

CURRICULUM VITAE

PRIYADARSHANI DNYANESHWAR DHAWALE

B.E. Chemical Engineering (1st Class)

Shivajirao S. Jondhale College of Engineering, Dombivali (E)

Email :priyadhawale1495@gmail.com

Contact: 9158788384

Education

- B.E. Chemical Engineering,
Shivajirao S. Jondhale College of Engineering, Dombivali (E) 2013-2017
CGPA- 7.42/10
- H.S.C. Maharashtra State Board 2013
Marks - 71.00 %
- S.S.C. Maharashtra State Board 2011
Marks -94.18 %

Area of Interest

- Process Design Engineering and process development etc.

Technical Strengths

- Line sizing for Liquids & Gases & Pressure drop calculations
- Air Moisture Separator Calculations as per GPSA
- Control Valves Sizing & Calculations
- Breather Valves & Venting requirements as per API 2000
- PSV/PRV/RD, Pressure Setting Criteria & Relief events
- Equipment Process Datasheet, Instrument Process Datasheet
- Relevant Codes & Standards used in Chemical & Process Industry
- Pump Calculations Sizing & Datasheet
- Know about types of Valves & Applications
- Design of Heat Exchangers & Cooling Tower
- Design & Classifications of Storage Tanks
- Introduction to BFD, PFD, UFD, P&ID
- Hazardous Area Classifications (HAC)

Work Experience

- Currently working as a Process Engineer in **Pioneer Industrial Corporation**, MIDC, TARAPUR (01.05.2017 To till date). Including handling of all production activity with a preventive maintenance.
- Solvent recovery trial (R&D) batches for the development of yield and process parameter fixation and accordingly prepared the BMR etc.

Course Attended

- Process Design Engineering Course from "SB TECHNOLOGIES" Mumbai.

Technical Presentation

- The Presentation on "Compressor" at SB TECHNOLOGIES dated on 13th May 2018.

B.E. Project

- **Title of Project** :Manufacturing Of Benzyl Amine
- **No. of Participant:** 3
- **Name of Company:** Sigma solvent, M.I.D.C. Dombivali.
- **Brief Description about Project:** Benzyl amine is an organic chemical compound with the condensed structural formula $C_6H_5CH_2NH_2$. It consists of a benzyl group $C_6H_5CH_2$ attached to an amine functional group

NH₂ Benzyl amine is a primary alkyl amine. This is a clear colorless liquid. It is both a valuable intermediate for various applications and a building block for chemical synthesis. It is used in the industrial manufacture of numerous pharmaceuticals.

- **Role in the Project:** I studied the chemical and physical properties of all the components that are involved in the process, material and energy balance of each equipment along with their design. I studied PFD and P&ID of process.

Industrial Training

Completed internship from Pioneer Industrial Corporation, MIDC, BOISAR (01.11.15 to 14.01.16 & 15.04.2016 to 15.07.2016)

Equipment Handled

- Gas Chromatograph MICHRO-900 (Netel)
- Karl Fischer Titrator (Veego)
- pH Meter

Extra Curricular Activities

- Attended 'Chemtech World Expo 2017' in Mumbai and attended icon lecture on 'Leadership and Technology'.
- Attended one day workshop on 'Technical Writing' organized by Institute of Engineer in Belapur.

Computer Skills

- Well Conversant & Can handle Computer Packages/ Software. MS WORD, MS EXCEL, POWERPOINT.

Personal Details

Current Address : H.No. 145(A-1), Sahil Colony, Psthali Naka, Boisar (W),

Post-TAPP -401504, Tal-Palghar, Dist-Palghar

Date of Birth : 14 April 1995

Languages Known : English, Hindi, and Marathi

Hobbies : Reading Books, Singing and Travelling.

Declaration

I hereby declare that the above written particulars are true to the best of my knowledge & belief.

Date:

Place:

(Priyadarshani Dnyaneshwar Dhawale)