

Yesandra Diva Giffthia

Address: Bekasi, West Java, 17510
Phone: 085693592171
Email: yesandrdivagifft@gmail.com

SUMMARY

Chemistry graduate with strong laboratory analysis and data interpretation skills, gained through a research project on material synthesis and characterization. Proficient in analytical instrumentation (FTIR, UV-Vis, HPLC) and data processing for quantitative analysis. Detail oriented and results driven, with a solid foundation in analytical chemistry principles.

EXPERIENCE

Internship - Production and Project | Pertamina Hulu Energi ONWJ Jul - Aug 2025

- Completed technical training on corrosion inhibitor, synthetic brine calculations, Linear Polarization Resistance (LPR), and Wheel Test methodologies as preparation for field activities.
- Participated in chemical sharing and technical knowledge transfer sessions covering chemical engineering and oil & gas applications.

Mar - May 2026

Laboratory Assistant - Forensic Chemistry Practicum | Institut Teknologi Bandung

- Delivered hands-on laboratory instruction to 60+ students in identifying functional groups using FTIR spectroscopy.
- Guided students in instrument operation, experimental procedures, and interpretation of FTIR spectra during laboratory sessions.
- Evaluated and recorded students' practical performance and laboratory results.

Mar - May 2026

Laboratory Assistant - Separation Techniques & Electrometry Practicum | Institut Teknologi Bandung

- Delivered hands-on instruction to 50+ students in conductometric titration and electroanalytical laboratory procedures.
- Guided students in the operation and proper use of conductivity meters (conductometers) and interpretation of measurement results.
- Evaluated and recorded students' practical performance and experimental results.

EDUCATION

Bachelor of Science in Chemistry Aug 2022 - Jul 2026

Institut Teknologi Bandung

- GPA: 3.02/4.00
- Final Project on "Synthesis and Characterization Molecularly Imprinted Polymers (MIPs) for the Adsorption of Amitriptyline, an Antidepressant Compound".

ADDITIONAL INFORMATION

- **Skills:** Microsoft Excel (data processing, calculation, charting), Microsoft Word (report & scientific writing) Origin (data plotting & analysis), Laboratory analysis, sample preparation, and Material synthesis with characterization. Analytical thinking, problem-solving, leadership, and teamwork
- **Languages:** Bahasa Indonesia, English
- **Awards/Activities:** Served as Head of the Election Committee (PPS) for Pemira HMK 'AMISCA' ITB and as Aspiration Representative for HMK 'AMISCA' ITB, channeling feedback from 400+ members to the student representative body.