

ADEKOYA, ANTHONY ANTHONY Ph.D

LECTURER IN ENGINEERING

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SUMMARY

Passionate Lecturer in engineering over 20 years enriching experience. Proficient in innovative teaching methods and enhancing student outcomes. Recorgised for contributing to curriculum development for Nigeria Board for Technical Education (NBTE) in HND mechatronics engineering.

SUMMARY

Robotics Automation Dynamics Artificial intelligence Control Mechanics Mechatronics

MATLAB Tutoring Smart Systems Curriculum Development Student Engagement

Innovative teaching methods Editorials

EDUCATION

Institutions attended:

Osun State University, Nigeria (PhD) 2023 - 2026
Newcastle University, UK 2020 – 2021
Federal University of Agriculture Abeokuta, (FUNAAB) 2010 – 2014
Federal University of Technology, (FUTA) Akure. 2002 – 2006
Yaba College of Technology, Yaba Lagos. 1997 – 1999
Federal Polytechnic Ilaro, OgunState. 1992 – 1994
Japara High School, Ijebu Igbo. 1984 – 1990

Education Qualification

PhD in Mechanical Engineering
MSc in Automation and Control
MEng in Mechanical Engineering
PGD (Upper Credit) Mechanical Engineering
HND (Upper Credit) Mechanical Engineering
ND (Upper Credit) Mechanical Engineering
West Africa School Certificate

PROFESSIONAL ASSOCIATIONS

Member of the Council for the Regulation of Engineering (COREN)
Member of the Nigerian Society of Engineers (MNSE)
Member of the Nigerian Institute of Mechanical Engineers (MNI MechE)
Fellow Institute of Corporate Administration (FCAI)

ADDITIONAL RESPONSIBILITY

Editor, Journal of Science and Engineering Research
Peer Reviewer, International Journal of Intelligent Transportation

EXPERIENCE

Jan. 2010 – Till Date

Lagos, Nigeria

Lecturing

Yaba College Of Technology, Full – Time
Mechatronic Engineering Department
Principal Lecturer

Lecturing the following Courses in:

Introduction to Mechatronics, Properties of Materials, Mechanical Engineering Science, Mechanics of Machine, Strength of Materials, Artificial Intelligence, Robotics Industrial Control (PLC), Emerging Mechatronics and Automation Technologies, Industrial Automation and Robotics,...

PUBLICATIONS

Journal Papers

Application of Linear Programming to Reduce Traffic Congestion in Urban Centres: A Case Study of Lagos State Transportation Authority.

Adekoya, O. Anthony, Adedeji, W. Oyediran , Oyelami, Seun, Adeboye Busayo

Design and Implementation of a Smart Energy Monitoring Statem for Multi-Socket Outlets Using IoT.

Anthony Olayinka Adekoya. Adekunle Phillips Adewuyi, Wasiu Oyediran Adedeji, Busayo Adeboye, Seun Abideen Temitayo Oyewo

Fault Detection and Diagnosis in Industrial Automation using Machine Learning-Based Predictive Maintenance.

Wasiu O. Adedeji, Seun Oyelami, **Anthony O. Adekoya**, Abideen T. Oyewo

Design and Development of Radio Frequency Identification (RFID) Car Parking Management System

Adedeji W. Oyediran, Seun Oyelami, **Adekoya O. Anthony**, Babajide J. Ojerinde, Illyasu K. Okediran and Oriyomi O. Adetayo.

Determination of Cathodic Protection of Galvanized and Mild Steels in Ibeshe Seawater using Zinc as Sacrificial Anode

Femi T. Owwoye, Olayide R. Adetunji, Adenife P. Axodo, Micheal Emoekpere and **Anthony Olayinka Adekoya**

Drainage Water Monitoring and Control System Using Programmable Logic Controller

Anthony Olayinka, Adekoya, Taiwo Semiu, Amosun and Wasiu Oyediran, Adedeji

Design and Simulation Of Programmable Logic Controller Based Multi-Channel Fire Detection and Alarm System

Wasiu Oyediran, Adedeji, and Anthony Olayinka, Adekoya

Automatic Water Level Control System Using Programmable Logic Controller

Wasiu Oyediran, Adedeji , Olakunle, Olukayode, Seun Oyelami, **Anthony Olayinka, Adekoya**, Kehinde Adenike, Oyewole, Busayo Sunday, Adeboye and Gbemileke Abiodun, Abioye

■ Design and Simulation of Programmable Logic Controller Based Multichannel Fire Detection and Alarm System

*Wasiu Oyediran, Adedeji, **Anthony Olayinka, Adekoya**, Olakunle, Olukayode, Kehinde Adenike, Oyewole And Taiwo Semiu, Amosun.*

Design and Construction of Hybrid Authentication (Swiping and Biometric) Access Control.

