

CURRICULUM VITAE



Engr. Akinbode Alani OWODOLU

EDUCATION

Degree	Discipline	Institution	Year
M.Eng.	Mechanical Engineering (Mechatronics Engineering Option)	Covenant University of Ota , Ogun State	2018
B.Eng.	Mechatronics Engineering	Bells University of Technology Ota, Ogun State	2022
Post-graduate Diploma	Mechanical Engineering	Federal University of Technology, Akure, Ondo State	2011
HND	Mechanical Engineering	Federal Polytechnic Ilaro, Ogun State	2006
Professional Diploma	Welding and Fabrication	Gateway Industrial and Petro-Gas Institute, Oni ,Ogun State	2010
Professional Diploma	Education	Federal College Osiele, Abeokuta, Ogun State	2010
Proficiency Certificate	Management	Nigerian Institute of Management, Akwa-Ibom	2007

ACADEMIC EXPERIENCE

From – To Date	Institution	Rank/Title	Status of Appointment (Full Time/Part Time)
October 23, 2025 –Date	Federal University of Agriculture, Abeokuta, Nigeria	Lecturer II	Full time

MEMBERSHIP OF PROFESSIONAL BODIES

- i) Registered Engineer (COREN). , 2017
- (ii) Nigerian Society of Engineers (MNSE) 2016
- (iii) Nigerian Institute of Safety Professionals (NISP), 2009
- (iv) Teacher Registration Council of Nigeria (TRCN), 2016
- (v) Nigerian Institute of Management (NIM), 2008
- (vi) Registered COREN Technician.,2007
- (vii) Nigerian Society of Engineering Technicians (MNISET), 2007
- (viii) Student Membership of Nigerian Institute of Welding (NIW) ,2009

COMMUNITY SERVICE TILL DATE

- 1. Examiner, West African Examination Council (WAEC)
- 2. Examiner, National Examination Council (NECO)
- 3. Member Community Development Service /CDA

SELECTED PUBLICATIONS

Adekunle T. OYELAMI* Moyosore A. ADELAKE, Akinbode A. OWODOLU (2025). Design and Implementation of A Wi-Fi Enabled Multi-Zone Voice Controlled Lighting System Using Amazon Alexa and NODEMCU (Esp8266) Microcontroller, *Journal of Engineering and Intelligent Technology* 2(1) 49-55

Adekunle T. OYELAMI*, Michael C. MODU, Samuel O. DASAOLU,, Akinbode A. OWODOLU, and Moses O. OLAGUNJU(2025). Design And Implementation of an IOT-Enabled Smart Water Purification System with Real Time Quality Monitoring *Journal of Engineering and Intelligent Technology* 2(1)56-64

Owodolu Akinbode A, Christian Bolu A, Samuel Ayuba and Babaremu Kunle O. (2018). Development of a Counting System Method for Managing Crowd Using Image Sensing Device, *IOP Conf. Series: Materials Science and Engineering* 413 (1) 012059 doi:10.1088/1757-899X/413/1/012059

A. A. Owodolu, C Bolu, A. A. Abioye and K. U. Efemwenkiele (2018) Development of a System for Counting of People Using MultiCamera and Sensors. *IOP Conf. Series: Materials Science and Engineering* 413 (1) 012001 doi:10.1088/1757-899X/413/1/012001

Owodolu.A.A., Christian Bolu, Abioye A.A., Boyo H.O. and Onyiagha G (2018). A Systematic Human Counting At Guest House Using Sensing Device Technique *International Journal of Scientific and Research Publications*, 8(3),7554 377ISSN 2250-3153 DOI: 10.29322/IJSRP.8.3.2018.p7554

MAJOR CONFERENCES ATTENDED AND PAPERS PRESENTED:

(a).4th College of Engineering International conference: Sustainable Engineering in the era of digital and green transformation, Federal University of Agriculture Abeokuta, 2026. Paper presented:

- i. Development of an Automated Vision-Based Brown Bean Sorting System
- ii. Development of a Voice Controlled Robot For Enhanced Mobility
- iii. A System Base Counting Method for Crowd Management Using Image Sensing Device
- iv. Simulation And Additive Manufacturing Of A Crankshaft Component Using Fused Deposition Modelled Techniques Compliance
- v. Development and Performance Evaluation of an Image-Based Crowd Counting System Using Computer Vision Techniques

(b) **2nd International Conference**

- i. 5-Day International Conference on Engineering for a Sustainable World (ICESW)
Covenant University, Ota, Ogun State, Nigeria ,2017
- ii. 5-Day International Conference on Engineering for a Sustainable World (ICESW)
 1. Covenant University, Ota, Ogun State, Nigeria ,2018.