



## EDUCATION

<b>Sinhgad College of Engineering</b> B.E. - Chemical Engineering   CGPA: 7.79 / 10.00	2019 - 2023
<b>KSK College beed, Beed</b> 12 <sup>th</sup>   MSBSHSE   Percentage: 84.46 / 100.00	2016
<b>Shree Chatrapati Shivaji Vidhyalaya Beed, Beed</b> 10 <sup>th</sup>   MSBSHSE   Percentage: 80.20 / 100.00	2014

## INTERSHIPS

<b>Tirumala Oil Refinery Pvt. Ltd.</b> Intern	01 Nov, 2021 - 30 Nov, 2021
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**Key Skills:** Transportation Refining Cleaning Extruding Rolling Marketing Crushing Pressing

My Winter Internship at Tirumala Oil Refinery Pvt. Ltd. has given me a wonderful industrial exposure. My learning, from the very first day at the refinery plant has been very informative and useful. During the internship I gained substantial knowledge and I got accustomed to traditional environment, got exposure to enterprise tools and got an opportunity to apply my knowledge.

## PROJECTS

<b>DESIGN AND SIMULATION OF CUMENE PLANT USING DWSIM</b> Mentor: Prof. V. H. Bankar Sir   Team Size: 2	17 Jul, 2022 - 20 Apr, 2023
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**Key Skills:** Aspen Plus Dwsim Piping Hydraulics

Cumene production process is gaining importance and so the process needs to be studied and better ideas suggested such that the production cost is reduced. With the advent of computers and simulating software like DWSIM it is possible to design and optimize a particular process. Proper design can significantly reduce production cost as well as provide make the process safe and reduce environmental hazards. The materials, unit operations and processes involved are identified. Steady state simulation is done. Each unit is taken into consideration and the variables are optimized.

<b>Edible Oil Processing</b> Mentor: Dr. S. S. Barkade Sir   Team Size: 1	02 Aug, 2021 - 21 Jan, 2022
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**Key Skills:** Refining Processing Cleaning Transportation

This project presents recent technologies involved in vegetable oil refining as well as quality attributes of crude oils obtained by mechanical and solvent extraction. crude oils like soybean, rapeseed, palm, corn, and sunflower oils must be purified or refined before consumption.

## ASSESSMENTS / CERTIFICATIONS

<b>Akshay Shrimant Choure</b> Aggregate: 81.0 / 100.0 Subjects: Simulation Software ( 81.0 / 100.0 ) Aspen Plus is a process modeling tool used for process monitoring, optimization and conceptual design, especially by chemical process industries. This is a simple course on Aspen Plus Simulation engine that will teach one how to model the most common unit operations of a chemical plant.	20 Jun, 2022
<b>Akshay Shrimant Choure</b> Subjects: DWSIM / 100.0 ) DWSIM is very simple to use and has excellent facility for flowsheeting, where one can add material and energy flow, besides various unit operations. Adding properties to input streams then lets DWSIM calculate property values of output streams.	
<b>Akshay Shrimant Choure</b> Subjects: Gas Pipeline Hydraulic / 100.0 ) Pipeline Hydraulics Simulation using Aspen Hydraulics	
<b>Akshay Shrimant Choure</b> Subjects: Shell and Tube Heat Exchanger / 100.0 ) Shell and Tube Heat Exchanger Design Using Aspen	

## PERSONAL DETAILS

**Gender:** Male

**Marital Status:** Single

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Maharashtra, India - 411041

**Emails:** akshaychoure.scoe.chem@gmail.com , akshayschoure@gmail.com

**Date of Birth:** 20 Aug, 1998

**Known Languages:** Marathi, Hindi, English

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