

Parmar Hirenkumar Girishbhai

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Objective

A dedicated Chemical Engineering graduate seeking a Graduate Engineer Trainee position where I can leverage my skills in chemical processes, equipment design, and sustainable practices to contribute to the company's growth and enhance my professional expertise.

Education

Bachelor of Engineering (B.E.) in Chemical Engineering

Government Engineering College, Valsad | CGPA: 7.84/10 | 2024

Higher Secondary Certificate (HSC)

Arpi Science School, Muval | Score: 61.08% | 2020

Secondary School Certificate (SSC)

Arpi Science School, Muval | Score: 78% | 2018

Experience

Internship Student

TML Industries Limited | Jan 2024 - Apr 2024

- Gained comprehensive knowledge in the production of Isononanoyl chloride, including material and energy balances.
- Assisted in equipment design and operations, including the use of boilers, cooling towers, and dryers.
- Acquired hands-on experience with various chemical industry equipment.

Internship Student

Amilifesciences Pvt. Ltd. | Jul 2023 - Aug 2023

- Explored industry operations, focusing on raw material usage, safety protocols, and product formation.
- Developed a practical understanding of unit operations like drying and filtration, and worked with different batch reactors, filters, and dryers.

Skills

Technical Skills: DWSIM Software, Material & Energy Balance, Chemical Process Design

Software Skills: Microsoft PowerPoint, Excel

Soft Skills: Communication, Problem-solving, Teamwork

Projects

Extraction of Biodiesel from Waste Cooking Oil

- Focused on sustainable biodiesel production from waste cooking oil, addressing environmental and economic concerns.
- Achieved a biodiesel yield with properties comparable to conventional diesel, demonstrating the feasibility of waste oil as a feedstock.

Biodiesel Production from Plastic Waste

- Aimed to convert plastic waste into a valuable fuel source, promoting environmental sustainability.
- Successfully produced biodiesel with favorable characteristics, showcasing the potential of plastic waste as an alternative energy source.

Declaration

I hereby declare that the information provided above is true to the best of my knowledge and belief.

Place: Bharuch, Gujarat

Signature: _____