

DINDA ALVIRANTI PUTRI

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Chemistry Graduate from Universitas Indonesia with hands-on experience in laboratory operations, industrial process support, and analytical testing through internships in the paint, energetic materials, and life science industries. Experienced in operating laboratory equipment, conducting sample preparation and testing, monitoring process parameters, and maintaining accurate operational documentation. Familiar with ERP-based procurement workflows, inventory traceability, and standardized laboratory procedures while working in cross-functional environments. Strong commitment to HSE awareness, SOP compliance, troubleshooting, and continuous process improvement, with readiness to work in field operations and site-based environments.

Education Level

Universitas Indonesia - Depok, Indonesia

Aug 2022 - Jun 2026

Bachelor of Chemistry, 3.40/4.00

- Served as Laboratory Assistant for Electroanalysis and Basics of Chemical Separation practicum, taught potentiometry module to 40+ students.
- Appointed as Vice Coordinator of Media and Information for Pemira IKM UI 2023, reached 210k+ viewers across platforms over 3 months.

Work Experiences

Indonesia International Institute for Life-Sciences (i3L) -

Aug 2026 - Present

Jakarta, Indonesia

Laboratory Technician Intern

- Supported the verification of 500+ laboratory assets by validating equipment information, checking selected equipment details, and reconciling inventory records across laboratory databases to improve documentation accuracy.
- Processed Purchase Requests through the Odoo ERP system by coordinating laboratory procurement requirements with internal stakeholders, accelerating procurement workflows and supporting uninterrupted laboratory operations.
- Maintained laboratory documentation and inventory records to improve traceability and operational readiness.

PT Mowilex Indonesia - Jakarta, Indonesia

Sep 2025 - Jan 2026

Research & Development Intern

- Operated laboratory testing equipment to perform 20+ performance evaluations on interior paint products, including adhesion, gloss, hiding power, and durability tests while ensuring compliance with laboratory SOP and quality standards.
- Prepared raw materials, conducted 15+ formulation and mixing trials, and monitored testing parameters, contributing to 75% completion of an ongoing product development project.
- Analyzed experimental results and prepared technical reports that supported formulation optimization, quality improvement, and cross-functional R&D decision-making.

PT Dahana - Subang, Indonesia

Jun 2025 - Aug 2025

Product Development & Energetic Materials Intern

- Conducted laboratory preparation and stability evaluation of water-in-oil emulsifier formulations by monitoring viscosity and performance parameters while following laboratory safety procedures.
- Assisted mini-plant production activities involving industrial pumping systems and laboratory process documentation.
- Collaborated with engineering and laboratory teams to support product development and process evaluation.

Universitas Indonesia - Depok, Indonesia

Feb 2025 - May 2025

Laboratory Teaching Assistant

- Mentored 40+ students in potentiometric analysis, pH meter calibration, electrode maintenance, and acid-base titration experiments, improving laboratory competency.
- Reviewed 40+ laboratory reports and pre-tests, ensuring scientific accuracy and proper interpretation of analytical results.
- Troubleshooted experimental issues and promoted compliance with laboratory procedures, safety practices, and accurate data collection.

Organizational Experiences

Pemira IKM UI 2023 - Depok, Indonesia

Oct 2023 - Dec 2023

Vice Head of Media Information

- Responsible for managing 30+ video contents to increase event exposure, reaching 210k+ viewers across multiple platforms within 3 months.
- Led team of 6+ staff members to assigned tasks, managed timelines, and maintained weekly check-ins to ensure on-time delivery of 30+ video contents.

- Maintained cross-functional communication to ensure timely delivery of campaign activities and consistent project execution.

HMD Kimia UI - Jakarta, Indonesia

Mar 2023 - Dec 2023

Staff of Social Community and Environmental Department

- Led community outreach initiatives benefiting 150 households through coordinated logistics and volunteer management.
- Secured over IDR 10 million through sponsorships, donations, and NGO partnerships, exceeding fundraising objectives.
- Increased departmental engagement in the program by up to 80% through structured coordination and communication strategies.

Skills & Languages

- **Laboratory Operations:** Sample Preparation, Process Monitoring, Equipment Operation, Weighing & Mixing, Inventory Documentation
- **Analytical Instruments:** Atomic Absorption Spectroscopy (AAS), FTIR, UV-Vis Spectrophotometer, pH Meter
- **Industrial Systems:** Odoo ERP, Microsoft Excel, Microsoft Word
- **Languages:** Bahasa Indonesia (Native), English (Intermediate)