

AKANDE OPEYEMI GABRIEL

(B.TECH. CHEMICAL ENGINEERING)

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Profile

I am a young graduate with a distinct academic background in chemical engineering that strives hard for excellence all the time through diligence and creativity in a result-oriented environment. Skilled in interpersonal relationship, thereby could work as a teammate and also dedicated to self-development and continuous professional growth.

RESEARCH INTEREST

Wastewater Management

Nanotechnology

EDUCATION

University of Ilorin, Ilorin, Kwara State

PhD Chemical Engineering (Environmental Engineering option)

In view

University of Ilorin, Ilorin, Kwara State

M.Eng. Chemical Engineering (Environmental Engineering option)

Sep. 2023-May. 2026

Ladoke Akintola University of Technology, Ogbomoso, Oyo State.

B.Tech. Chemical Engineering (Second Class Upper Honors)

Jan. 2015-Apr. 2022

Roseful International High School, Osogbo, Osun state. Senior

Secondary School Certificate (WAEC, SSCE)

Sep. 2011-Jun. 2014

Canaanland Comprehensive College, Ogbomoso, Oyo State

Sep. 2008- Jun. 2011

Masifa Nursery and Primary School, Ogbomoso, Oyo State.

First School Leaving Certificate (FSLC)

Sep. 2003- Jun. 2008

TEACHING EXPERIENCE/WORK EXPERIENCE

Newpage Educational Consult

Jan.2025 till date

- Online tutoring in Mathematics (GCSE, Year 10, Year 11, Year 12 etc)

Damty Consult and Educational Services, Kwara state

Feb. 2024 till date

- Online tutoring in Mathematics and Science for a Year 6 and Year 9 student in Australia
- Home tutoring in Mathematics, Physics and Chemistry

Temitope Secondary School, Ilorin, Kwara state

Jan. 2024 – Sep. 2024

- Mathematics and Chemistry for Senior classes
- Basic Technology and Basic Science for Junior class

Success Life Academy, Osara, Kogi State

Jun. 2022-Jun. 2023

- Taught Senior Secondary School Student Mathematics and Physics during my National Youth Service Corp (NYSC) year.

Rainbow Paints and Allied, Ilesa, Osun State

Feb. 2019-Nov. 2019

- Quality control and Packaging

Tutor, Ladoke Akintola University of Technology

Apr. 2017-Jul. 2021

- Organised free tutorial for students and taught them courses like MTH 101 &102, CHM 101 & 102, PHY 101 & 102, CHE 200, EEE 231 & 332 among others.

PROFESSIONAL & TRAINING CERTIFICATE AWARD

INSTITUTE OF MANAGEMENT & HUMAN CAPITAL DEVELOPMENT (ICBMD)

2022

- Certified Human Resources Management Professional (CHRMP)
- Certified Project Management Professional (CPMP)

- Certified Health, Safety and Environment (CHSE 1-3)

DEXTAN ENGINEERING AND INTEGRATION SOLUTION

2019

- PFD and P&ID drafting with Microsoft Visio

RESEARCH EXPERIENCE

- Worked on the quantification of Criteria Air Pollutants from Diesel Combustion on Ibadan Metropolitan City, Nigeria
- Worked on the quantification of Mass Concentration Aerosols PM_{2.5} from Secondary Schools in Ogbomoso.
- Worked on the Adsorption of Phosphorus from Palm Oil Mill Effluent Using a Blended Bio-Inorganic Adsorbent
- Worked on the adsorption of turbidity from Paint industry wastewater using banana peel biochar as adsorbent

PUBLICATIONS

Olu-Arotiowa Olusesan Abel, Ajani Ayobami Olu, Jimoda Lukman Adekilekun, **Akande Gabriel Opeyemi** and Raji Wuraola Abeke. Quantification of Mass Concentration Aerosols PM_{2.5} from Secondary Schools in Ogbomoso. Glob J Eng Sci. 9(4): 2022. GJES. MS.ID.000718 DOI: 10.33552/GJES.2022.09.000718

Akande O. G, Eletta O. A. A, Tijani I. A, Babatunde E. O. and Adewoye T. L. Adsorption of Phosphorus from Palm Oil Mill Effluent Using a Blended Bio-Inorganic Adsorbent. LAUTECH Journal of Engineering and Technology 20 (1) 2026: 219 – 234. 10.36108/laujet/6202.02.0191

SKILLS

- Photography & Videography
- Leadership
- Time management
- Adaptability
- Decision making

- Flexibility
- Active Listening
- Conflict resolution
- Attention to detail

LANGUAGES

English: Native Language, Distinguished levels in Listening, Speaking, Reading, and Writing.

Yoruba: Distinguished levels in in Listening, Speaking, Reading, and Writing

REFERENCES

HRM, Oba (Dr.) Adedokun Abolarin

The Orangun of Oke-ila Orangun

Osun, State

Prof. Eletta Omodele Abiodun

Department of Chemical Engineering

University of Ilorin, Nigeria

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Relationship: M.Eng. Supervisor

Prof. O.A Olu Arotiowa,

Department of Chemical Engineering

Ladoke Akintola University of Technology, Nigeria

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oaolu-arotiowa@lautech.edu.ng

Relationship: B.Tech Supervisor