



EDUCATION CERTIFICATE

DATE

Master of Engineering:

In view

Affiliation: Ahmadu Bello University Zaria, Nigeria

Major: Energy (Thermo/Fluid)

Postgraduate Diploma:

April 2021

Affiliation: Ahmadu Bello University Zaria, Nigeria

Major: Mechanical Engineering

Higher National Diploma:

November 2012

Affiliation: Federal Polytechnic Ado Ekiti, Nigeria

Major: Mechanical Engineering (Building Service)

National Diploma:

October 2009

Affiliation: Federal Polytechnic Ado Ekiti, Nigeria

Major: Mechanical Engineering

CAREER INTEREST

I am a highly innovative engineer who is driven to achieve excellence in an organization. I believe that my natural potential, professional and intellectual experiences, and interpersonal skills can be maximally utilized to positively impact the progress of the organization and society as a whole. I am always eager to gain more knowledge, learn new skills, and gather more experiences in any well-structured organization that can enable me to add additional value to society.

EMPLOYMENT HISTORY

Nile University of Nigeria

Senior Laboratory Technologist II (November 2017 – Till Date)

Course thought

- GET 277- Fundamental of thermodynamics
- GET 233- General Engineering Laboratory 1
- GET 234- General Engineering Laboratory 1
- MEE 315- Mechanical Engineering Laboratory I
- MEE 316- Mechanical Engineering Laboratory II
- MEE 481- Mechanical Engineering Laboratory III

- MCE 313- Fluidic Laboratory
- MCE 314- Virtual laboratory
- Student mentorship and level advisor
- Assisting undergraduate project supervision.
- Coordination of Laboratory Technologists toward achieving the departmental set goal
- Laboratory management of the equipment, tools and consumables.
- Teaching of Mechanical Engineering Laboratory practical to students

Ramtech Intl. Resources LTD.

Project Manager (April 2014-October 2017)

Responsibility

- Designing a layout for a filling station
- Supervision and installation of surface and underground tank (Manhole)
- Pipeline installation and maintenance
- Supervision, installation and maintenance of fuel dispensing machine with calibration
- Pressure test and Calibration of tank
- Use of various machines which includes a dicing machine for treading galvanized pipe, welding machine, cutting machine etc.

PROFESSIONAL AND PERSONAL DEVELOPMENT TRAINING

- Certificate of participation in the Lecturers Microsoft Team Training for Online Lectures, Quizzes and Examination 2021
- Certificate of participation in the Lecturers Zoom Training for Online Lectures, Quizzes and Examination 2021
- Certificate of participation in the First International Conference on Multidisciplinary Engineering and Applied Science 2021
- Short Course Certificate in Advance Digital Appreciation Programme for Tertiary Institutions by Digital Bridge Institute. Abuja.2022
- Certificate of participation in Quality Research and Academic Publishing By Nile University of Nigeria, Abuja. September 2022.
- Certificate of participation in Mixed Method Research & Innovation By Nile University of Nigeria, Abuja. October 2022.

AWARDS AND SERVICE TO THE COMMUNITY

- January 2014-Certificate of Honor Muslim Corpers' Liason Officer, Abia State
- September 2011- October 2012- certificate of merit Muslim Students Society Of Nigeria FPA Branch

PROFESSIONAL AFFILIATIONS

- Council for the Regulation of Engineering in Nigeria, COREN (R3939ET)

RESEARCH PROJECT

Master's Thesis

Effect Of Propan-1-Ol, Propan-2-Ol, And Camphor Blended With Gasoline On The Performance And Emission Of A Spark Ignition Engine

ACADEMIC PUBLICATIONS

- A.A Adeleke, P. Nzerem, S. Ayuba, E. N Anosike-Francis, A. I. Olosho, K. K. Kalenebari, Y. A. Mohammed, **W. A. Adeleke** and M. O. Fajobi. (2023) Simulation Technology in Renewable Energy Generation: A Review. [2nd International Conference on Multidisciplinary Engineering and Applied Science \(ICMEAS-2023\) IEEE](#) DOI:10.1109/ICMEAS58693.10429880
- S. I. Bello, A. A. Adeleke, P. Nzerem, D. J. Yerima, **W. A. Adeleke** and S. O. Adeleye (2023) Characterisation Of Corncob, Sawdust, And LDPE For Enhanced Bio-Oil Production. [2nd International Conference on Multidisciplinary Engineering and Applied Science \(ICMEAS-2023\) \(IEEE\)](#). DOI: 10.1109/ICMEAS58693.10429871
- E. E. Ndububa, Idris Muhammad, A. Sanusi, **W. A. Adeleke** (2023). The Impact of Expanded Polystyrene on the Performance Characteristics of Rice Husk Particleboard using Gum Arabic as Adhesive Binder. Nile Journal of Engineering and Applied Science. (NJESA) pp 112-122 DOI: <https://doi.org/10.5455/NJEAS.152322>
- Sanusi, E.E Ndububa, A. Amuda, A. Mohammed, **W.A. Adeleke**, U.A Shuaibu. "Demographic Based Survey on the Use of Abuja River Sand as Fine Aggregate for Concreting [2021 1st International Conference on Multidisciplinary Engineering and Applied Science \(ICMEAS\)](#) Publish by IEEE July 15 2021. DOI: [10.1109/ICMEAS52683.2021.9692309](https://doi.org/10.1109/ICMEAS52683.2021.9692309)
- Hassan, U., **Adeleke, W. A.**, Mohammed, M., Adamu, M. A., and Sanusi, A" Evaluation Of Thermal Storage Capacity Of Some Selected Materials For Solar Drying Application" FUDMA Journal of Sciences (FJS) ISSN online: 2616-1370 ISSN print: 2645 - 2944 Vol. 4 No. 3, September, 2020, pp 192 – 196 DOI: <https://doi.org/10.33003/fjs-2020-0403-301>

PERSONAL PROFILE

- Good team player with a strong analytical mindset
- Always ready to learn new skills and technology
- Effective communication and problem-solving skills with goals-oriented
- Physical and mental alertness
- Integrity, honesty, and good mindset fellow
- Dynamics and diversification in nature

HOBBIES AND OTHER INTERESTS

- Researching, Sports and meeting good people

REFERENCES

Dr. Engr. Y.L. Shuaib-Babata

University of Ilorin, Kwara State

Materials and Metallurgical Engineering Department,
08033945977, 08058761267

Assc. Prof. S.O Jeje

Federal University of Technology, Akure, Ondo State

H.O.D Physiology Department
08086327115, 0807768739