High School, Chiplun

2018

Percentage - 87.80%

## WORK EXPERIENCE

### Internship

Vinati organics limited

06/2022 - 07/2022

Lote, Ratnagiri

Tasks

- 1) Acquired Understanding Of Various Safety Elements.
- 2) Develop critical thinking and problem-solving skills.
- 3) Study various chemical reactions involved in product synthesis.

### Internship

Excel Industries limited

12/2022 - 01/2023

Lote, Ratnagiri

Tasks

- 1) Learning day-to-day operations of chemical plants, including equipment handling and safety protocols.
- 2) Learning about hazard analysis, risk assessments, and safety management systems.
- 3) Understanding waste treatment and management practices in the chemical industry.

## ORGANIZATIONS

• Worked As Secretary In 2024 A.C.E.S Committee in College.

• Worked As Member in 2023 A.C.E.S. Committee in College.

## SKILLS

1) Competent in MS Office Package (Excel, Word, Powerpoint).

2) Proficient in Simulation software such as Aspen Plus, DWSIM.

3) Strong verbal and written communication skills for presenting ideas and findings.

## PERSONAL PROJECTS

### 1) Simulation Of Pressure Swing Distillation Process For Separation Of Ethanol And Toluene

- Process swing distillation is a versatile and effective technique for separating ethanol and toluene, particularly useful for overcoming azeotropic limitations. Its successful implementation relies on sophisticated simulation and control strategies to optimize the process and ensure consistent product quality.

### 2) Conversion Of Plastic Waste To Fuel By Pyrolysis.

- Pyrolysis is a thermochemical process that decomposes organic materials, such as plastic waste, into valuable products like fuel, using heat in the absence of oxygen. This technology addresses environmental concerns by converting plastic waste into useful energy resources.

### 3) Waste Water Treatment (ETP PLANT).

- Implement best practices for handling hazardous chemicals, preventing spills, and minimizing environmental impact. Ensure adherence to environmental regulations and permit requirements governing wastewater discharge.

## CERTIFICATES

1) Workshop on 'Hydrodynamics Of Packed Column'

## LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Marathi

Full Professional Proficiency

## INTERESTS

Chemical Safety

Thermodynamics

Simulation Software

Transport Phenomena