

DELA PUSPITA HANDAYANI

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PROFILE

I am a Bachelor of Science in Chemistry graduate from Universitas Negeri Semarang with a strong interest in Laboratory Analyst, Quality Control, Quality Assurance, Research & Development, Regulatory Affairs, Water Quality & WWTP. I gained valuable experience through an internship, research project and organizational activities which strengthened my analytical, problem solving, administrative and communication skills.

I am currently seeking opportunities to acquire new skills, knowledge, and hands on experience while expanding my professional network. I enjoy work that requires attention to detail, critical thinking and systematic problem solving. As a collaborative individual with a strong willingness to learn and responsible individual with strong communication skills and a passion for continuous learning.

EDUCATION

UNIVERSITAS NEGERI SEMARANG - Semarang	2021 - 2025
- Bachelor of Science in Chemistry - GPA: 3.48	
SMA NEGERI 16 BEKASI - Bekasi	2018 - 2021
Excelece Class	

PROFESSIONAL EXPERIENCE

Balai Pengujian dan Peralatan (BP2) Prov. Jawa Tengah - Semarang	
<i>Laboratory Analyst Intern</i>	Mar 2024 - Jul 2024
- Conducting pH and temperature measurements, phosphorus tests, dissolved metal analyses, manganese tests, free chlorine tests, oil and grease analyses, total suspended solids (TSS) tests, hardness tests, colorimetric analyses, ammonia tests, sulfate tests, MBAS tests, phosphate tests, fluoride tests, and nitrate nitrite tests. - Performing UV-Vis spectrophotometric measurements. - Conducting sample titrations. - Collecting wastewater samples from wastewater treatment plants and eyewash stations at BP 2 offices. - Performing field sampling at PT SGS Salatiga. - Collecting water samples from the Kaligarang River, Semarang City. - Recording the reagents and parameters used in each test in accordance with SNI standards. - Completing entries in the laboratory equipment usage logbook.	

ORGANIZATIONAL EXPERIENCES

HIMPUNAN MAHASISWA KIMIA - Semarang	
<i>Intern Staff Department of Communication and Information</i>	Oct 2021 - Jan 2022
- Distributing important information related to the Department of Chemistry. - Designing digital content and managing platforms such as Instagram, Twitter, and Facebook. - Creating visually appealing promotional pamphlets for the Department of Chemistry.	
PANITIA PKKMB - Semarang	
<i>Opening Committee Assistant (Companion)</i>	Sept 2022
- Assisting, guiding, leading, and providing necessary equipment and supplies for participants. - Managing and recording participant attendance.	

BEM KM UNNES - Semarang	
<i>Staff of Internal Organization Management Division</i>	2023 - 2024
• Fostering harmony and effective collaboration within the organization. • Managing administrative tasks, including correspondence and preparation of meeting minutes. • Ensuring operational efficiency and strengthening organizational synergy.	

RESEARCH & PROJECT EXPERIENCES

MINI RESEARCH - Semarang	
<i>Phytochemical Testing and Antioxidant Activity of Telang Flower Extract (Clitoria Ternatea L.) and Its Use as a Preparation of Telang Flower Tea</i>	2023
• Conducting phytochemical tests. • Performing evaporation tests. • Carrying out DPPH antioxidant assays. • Analyzing experimental data. • Conducting trials for producing telang flower tea, including sensory (taste) evaluation.	
FINAL PROJECT - Semarang	
<i>Hydrogel/Chitosan/Pectin/Ginger Oil based Edible Coating to Extend the Shelf Life of Cherry Tomatoes (Solanum lycopersicum)</i>	2025
• Analyzing the characteristics of chitosan/pectin/ginger oil hydrogels with the addition of tannic acid as a crosslinking agent. • Evaluating the effect of chitosan/pectin/ginger oil hydrogel edible coatings with tannic acid as a crosslinking agent on extending the shelf life of tomatoes.	

OTHERS

Soft Skills: Detail Oriented, Analytical Thinking, Time Management, Teamwork, Leadership, Problem Solving, Adaptability.
Technical Skills: Laboratory Instrument Operation, Laboratory Testing, Implementation of SOP & SNI, Good Manufacturing Practice (GMP), Good Laboratory Practice (GLP), Microsoft Office (Word, Excel, PowerPoint), Data Analysis.
Languages: Indonesia (Native), English (Intermediate).