*Ogunrewo, O. F., Osokoya, S. O. Koledoye T. O. & **Adekoya, A. O.***

Implementation of Microcontroller Based Car Park System.

*Babalola, I. T., Yekini, N. A. & **Adekoya, A. O.***

Determination of Alternative Fuel Pms Generators

*Osokoya, S. O., Ogunrewo, O. F., Sodiq, K. and **Adekoya, A. O.***

Engineer in Society.

Adekoya A. O., Adedeji W. O. & Fatuase Fred

Corrosion Prevention in Oil Pipeline: A Panacea to Oil Leakage.

Adekoya A. O., Tokunbo-cole, M. O., Obisanya A. A., Udo Sunday Bassey & Adedeji, O. L.

Performance Analysis of Gas Turbine Energy Output: A Case Study of Trans-amadi Power Station II.

*Ebifemi A. S., Igoma N. E, Kolo J. G. **Adekoya, A. O.***

Sustainable Transport System in Nigeria, Issues and Performance

Lasisi M.A, Adelana S. O, Molokwu M. I Uhunwagho E., Salami, L.A, & Adekoya A. O.

Management of Safety Practices in Lagos.

*Adedeji, W. O., **Adekoya. A. O.** & Oloko G. A.*

Comparative Analysis of Signal Strengths of Mobile Networks in Yaba College Of Technology.

■ *Osokoya, S. O., Ogunrewo, O. F., **Adekoya, A. O.** & John, S. O.*

CONFERENCE PAPERS

■ Design and Fabrication of an Automated Maize Shelling Machine: Enhancing Efficiency in Agricultural Processing

*Solomon Obaolapo Oyegbami, **Anthony Olayinka Adekoya***

Design and Fabrication of Cassava Peeling Machine

*Solomon Obaolapo Oyegbami, **Anthony Olayinka Adekoya***

The Effect of Smart Traffic Controller System on the Traffic Congestion At Jibowu Underbridge In Lagos.

Adekoya A. O., Adetunji O. R., Adedeji W. O. & Obisanya A. A.

Energy Utilisation In Nigeria Food Manufacturing Industry.

*Adedeji, W. O., Adesina, A. O., Obisanya, A. A. & **Adekoya A. O.***

Energy & Exergy Analysis and Carbon (iv) Oxide. Emission of an Aluminium Extrusion Plant.

■ *Adedeji, W. O., Adesina, A. O., Obisanya, A. A. and **Adekoya, A. O.***

The Effect of Smart Traffic Controller System on the Traffic Congestion At Jibowu Underbridge In Lagos.

Adekoya A. O., Adetunji O. R., Adededeji W. O. & Obisanya A. A.

Development of Forecasting Model for Oil Spillage from Selected Oil Company Data in Nigeria.

Adekoya A. O., Aiyedun, P. O. Oddiah, A. O. & Oghene A. M.

Teristics Of Plantain Peel

Oghene, A. M., Oddiah, A. O. & Adekoya A. O.

The Role of Basic Apparatus in Conducting Scientific Practical Experiment for Teaching Engineering Courses.

Oddiah, A. O., Oghene, A. M., & Adekoya A. O.

Energy Utilisation in Nigeria Food Manufacturing Industry.

Adededeji, W. O., Adesina, A. O., Obisanya, A. A. & Adekoya A. O.

Design And Modelling of Smart Traffic Controller System: An Interface Between National And International Endeavours

Adekoya, A. O., Ogunrewo, O. T. And Babalola, I. T.

Energy Utilization in Bread Production in Osogbo, Nigeria: An Interface Between National And International Endeavours

Adekoya, A. O., Adededeji, W. O. And Osokoya, S. O.

BOOKS AND LABORATORY MANUALS

Industrial Safety Management.

Adekoya A. O.

Fundamental of Mechanical Engineering Science (Statics & Dynamics)

Adekoya A. O.

Materials Handling Handbook (Volume One)

Adekoya A. O.

Teach Yourself Engineering Drawing.

Udo, S. B. & Adekoya A. O.

Fundamentals Of Metrology.

Adededeji, W. O., Orintunsin T. K., Adekoya, A. O. & Oddiah, A. O.

Metrology Laboratory Experiements & Practical Exercises.

Ize-balogban, O. O., Adekoya A. O. & Oddiah, A. O.

Basic Workshop Practice

Adededeji, W. O., Bello, M. A., Adekoya A. O. & Borokinni F. O.

Laboratory Manual For Mechanical Engineering Science Practical.

Adededeji, W. O & Adekoya, A. O.

Fluid Mechanics with Worked Examples.

Omofunmi E. O., Adekoya A. O.

REFERENCES WILL BE MADE AVAILABLE ON REQUEST