VIKAS SINGH

CHEMICAL ENGINEER

DETAILS

📞 9702391617

📍 Ghatkopar, Mumbai 400086

✉️ vikas05111999@gmail.com

in https://www.linkedin.com/in/vikas-singh-43797a189

FIELDS OF INTEREST

- Heat Transfer
- Process Control
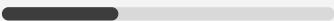- Chemical Engineering Economics

SKILLS

Aspen Plus
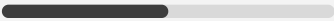
Scilab

AutCAD

Microsoft Office

HOBBIES/INTERESTS

- Stock Market Analysis
- Crypto Market Analysis
- Playing video games

PROFILE

Chemical engineering graduate passionate about the role of process engineering. Highly- capable leader, having led multiple academic projects to completion. Well-versed with various software like Aspen, Scilab and AutoCAD. Have Qualified GATE 2022.

EDUCATION

Bachelor of Engineering in Chemical Engineering   2018- present
Thadomal Shahani Engineering College
Current average CGPA is 9.41

HSC
Ramniranjan Jhunjhunwala College   2017
Passed with 80.77%

SSC
Little Flower English High School   2015
Passed with 87.80%

INTERNSHIP

Institutional Intern, Thadomal Shahani Engineering College
3 June 2019- 6 July 2019
- Gained knowledge about the design of heat exchanger.
- Learned about Buss loop reactor.
- Created a poster on various types of valves used in industry.

ACADEMIC PROJECTS

Comparative Study Between Rankine Cycle and Brayton Power Plant Cycle
- Managed a team of 8 members.
- Compared the construction and working of Steam Rankine Cycle and supercritical carbon dioxide Brayton cycle.
- Discussed about current research going on these both cycle.

Adsorption of Textile Industry Dye using Natural Adsorbent
- Created a lab scale project to treat the wastewater effluents from the textile industry using natural adsorbent.
- Generated the results based on two parameters i.e. effect of time duration keeping adsorbent dose constant and effect of adsorbent dose keeping time duration constant

COURSES

Aspen Plus V11 Masterclass from Udemy

EXTRA-CURRICULAR ACTIVITIES & ACHIEVEMENTS

- Scored 503 GATE score in Gate 2022 with AIR 673
- Participated in Chem-Triathon
- Participated in Vortex 8.0
- Participated in ChEmergence 21