

SALSABILAH PUTRI ABDILLA

Bachelor of Science in Chemistry

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PROFILE

Chemistry graduate from Sepuluh Nopember Institute of Technology (ITS) with hands-on experience in laboratory analysis, quality testing, and scientific research. Skilled in water quality analysis, sample and reagent preparation, protein analysis, and the operation of analytical instruments including UV-Vis Spectrophotometer, FTIR, pH Meter, and Turbidity Meter. Familiar with Good Laboratory Practice (GLP), ISO/IEC 17025:2017 principles, and laboratory documentation. A detail-oriented, analytical, and fast-learning individual with a strong commitment to quality, accuracy, and continuous improvement.

EDUCATION

Institut Teknologi Sepuluh Nopember Surabaya

July 2021 – April 2026

Bachelor of Science, Chemistry | GPA: 3.29 / 4.00

Final Project: Optimization of Methyl Orange Biodecolorization by Immobilized Bacillus subtilis in an SA-PVA-Bentonite Matrix Using Response Surface Methodology

SMA Negeri 16 Surabaya

July 2018 – May 2021

Science Major | Final Score: 88.53/100

WORK EXPERIENCE

PT Visimas Utama Konsulindo – Dili, Timor Leste

May – June 2026

Social Safeguard Surveyor (Project-Based)

- Conducted field surveys to collect socio-economic and demographic data for water supply and sanitation projects.
- Facilitated interviews, questionnaires, and Focus Group Discussions (FGDs) with local communities and stakeholders.
- Processed survey findings to support Environmental Impact Assessment (EIA/AMDAL) documentation.

Institut Teknologi Sepuluh Nopember – Surabaya

July – Dec 2025

1. Biochemistry Laboratory Asisstant (Part-Time)

- Conducted qualitative protein analysis using Xanthoprotein, Biuret, and Ninhydrin tests.
- Prepared reagents, chemicals, laboratory glassware, and instruments.
- Assisted undergraduate students during laboratory practical sessions while ensuring compliance with laboratory SOPs.

2. Fundamental Chemistry Laboratory Assistant (Part-Time)

July – Dec 2024

- Performed mixture separation experiments using sublimation, filtration, and evaporation.
- Prepared reagents, chemicals, and laboratory equipment.
- Guided and supervised undergraduate students during laboratory practical sessions.

PDAM Surya Sembada Kota Surabaya – Surabaya

July – August 2024

Laboratory Analyst (Internship)

- Performed water quality testing following ISO/IEC 17025:2017 principles.
- Conducted chemical analysis using UV-Vis Spectrophotometer, titrimetric, and gravimetric methods.
- Conducted titrimetric analysis for dissolved oxygen (DO), hardness, chloride, and permanganate.
- Prepared laboratory samples and maintained accurate testing documentation.
- Ensured compliance with laboratory SOPs and quality standards.

PT Sinergitas Indonesia Muda – Surabaya

Staff Store – Barista (Part-Time)

- Prepared beverages and food products in accordance with company SOPs.
- Operated POS systems and processed daily customer transactions accurately.
- Managed inventory while maintaining product quality and workplace cleanliness.
- Delivered excellent customer service in a fast-paced environment.

Des 2022 – May 2023

ORGANISASI

Himpunan Mahasiswa Kimia ITS – Institut Teknologi Sepuluh Nopember

Expert Staff of Department of Social Development

- Organized community engagement programs.
- Coordinated external partnerships for social initiatives.

April 2023 – Feb 2025

Palang Merah Remaja - SMAN 16 Surabaya

Staff of Facilities Division

- Managed medical equipment and organizational facilities.
- Supported school and community humanitarian activities.

Sep 2018 - Dec 2020

ACHIEVEMENTS

Pengembangan Kawasan Halal Desa Kare through the GEMESH Program, Sewagati Journal (2024).

- Co-author of a SINTA-accredited scientific publication titled "*Pengembangan Kawasan Halal Desa Kare, Kabupaten Madiun Melalui Kampanye Gerakan Menuju Sertifikasi Halal (GEMESH)*," published in Sewagati Journal (2024). Contributed to community engagement, halal certification assistance for MSMEs, data collection, and scientific manuscript preparation.

DOI: <https://doi.org/10.12962/j26139960.v8i3.1037>

CERTIFICATIONS

ITS EFL Test (Global Language Center – ITS) | Score: 493

SKILLS

Technical Skills:	ISO/IEC 17025:2017 Chemical & Biochemical Analysis Water Quality Analysis Titrimetric, Gravimetric & Volumetric Analysis Bacterial Culture Biodecolorization Assay Sample & Reagent Preparation Spectroscopic Data Interpretation Good Laboratory Practice (GLP) Laboratory Data Analysis
Laboratory Instruments:	UV-Vis Spectrophotometer FTIR Spectrometer pH Meter Turbidity Meter Laminar Air Flow Freeze Dryer Incubator Centrifuge Autoclave Analytical Balance
Software:	Microsoft Excel Microsoft Word Microsoft PowerPoint Google Workspace Design-Expert 13 Chemdraw PyMOL
Professional Skills:	Analytical Thinking Critical Thinking Attention to Detail Communication Teamwork Problem Solving Adaptability Compliance with SOPs