



Rohit Shingwekar

Chemical Engineer (Process)

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

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☎ 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

PG Diploma in Process Engineering and Simulation (appearing)

Asian Academy of Professional Training Pvt. Ltd. (Ongoing)

01/2022 - Present

Pune

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 Kalbhori 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

Material Science: 10 Things Every Engineer Should Know (Coursera) (07/2020)

Oil and Gas Industry Operations and Markets: (Coursera) (08/2022)

Supply Chain Management : Inventory management and Control : Udemy (10/2021)

Matlab Onramp : Mathworks (11/2021)

Air Pollution a global threat to our health : Coursersa (08/2020)

Nanotechnology, A maker's course : Coursera (08/2020)