OKOYE GODFREY UMUNNA

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EDUCATION

Yaba College of Technology – Lagos State, Nigeria 2006 – 2010
Higher National Diploma, Mechanical Engineering
Organization: Nigerian Institute of Mechanical Engineers

Federal University of Technology Oye-Ekiti – Ekiti State, Nigeria 2021 – 2024
Bachelor of Engineering, Mechanical Engineering
Organization: Nigerian Association of Technology in Engineering

Federal University of Technology Oye-Ekiti – Ekiti State, Nigeria
Masters of Engineering, Mechanical Engineering

SHORT COURSES

School of Engineering, Yaba College of Technology, Nigeria November 2014
- Skill of Training the Trainers

UNESCO – Nigeria TVE Project December 2006
- Training on MS Power Point Presentation for E-lectures

City and Guilds of London Institute, London May/June 1987
- The Part One Certificate in Foundry Craft Studies

City and Guilds of London Institute, London June 1990
- The Part One Certificate in Foundry Craft Studies

Nigeria Railway Cooperation Industrial Training 1984 – 1987

French Embassy Plastic Management Seminar 2024

MAJOR RESEARCH INTEREST

Technological impact on solid waste management in Nigeria, use of technology, improve waste collection, transportation, disposal recycle and green environment, blue print to improve technical education in Nigeria, using resource and equipment's in technical education.

Biogas/Biodiesel production from Anaerobic digestion of Water Hyacinth, Spent Mushroom Substrate, Cow Dung, Moringa Oleifera seeds.

WORK EXPERIENCE

Chief Technologist, Yaba College of Technology, Lagos, Nigeria January 2022
- Lecture 120+ students on Foundry Technology, Metal Forming, Basic Workshop Technology and Engineering Measurement.
- Supervised an average of 12 students on project per year.
- Conducting research into waste management disposal.

Head of Mechanical Workshop, Mechanical Department, Yaba College of Technology
- Repair and maintenance of tools and equipment.
- Managing more than four (4) staff.

Assistant Chief Technologist, Yaba College of Technology, Lagos 2019 – Date

- Lecture an average of 250+ students in Metal Forming, Basic Workshop Technology, Joining and Fabrication, and Engineering Measurement.
- Conducting research into security devices.
- Supervised an average of 12 students on project per year.

Class Adviser, HND2 Mechanical @ Yaba College of Technology, Yaba

- Direct the affairs of the graduating students (120+).

Principal Technologist @ Yaba College of Technology, Lagos, Nigeria 2015 – 2019

- Lecture 250+ students in Metal Forming, Basic Workshop Technology, Joining and Fabrication, and Engineering Measurement.
- Conducting research into security devices.
- Supervised an average of 12 students on project per year.

Senior Technologist @ Yaba College of Technology, Lagos, Nigeria 2012 – 2015

- Lecture 300+ students in Metal Forming, Basic Workshop Technology, Joining and Fabrication, and Engineering Measurement.
- Conducting research into security devices.
- Supervised an average of eight (8) students on project per year.

Technologist, Yaba College of Technology, Lagos, Nigeria 2009 – 2012

- Lecture 300+ students in Metal Forming, Basic Workshop Technology, Joining and Fabrication, and Engineering Measurement.
- Conducting research into security devices.
- Supervised an average of eight (8) students on project per year.

PROJECTS

- Construction of cabinet solar dryer for vegetables.
- Design and fabrication of cassava grating machine.
- Design, fabrication and construction of security devices.
- Design and construction of solar-powered electrical dehydrator for fruit and vegetable.
- YCT/plast/gas hup construction.
- Design and fabrication of potable concrete mixer.
- Design and construction of 7 kg induction funnels.

ACADEMIC PUBLICATIONS

- Okoye G.U., Aro O. (2022). Foundry Technology and Forging Operation.
- Ariyo Lawrence R., Okoye Godfrey U. (2015). Foundry Technology Workshop Manual and Laboratory Report.
- Engr. J. Chikwe, TGSF G.U. Okoye (2020). Metrology and Quality Control, published in Nigeria by Mel Chizerek.
- Engr. J. J. Chikwe, G.U. Okoye, N. Odhunogu (2019). Mechanics of Machines, published in Nigeria by Muchizedek.
- Engr. J. J. Chikwe, Engr. K. Orinuturin, Okoye G.U. (2018). Quality Assurance.
- Ohurunogu Nathaniel O., Azike Shadrach E., Oloko Ganuyi A., Okoye Godfrey U. (2015). Basic Manual for Plant Service and Maintenance Engineering.
- Otobo Daniel O., Okoye Godfrey U., Azike Shedrach E., Kivic Ovie, Engr. Mould A. Practical Manual for Machine Tool Technology.

- Otobo Daniel O., Okoye Godfrey U., Azike Shedrach E. (2016). Workshop Manual for Basic Mechanical Practical.

FELLOWSHIP AND AWARDS

- **2020** – Tertiary Education Trust Fund (TETFund) Fabrication Grant, Federal Government.
- **2020** – Best Class Adviser Award, Mechanical Department.
- **2016** – International Conference of School of Engineering on Sustainable Engineering Solutions for Energy and Initialization.
- **2015** – Yaba College of Technology, Lagos Research Fair.

MAJOR CONTRIBUTION TO THE DEVELOPMENT OF TECHNOLOGY

- Designed and fabricated a pedal-operated hand sanitizer three-in-one (sanitizer, water and soap) dispenser to prevent the contact transmission of COVID-19 (2020) at Yaba College of Technology.
- Establishment of the Nigerian Institute of Mechanical Engineering (2021), Yaba Chapter.

PROFESSIONAL ACTIVITIES AND SERVICES

- **Registered,** Council for the Regulation of Engineering in Nigeria (COREN) 2026
- **Cooperate Member,** Nigerian Society of Engineers 2026
- **Executive Member**, Nigerian Institution of Mechanical Engineers, Yaba Branch 2021
- **Board Member**, Nigeria Youths Aid Program (NYAP)
- **Member**, Nigerian Association of Technologist in Engineering 2015
- **Member**, Mechanical Departmental Accreditation Committee on Workshop 2014
- **Stakeholder**, Exclusive Community Development Association 2014
- **Member**, Departmental Welfare Committee 2013

SKILLS

Technical / Engineering Skills: Design, fabrication and construction of equipment, Documentation, Research, Data collection.

Soft Skills: Teamwork, Excellent communication, Problem-solving, Time management, Critical thinking, Confidence, Planning.

Other Skills: Workshop management, Safety management.

REFERENCES

Dr. Ofodile, N. L.
Biological Department
Yaba College of Technology
Yaba, Lagos
Phone: 08033004212

Engr. Chikwe, J. J.
Mechanical Engineering Department
Phone: 08164909583

Mrs. Benjamin, O. A.
Ikeja GRA, Lagos.
Phone: 08033034301