

## Mr. Ashay Ajay Shirbhate

Contact: 8975250841

Profile: B. E. Chemical Engineering

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### OBJECTIVE

Intend to work as a successful chemical engineer in a renowned organization to contribute my skills and knowledge to the relevance challenging environment that brings out best results through collective efforts.

### EDUCATIONAL CREDENTIALS

Course	Passing Year	Grade/ Percentage	Institute/College	University/ Board
<b>B.E. (CHEMICAL)</b>	2021	6.67	Bharti Vidyapeeth, Kharghar (New Mumbai)	Mumbai University
<b>HSC</b>	2016	76%	Shri Shivaji science college, Amravati	Maharashtra board
<b>SSC</b>	2014	86.40 %	Manibai Gujarathi Highschool, Amravati	Maharashtra Board

### SKILLS

- Preparation of process flow diagrams (**PFD**)
- Preparation of Process Instrumentation Diagram (**P&ID**)
- Heat and Material balance
- Line list
- Pump sizing and hydraulic calculations
- Sizing of Vessel and Tank
- Control valve sizing
- Knowledge of Column Internals and Hydraulics Designing
- Knowledge of Thermal and Mechanical Designing of Heat Exchanger
- Software proficiency: MS Word, MS Excel, MS PowerPoint

### ACHIEVEMENTS

- I have Secured 2<sup>nd</sup> rank in national level paper presentation competition (NLTPP).
- Completed the short online course of Soft skills and communication on coursera
- I have completed **MS-CIT course** from NASCOM Pvt. Ltd. In amravati
- I have completed course of **Introduction to Data Analysis Using Excel** from **Upgrad Institute**.

## PROJECTS

1. Title: “Conservation of energy in heat pump drying (2020-21)  
Understanding the energy requirement in drying and working on the various types of heat pump and their efficiencies was studied And prototype was made.
2. Title: “CO<sub>2</sub> Capturing prototype (2019)  
We have made the prototype which captures the carbon dioxide and makes use of it in various methods and processes.

## INTERNSHIPS AND TRAININGS

- Vijay Gas Industries, Ambarnath (2018) -
- Oil and Gas corporation, Sion, Uran, Panvel (2019)
- Soft skills training (29 July 2019 – 2 Aug 2019)

## EXTRA CURRICULAR ACTIVITIES

- Participated in **XhibiTech 2021**-National Level Project Exhibition Competition.
- Participated in National level technical quiz competition in **Rscience 2019** at Bharati Vidyapeeth college of Engineering.
- Participated in National level technical paper competition in **Avishkar 2021** held at ICT, Mumbai
- Presented a technical poster **on Manufacturing Of Pavement Block By Using Waste Plastic And Sea Sand in Tech post -2019** held at Bharati Vidyapeeth College of Engineering.
- Attended Chem Expo 2019 Exhibition at Goregaon.

## PERSONAL DETAILS

- ❖ Date of Birth : 5 September 1998
- ❖ Languages Known : English, Marathi and Hindi
- ❖ Nationality : Indian
- ❖ Religion : Hindu
- ❖ Permanent Address : 4A, shrimangal colony, V.M.V. road, Amravati, Maharashtra, 444604

## DECLARATION

I hereby declare that all the information provided by me in the document is true and complete to the best of my knowledge and belief and nothing has been concealed or suppressed.

Place : Ashay Ajay Shirbhate  
Date : (B.E Chemical Engg.)