

ADESINA ADEDEJI SAMSON

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SUMMARY

A microbiology graduate with hands-on experience in enzyme production, anaerobic digestion, and environmental biotechnology. Skilled in microbial isolation, laboratory analysis, and scientific reporting.

WORK AND RESEARCH EXPERIENCE

UNDERGRADUATE RESEARCHER

Department of Microbiology, University of Ilorin

2024 – 2025

- Performed enzyme activity assays (cellulase, amylase, protease) using plate and broth techniques.
- Conducted fiber fraction, proximate, and mineral analysis of digestate.
- Monitored and interpreted trends in pH, temperature, and pressure during anaerobic digestion.

Industrial Training (SIWES) – UNIOSUN Teaching Hospital,
Pharmaceutical & Drug Production Unit, Osogbo

April – September 2024

- Conducted microbial analysis, chemical testing, and quality control of raw materials, in-process batches, finished products, and treated water to ensure compliance with Good Manufacturing Practices (GMP).
- Operated and maintained microbiology and analytical laboratory equipment including autoclave, incubator, laminar flow chamber, colony counter, microscope, and spectrophotometer.
- Assisted in the formulation and production of disinfectants (Methylated Spirit, Germicide, Bleach, Hand Sanitizer, Liquid Soap).
- Applied aseptic techniques, laboratory safety protocols, and standard operating procedures (SOPs) in all microbiological and pharmaceutical processes.

EDUCATION

Bachelor of Science in Microbiology

University of Ilorin, Ilorin, Kwara State (CGPA - 4.20)

2021 – 2025

TRAININGS

LEADERSHIP

Gracedge Initiative

2025

MEDIA AND IT

Cathedral of Saint Michael

2023

SKILLS

- Microbial isolation and identification
- Enzyme screening and quantitative assays
- Laboratory reporting and scientific data analysis
- Microsoft Word, Excel, PowerPoint

PROFESSIONAL INTERESTS

- Industrial Microbiology
- Environmental Microbiology
- Enzyme Technology

LANGUAGE

- English
- Yoruba

REFERENCES

Available on requests