

ANDITA RESTIANI RAHMA PUTRI

Jakarta-Bandung, Indonesia (*Willing to reallocate overseas*) | +6285161917533 | restianiandita@gmail.com | <https://www.linkedin.com/in/andita-restiani-rahma-putri>

Experienced in academic and applied research laboratories. Skilled in chemical analysis and natural product research. Proficient in experimental data analysis and instrumentation (UV-Vis, FTIR, HPLC and GC). Detail-oriented researcher with strong collaborative capabilities and high curiosity. Effective in communication and collaboration across diverse teams.

CERTIFICATIONS

- ISO/IEC 17025:2017 Introduction Training (2025)
- Good Manufacturing Practice (GMP) ISO 22716:2007 (2025)
- Occupational Health and Safety (OHS / K3) (2024)
- Good Laboratory Practice (GLP) (2023)
- BNSP Level II – Laboratory Analysis Competency (2021)
- Health, Safety and Environment (HSE) for Operators (2021)



LANGUAGES

- Indonesian – Native
- English – Intermediate

WORK EXPERIENCE

Laboratory Assisstant at *Basic Science Service Center of Universitas Padjadjaran* | Aug 2024 - present

A centralized laboratory service unit providing foundational science practicum (Physics, Chemistry, Biology, and Computer Science) for multidisciplinary undergraduate students since 1986. Supports laboratory-based learning, practical skill development, and standardized experimental procedures across faculties.

- Supported chemical experiments and laboratory practical sessions using standardized laboratory procedures, involving 50+ students per semester, to ensure methodological accuracy and consistency of experimental outcomes.
- Prepared, monitored, and evaluated laboratory practical activities, including experimental scheduling, data recording, and laboratory facility coordination, resulting in 95% of practical data being properly documented for analysis and scientific reporting.
- Managed and reviewed technical laboratory documentation and experimental reports, improving data organization and traceability, with 95% of experimental reports completed and submitted on time.
- Facilitated technical discussions between students and instructors regarding experimental results, procedural deviations, and data interpretation, improving method application accuracy and experimental quality by approximately 90%.
- Ensured compliance with laboratory SOPs and quality standards, leading to 95% of participants demonstrating improved understanding and correct implementation of GLP based laboratory procedures using Microsoft Office and Google Worksheet.

Laboratory Analyst Intern at *Environmental Quality Service Laboratory of Tirtawening Regional Water Utility Company* | Jan 2024 – Feb 2024

An accredited environmental laboratory government, responsible for water and environmental quality testing. The laboratory conducts physicochemical and microbiological analysis of drinking water, wastewater, surface water, ambient air, and workplace environmental parameters in accordance with national standards and quality management systems.

- Conducted the processing test of up to 10 waste water sample per day for metal ion testing using UV-Vis Spectrophotometry and reporting of laboratory analytical data through structured data handling, accelerating report preparation time by approximately 70% while maintaining accuracy and SOP compliance.
- Collaborated with 10+ cross-functional staff to ensure data accuracy, timely reporting, and operational continuity.
- Assisted in consolidating activity outcomes and evaluation inputs, supporting management review and continuous improvement discussions.
- Participated in review discussions (FGD) to identify issues and recommend process improvements.

ORGANIZATION EXPERIENCE

Head of Event Division at *Chemistry Fun Days* | Mar 2023 – Jul 2023

Chemistry Fun Days is a National Chemistry Competition for High School Student held by Department of Chemistry collaboration with Chemistry Student Association, Faculty of Mathematics and Natural Sciences, Universitas Padjadjaran

- Designed and coordinated main event programs with a 20-member cross-functional team, developing program flow, competition materials, and evaluation indicators, resulting in 85% satisfaction from 250+ participants.
- Developed structured program frameworks and five core content components (scientific theme, competition flow, content standards, and supporting concepts), increasing engagement and satisfaction among 250+ participants and 50+ team members by 90%.

- Monitored and evaluated program execution and participant responses through structured observation and feedback, ensuring 80% of activities aligned with the timeline.
- Prepared and reviewed program reports, performance evaluations, and budget control, maintaining 80% alignment with the initial plan and achieving a 10% increase in net surplus compared to the previous year as a basis for continuous improvement.

Chairwoman at *SHINE! School of Wisdom, Insight and Knowledge* | Jun 2022 – Jun 2023

SHINE! School of Wisdom, Insight and Knowledge is a educational organization for High School Student provided by Universitas Padjadjaran.

- Led and coordinated an educational organization of 15 members and recruited 3 mentors to deliver structured learning and mentoring programs based on participant needs assessment.
- Designed and implemented three development programs with structured monitoring and evaluation, resulting in a 90% increase in participant engagement throughout the program.
- Evaluated program effectiveness and learning outcomes through regular monitoring and outcome analysis, contributing to 3 students being successfully admitted to public universities.

Secretary at *Department Student Legislative* | Des 2021 – Des 2022

The legislative council within the Chemistry Student Association, Faculty of Mathematics and Natural Sciences Universitas Padjadjaran.

- Managed and administrative documentation, records, and using structured documentation systems, improving document completeness and traceability by approximately 90%.
- Supported coordination and communication workflows between executive and legislative through documented decision-making processes, ensuring systematic and traceable organizational governance.

Head of Event Division at *Auxochrome* | Jul 2022 – Oct 2022

Student Orientation Program provided by Chemistry Student Association Faculty of Mathematics and Natural Sciences Universitas Padjadjaran

- Supported academic onboarding activities through program flow planning, scheduling, and attendance tracking, ensuring 85% alignment with the initial implementation plan
- Proposed and coordinated the involvement of two academic guest speakers, increasing participant understanding and satisfaction by 70% regarding chemistry academic orientation content
- Monitored compliance with program plans and budget allocation, maintaining 90% adherence to predefined formats and resource planning as input for future program evaluation.

SKILLS & EXPERTISE / TECHNICAL SKILLS

- Instrumental Analysis: UV-Vis, HPLC, GC, FTIR
- Chromatographic Techniques: TLC, Column Chromatography
- Natural Product Isolation & Characterization
- Analytical Method Validation & SOP Documentation
- Data Analysis & Scientific Reporting
- Good Laboratory Practice (GLP) Awareness

EDUCATION

Bachelor of Science – Universitas Padjadjaran – Indonesia

High School Diploma Chemical Analyst – SMKN 7 Kota Bandung – Indonesia

AWARDS & RECOGNITIONS

- Runner-up, Business Case Idea Chemistry Student Association, Faculty of Mathematics and Natural Sciences, Universitas Padjadjaran 2023
- Awardee Alumni Scholarship, Chemistry Student Association, Faculty of Mathematics and Natural Sciences, Universitas Padjadjaran 2022 and 2025