



HANIFAH DESTIKA PRATIWI

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Tangerang, Indonesia

Fresh Graduate in Biology with hands-on experience in laboratory analysis, microbiology, and quality testing. Skilled in sample preparation, laboratory testing, quality documentation, and laboratory instrumentation. Strong attention to data accuracy, integrity, and traceability in accordance with laboratory procedures. Certified in GMP, HACCP, ISO 22000, and FSSC 22000, with knowledge of Good Laboratory Practices (GLP). Detail-oriented with strong analytical skills and the ability to work effectively in collaborative laboratory and industrial environments. Proficient in Microsoft Excel (Data Analysis and Data Visualization), OriginLab, and SPSS.

Education

Universitas Negeri Semarang - Semarang

Aug 2021 - Dec 2025

Bachelor of Biology, 3.69/4.00

- Laboratory Assistant – Animal Anatomy Practicum, Biology Laboratory, Universitas Negeri Semarang (2023)
- Coordinator of Information and Communication Department, HIMABIO UNNES (2023–2024)
- Master of Ceremony (MC) for various university formal and non-formal events (1,000+ participants)
- Liaison Officer (LO) for MIPAFEST 2022 and Your Voice Matters 2022 events, organized by INDOZONE.ID in collaboration with BEM KM UNNES
- Event Staff for UNNES GAMES 2022, assisted in event preparation including TOR development, scheduling, and coordination

Work Experiences

Integrated Laboratory (iLAB), Badan Riset dan Inovasi Nasional (BRIN) - Bogor

Jan 2025 - May 2025

Microbiology Research Student (Final Thesis)

- Conducted final thesis research on microbial characterization and lignocellulolytic enzyme activity analysis.
- Performed aseptic microbiological techniques, including Gram staining, microscopy, Total Plate Count (TPC), DNA extraction, PCR amplification, and bacterial species identification.
- Identified bacterial isolates, including *Bacillus subtilis* and *Klebsiella aerogenes*, using microbiological and molecular methods.
- Operated laboratory instruments including UV-Vis Spectrophotometer, Infinite® 200 PRO Microplate Reader (Tecan), PCR Thermocycler, centrifuge, incubator shaker, autoclave, and pH meter.
- Maintained accurate laboratory records, ensured data integrity and traceability, and complied with laboratory quality, biosafety, and standard operating procedures (SOP).

PT Beckjorindo Paryaweksana - Semarang

Sep 2024 - Dec 2024

Laboratory Analyst Intern

- Conducted Quality Control (QC) testing on coffee beans, cocoa beans, tamarind, charcoal, turpentine, and other samples in accordance with SOPs and SNI.
- Performed laboratory analyses while ensuring compliance with Good Laboratory Practices (GLP) and Good Manufacturing Practices (GMP).
- Operated laboratory equipment, including Gas Chromatography (GC), the Lico 620 Colorimeter, titration equipment, a muffle furnace, and a desiccator.
- Prepared and verified over 100 laboratory reports and Certificates of Analysis (CoA), ensuring accurate, traceable, and compliant laboratory documentation.
- Maintained laboratory records and testing documentation to support data integrity, traceability, and compliance with quality management procedures.

Semarang City Health Office - Semarang

Feb 2024 - Jul 2024

Intern – Vector and Zoonotic Disease Control (P2TVZ)

- Supported environmental health surveillance through field inspections, data collection, and compliance with established public health procedures.
- Participated in the implementation of the *Aedes aegypti* Wolbachia (WINGKO) program by conducting mosquito larvae inspections and community engagement across four districts in Semarang.
- Collected, documented, and analyzed field data, contributing to a mini research project on leptospirosis incidence across 12 community health centers (Puskesmas) in Semarang.

Biology Laboratory, Universitas Negeri Semarang - Semarang

Feb 2023 - May 2023

Animal Anatomy Laboratory Assistant

- Supported laboratory practical sessions by ensuring compliance with laboratory SOPs and maintaining orderly laboratory operations
- Guided 30+ students during animal anatomy practical sessions by explaining animal anatomy concepts and supervising dissections

across five animal classes

- Reviewed and graded practical reports and assisted in supervising practical examinations

Organizational Experience

HIMABIO (Himpunan Mahasiswa Biologi), Universitas Negeri Semarang

Mar 2023 - Feb 2024

Coordinator, Information and Communication Department

- Led the division, executing all programs successfully while guiding team members and monitoring progress to ensure timely completion
- Managed social media with the team through channels such as Instagram (5,000+ followers), Facebook, Twitter, email, and websites, keeping the public informed and engaged
- Published the 8th edition of Biologi Magazine (BYMagz), overseeing content creation, editorial processes, and team coordination
- Coordinated with the team to organize inter-university visits to share organizational activities and foster collaboration and networking with external student associations

HIMABIO (Himpunan Mahasiswa Biologi), Universitas Negeri Semarang

Mar 2022 - Feb 2023

Staff, Information and Communication Department

- Successfully design the online student science magazine (MAMALIA) on Instagram, posting monthly content to share scientific knowledge with 5000 followers (@biologiunnes)
- Successfully published the 7th edition of Biologi Magazine (BYMagz) as the Chief Artistic Editor, overseeing magazine design, layout, and visual content
- Managed social media including instagram and designed monthly themed feeds to engage followers and maintain a consistent visual identity

Skills, Certifications & Other Experience

- **Training & Certifications** 📄 (2025): GMP (Good Manufacturing Practices)
- **Training & Certifications** 📄 (2025): FSSC 22000 version 6.0 (Food Safety System Certification)
- **Training & Certifications** 📄 (2025): ISO 22000 Foundation (Food Safety Certification)
- **Training & Certifications** 📄 (2025): HACCP (Hazard Analysis and Critical Control Points)
- **Achievements** 📄 (2025): Coordinator of Information and Communication Department HIMABIO UNNES
- **Achievements** 📄 (2024): PRIGEL Internship Program at Laboratory Testing PT Beckjorindo Paryaweksana
- **Achievements** 📄 (2024): MBKM Internship Program at Semarang City Health Office, Vector and Zoonotic Disease Control Unit (P2TVZ)
- **Achievements** 📄 (2023): Staff of Information and Communication Department HIMABIO UNNES
- **Training & Certifications** 📄 (2026): Data Visualization with Microsoft Excel
- **Soft Skills:** Attention to Detail, Analytical Thinking, Data Integrity, Problem Solving, Time Management, Teamwork & Collaboration
- **Hard Skills:** Laboratory Analysis, Quality Testing & Analysis, Microbiological Testing, Sample Preparation, UV-Vis Spectrophotometry, Laboratory Documentation, GLP (Good Laboratory Practices), Microsoft Excel (Data Analysis & Data Visualization), SPSS, OriginLab