

SUDHANSHU CHAVAN

A chemical engineering graduate student with highly motivated and leadership skills, eager to learn new technologies and methodologies and always willing to innovate the new things which can improve the existing technologies

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Nagpur

SKILLS

- **LINE LIST**
- **LINE SIZING**
- **CONTROL VALVES**
- **PUMPS**

SOFTWARES

Tools: AutoCAD

Operating Systems: Windows 7, Windows 10, Windows 11.

Microsoft Office: Word, PPT, Excel.

PROJECTS UNDERTAKEN

- Seminar on Ammonia Production Haber Bosch Process.
- Seminar on Bio-Ethanol Production using Membrane Technology

LANGUAGES

- **English**
- **Hindi**
- **Marathi**

CAREER OBJECTIVE

With the main objective being towards satisfaction, both for myself and the company, I strive to work towards the high standards of loyalty and dedication, thereby making work a pleasure.

EDUCATION

- Sinhgad College of Engineering - Pune
Bachelor of Engineering in Chemical
Passing Year - 2021
CGPA : 7.33
- St. Paul College of Science and Commerce - Nagpur
Higher Secondary Certificate
Passing Year - 2017
Ptg : 62.46%
- Prerna Public School - Nagpur
Secondary School Certificate
Passing Year - 2015
CGPA : 8.1
- **Current:**
Ongoing **Process Design Engineering** course

TECHNICAL SKILLS

- **Line Sizing:** Liquid line size calculations, Gas line size calculations in single phase flow.
- **Pressure Drop:** Pressure drop calculations **across line**, pressure drop calculations **across valves**, Total Equivalent Length (**TEL**) calculations.
- **Control Valves:** Control Valve **Classification**, Trim Desing, **Control Valve Coefficient**, Pressure Drop Calculation **across Control Valves**.
- **Cavitation and Flashing** across Control Valve.
- **Piping Line List:** Knowledge about Piping Line List, Types of insulations, Line codes, MAWP
- **Valves:** Knowledge about types of valves, construction and Specific Use Case.