



Yuliana Prasetyani

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Parit, RT:15/RW:00, Karangpelem, Kedawung, Sragen, Central Java

Fresh graduate of the Diploma III Chemical Engineering study program at Sebelas Maret University. Has experience in the fields of energy and mineral resources. I am a brave and open-minded person. I have experience in various organizations and internships, so I have good management, leadership skills and can easily adapt to a dynamic work environment.

EDUCATION

Sebelas Maret University – Surakarta, Central Java

Jul 2020 – Jul 2023

Diploma III Chemical Engineering Major, GPA 3.87 / 4.00

Final Project: Synthesis of Na-NMC Material with Combination Method as Cathode for Sodium Ion Battery.

Relevant education: Health Safety Work and Labour Law Course.

ACHIEVEMENT

Graduated on time with Cumlaude Predicate

Jul 2023

Publication of the national journal

Jul 2023

- "The Conversion of Sorghum (*Sorghum bicolor* (L.) Moench) Stem Waste into Activated Carbon by the Pyrolysis Method Using $ZnCl_2$ ", Equilibrium Journal of Chemical Engineering, Vol.7 No.2, 107-115, 2023.

WORK EXPERIENCE

PPSDM Migas – Blora, Central Java

Jan 2023

Student Intern, Refinery Department

- Evaluating the performance of the C-4 stripper based on mass balance and heat balance calculations to obtain an efficiency of 87.12%.
- Verify the instrumentation on the refinery units and obtain data from DCS and the refinery's instrumentation tools.
- Experienced in the oil and gas industry about operational processes, equipment, utilities, and fire extinguishers in the refinery unit.
- Examine the production testing laboratory's testing procedure, which includes determining the raw materials' and products' quality.

PUI-PT Teknologi Penyimpanan energi Listrik UNS – Surakarta, Central Java

Jul 2022 – Aug 2022

Student Intern, Battery Producing Industry

- Carrying out synthesis for the manufacture of NMC 622 precursors.
- Assembling NMC lithium cylindrical batteries.
- Testing and charging the lithium battery NMC.

Sebelas Maret University – Surakarta, Central Java

- Assistant of Bioprocess Practicum
- Assistant of Process I Practicum
- Assistant of Physical and Chemistry Practicum
- Assistant of Applied Physics Practicum

Feb 2023 – Jul 2023

Aug 2022 – Jan 2023

Feb 2022 – Jun 2022

Sep 2021 – Jan 2022

ORGANIZATIONAL EXPERIENCE

KADIKA SV UNS – Surakarta, Central Java

Jan 2022 – Dec 2022

Secretary and treasurer of the education and professional department

- Handling the secretariat, such as managing correspondence, proposals, preparing PowerPoint, notules, revising LPJs, as well as other documents required by the education and professional departments.
- Prepare RAB, SPJ, and files related to the finances department.
- Manage member cash and finances during one period.

KADIKA SV UNS – Surakarta, Central Java

Jan 2021 – Dec 2021

Staff of Jaringan Department

- Establish good relationships with internal and external parties KADIKA SV UNS.
- Assist in carrying out the department's job plan during one period.
- Responsible for implementing the work program, called Bina Desa KADIKA 2021.

TRAINING AND CERTIFICATION

EnerCoSS X BKKMTKI D IV

Oct 2023

- Training ISO 50001: Energy Management System
- Training ISO 14001: Environmental Management System
- Training ISO 45001: Occupational Health and Safety

ACTIVITIES AND PROJECT

Staff Liaison Officer Basic Organizational Exercises BKKMTKI D III

2021

In charge of serving as the point of contact for visitors and the organizing team.

POLIMER KADIKA

2021

Members of the creative team and disciplinary committee in leadership training activities are expected to develop new students' soft skills, such as great leadership, design thinking, and good public speaking.

PKKMB Sebelas Maret University

2020

Supervises activities to introduce the campus environment to new students and is responsible for being the operator for the 2020 PKKMB UNS student record virtual paper mob.

SKILL AND INTEREST

Hard-skill	Chemical industrial processes, chemical analysis, Microsoft Office (Word, Excel, Power Point), Google Suites, Canva, CorelDraw, Matlab, AutoCAD Plant 3D, Imagej, and Origin.
Soft-skill	Good communication skills, collaboration, problem solving, thoroughness and accuracy.
Language	Indonesia (Native), English (Elementary Proficiency).
Interest	Constraction Company, Safety Health and Environtment (SHE) division, Quality Assurance and Quality Control.