

Cindy Resita Fajariya

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I am a highly motivated Chemical Engineering graduate with a strong technical foundation in unit operations, process optimization, and materials science. Seeking opportunities as a quality control engineer, process engineer, and manufacturing engineer.

EDUCATION

Brawijaya University | Malang, East Java

Bachelor Degree in Chemical Engineering | Aug 21 – May 25

Cummulative GPA: 3.80/4

Thesis: Linear and Non-Linear Modeling of Adsorption Kinetics for Copper (II) Ion Removal Using Chitosan

Relevant Coursework: Instrumental Analysis, Physical Chemistry, Engineering Statistics

WORK EXPERIENCE

PT Gracia Indah Plastik | Tangerang, Banten

Process Engineer Intern | July 24 – Aug 24

- Optimized plant operational efficiency by conducting in-depth analysis of factory workflows and performance metrics
- Conducted mass balance analysis to monitor material losses and support waste reduction efforts
- Utilized mass balance analysis to evaluate inter-area performance differentials and provide data-driven recommendations for optimal equipment settings

ACTIVITIES

Bioprocess Engineering Laboratory, Chemical Engineering Department | Malang, East Java

Bioprocess Laboratory Teaching Assistant | Aug 24 – Dec 24

- Mentored and educated undergraduate students on core bioprocess engineering principles and advanced laboratory methodologies
- Managed and supervised the execution of complex laboratory experiments, ensuring adherence to safety protocols, and quality standards
- Assessed and graded detailed student laboratory reports, providing constructive feedback to enhance understanding of experimental design and data analysis

Korps Sukarela Universitas Brawijaya | Malang, East Java

Logistics and Inventory Staff | Dec 22 – Dec 23

- Conduct regular stock-takes to ensure accurate reconciliation between physical stock and system records
- Ensure the storage and arrangement of goods are orderly, safe, and efficient

Research and Development Staff | Jan 24 – Oct 24

- Conduct research to identify the motivations, challenges, and development needs of members
- Develop and monitor specific Key Performance Indicators to measure management performance

CERTIFICATION

- First Aid Training Certification - Indonesian Red Cross (PMI) Volunteer Corps, PMI Kota Malang, Nomor:1060/02.06.27/DIKLAT/VI/2023

SKILLS

Hard skill : Problem Solving, Critical Thinking, Data Analysis, Project Management

Technical skill : Microsoft Office, Microsoft Visio, SPSS Statistics

Language : Indonesia (Native), English (Intermediate)