

Farelia Indah Lestari

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A goal-oriented leader and creative problem-solver with a proven experience in managing large-scale projects and diverse teams. Possesses strong analytical skills in critical thinking and design, with a dedicated focus on driving innovation. Committed to applying these strengths to deliver high-impact contributions within the FMCG and Biotechnology industries.

EDUCATION

BANDUNG INSTITUTE OF TECHNOLOGY

Bandung, Indonesia

Bachelor of Biology

Aug 2021 – Oct 2025

- Cumulative GPA: 3.48/4.00
- Final Research (2025): Characterization and Isolation of the Lycopene Biosynthetic Gene Cluster in *Planococcus plakortidis* from Makassar Strait
- Best Presenter in Cell and Molecular Biology Final Project (2024): ITS2 DNA Region from *Citrus* sp. Genome Using the Polymerase Chain Reaction (PCR) Method and Phylogenetic Analysis of Local and Hybrid *Citrus* sp. Using Sanger Sequencing

WORK EXPERIENCE

SCHOOL OF LIFE SCIENCE AND TECHNOLOGY ITB

Bandung, Indonesia

Research Assistant

Oct 2025 – Present

- Research and explore the potential and utilization of marine bacteria from Makassar Strait in producing lycopene for industrial-scale application.

Laboratory Assistant of Cell and Molecular Biology Project

Feb 2025 – Jun 2025

- Taught 172 students to understand principles of cell and molecular biology, focusing on CRISPR-Cas9 protein SDS-PAGE and Bradford Assay.

Laboratory Assistant of Bioinformatics

Sep 2024 – Jan 2025

- Trained 172 students to understand principles of bioinformatics and related tools, focusing on Metabolomic Analysis.

INTIBIOS LAB, KLINIK & FARMASI

Lab Pathology Intern

Bandung, Indonesia

Aug 2024 – Sep 2024

- Processed and analyzed blood and urine sample in the pathology laboratory, include running, analyzing, and writing result.

ORGANIZATIONAL AND VOLUNTEER

HIMABIO “Nymphaea” ITB

Bandung, Indonesia

Head of Supervision in Dewan Perwakilan Anggota (DPA)

Mar 2024 – Apr 2025

- Supervised, corrected, and provided feedback and advice to the executive board.
- Planned and arranged accountability report.

Field Coordinator of Program Pembinaan Anggota Baru (PPAB)

Jun 2023 – Aug 2023

- Managed all field execution, logistics, and detailed work plans.
- Overseeing the needs of 86 participants and leading a 45 member committee team.

Head of Wisuda Oktober

Aug 2022 – Oct 2022

- Led a committee of 50 members to plan and execute the grand design, including main ceremony and appreciation night for 26 graduates.

ORIENTASI STUDI KELUARGA MAHASISWA (OSKM) ITB

Bandung, Indonesia

May 2024 – Sep 2024

Vice Head of Materials and Method

- Developed curriculum, learning content, and strategies for delivering materials to 4,734 new undergraduate students.
- The materials are designed to align with the vision of KAT ITB 2024, which to aim the title of Global Citizen and contain the value of “Think Globally and Act Locally” and emphasize awareness of students as key investments for this nation.

Head of Interaksi Fakultas

May 2023 – Aug 2023

- Managed interaction activity between 14 faculty and 4,734 new undergraduate students.
- This activity aims to introduce the culture of each faculty and value of togetherness.

YAYASAN RUANG KETIGA

Project Manager

Bandung, Indonesia

Aug 2023 – Oct 2023

- Designed the concept of community service project “Pengembangan Sistem BURUAN SAE dan Budidaya Magot”.
- Managed the event and coordinated with Karang Taruna in RW 15, Tamansari, Bandung.

8EH RADIO ITB

Reporter

Bandung, Indonesia

Dec 2021 – Mar 2023

- Reported news and conducted interviews and coordinated with media partner.
- Delivered information through infographics and interactive videos in social media.

OTHERS

Professional Skills: Leadership, Teamwork, Critical Thinking, Creative Thinking, Public Speaking

Technical Skills: Microsoft Office, Basic Python, R, Adobe Illustrator, Canva, PCR, Spectrophotometer UV/Vis

Languages: Indonesian (Native), English (Conversational), Korean (Basic)