

# Rohit Shingwekar

Chemical Engineer

An enthusiastic engineering fresher who is a self starter and capable to use technical skills for the betterment of the organization

✉ rohit.shingwekar@gmail.com

☎ +91 8378841582

📍 Pune, India

## EDUCATION

### B.E Chemical Engineering

Sinhgad College of Engineering (affiliated to Savitribai Phule Pune University)

08/2018 - 08/2022

8.09 CGPA

### Post Graduation Certification Program in Process Engineering and Simulation (appearing)

Asian Academy of Professional Training Pvt. Ltd.

07/2022 - 01/2022

Pune

Courses

- Introduction to Process Engineering, Steam Engineering, Fluid Handling, Distillation, Overview on CIP system Evaporation, Pumps, ZLD, Costing & Process Economics

### H.S.C

Dr. Kalmadi Shamrao Junior College

2017 - 2018

62.15%

### S.S.C

Dr. Kalmadi Shamrao High School

2015 - 2016

85.20 %

## WORK EXPERIENCE

### Industrial Training

Vishay Components India pvt. ltd

07/2021 - 08/2021

Pune

Vishay is one of the worlds largest American manufacturer of electronic components having its plant at Loni Kalbhor Pune

Tasks

- Worked at Chemicals and Materials Testing laboratory
- Worked at manufacturing dept. for various chemicals, lacquers, paints and protective coatings
- Testing of paints for properties like Viscosity, solid content, shade, Grinding on Hegman gauge and solvent resistance
- Observed working of machines e.g Ball mill, Attritor and Sand Mill for paint preparation
- Checked the working of Solvent Recycler Machine
- Observed the component manufacturing process as per process flow diagrams, work instructions, control charts and process parameters
- Learned testing of raw materials eg: pigments, resins and industrial solvents at laboratory

## SKILLS

MS Excel

MS Word

MS Powerpoint

Project Management

Process Engineering

Development of Process Flow Diagrams and P & ID

Utility System Sizing

Basic Engineering Package

## PROJECTS

### Extraction of Bioactive Compound Curcumin From Turmeric

- Curcumin — a yellow pigment found primarily in turmeric (a flowering plant of the ginger family best known as a spice used in curry) — is a polyphenol with anti-inflammatory properties and the ability to increase the amount of antioxidants that the body produces.
- Carried out the extraction process of Curcumin with the help of Soxhlet extraction process, a widely accepted conventional method of extraction.

## MINI PROJECTS

### Electronic Waste and its Treatment Technologies

Overview on Electronic and various Engineering Materials, ROHS (Restriction of Hazardous Substances) and REACH (Registration Evaluation Authorization and Restriction of Chemicals)

### Applications of nanotechnology in petroleum refining

Case Study on role of nanotechnology in the manufacturing of various petroleum and petrochemical products.

## CERTIFICATES

Petroleum Refining- Complete Guide To Products And Processes: (Udemy)

Petrochemicals- Complete Guide to Process & Industry (Udemy)

Oil and Gas Industry Operations and Markets: (Coursera)

Supply Chain Management : Inventory management and Control : (Udemy)

Matlab Onramp : (Mathworks)

Air Pollution a global threat to our health :( Coursera)

Nanotechnology, A maker's course : (Coursera)