

# CURRICULUM VITAE

## BIODATA

**NAME:** ADENIJI, OLUSEGUN ADELEKE

**GENDER:** MALE

**STATE OF ORIGIN:** OGUN STATE

**NATIONALITY:** NIGERIAN

**MARITAL STATUS:** MARRIED

**RELIGION:** CHRISTIANITY

**CONTACT ADDRESS:** 5, SOLOMON SEKONI CLOSE, EGBO ROAD, ILARO, OGUN STATE.

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**PRESENT POSITION:** LECTURER II

## INSTITUTIONS ATTENDED WITH DATES

<b>INSTITUTION ATTENDED</b>	<b>DEGREE OBTAINED</b>	<b>YEAR</b>
Federal University of Agriculture, Abeokuta (FUNAAB)	M.Eng (Research-based Master of Engineering) in Electrical Machines and Power Systems Option	2010 – 2014

**UPDATED DATE: 2019**

Obafemi Awolowo University, Ile-Ife, Osun State	B.Sc. (Bachelor of Science) Electronic & Electrical Engineering	2001 - 2006
The Federal Polytechnic, Ilaro, Ogun State	National Diploma (ND) Electrical/Electronic Engineering	1998 – 2000
Ijemo Titun High School, Ibara Abeokuta, Ogun State	Senior Secondary School Certificate (SSCE)	1992 - 1998

## **ACADEMIC QUALIFICATIONS WITH DATES**

M.Eng (Master of Engineering)	<b>2014</b>
B.Sc (Bachelor of Science)	<b>2006</b>
ND (Undergraduate National Diploma)	<b>2000</b>
SSCE	<b>1998</b>

## **PROFESSIONAL QUALIFICATION:**

COUNCIL FOR THE REGULATION OF ENGINEERING IN NIGERIA (COREN – R50547)

## **MEMBERSHIP OF LEARNED SOCIETIES AND PROFESSIONAL BODIES**

CORPORATE MEMBER - NIGERIAN SOCIETY OF ENGINEERS, ILARO BRANCH

MEMBER - INSTITUTE OF ELECTRICAL ELECTRONICS ENGINEERS (IEEE)

**UPDATED DATE: 2019**

# WORKING EXPERIENCE AT THE FEDERAL POLYTECHNIC ILARO

<b>PRESENT POSITION</b>	LECTURER II
<b>DATE OF PRESENT POSITION (LECTURER II)</b>	JANUARY, 2018
<b>DATE OF LAST PROMOTION (LECTURER III)</b>	JANUARY, 2013
<b>DATE OF FIRST APPOINTMENT (ASSISTANT LECTURER)</b>	OCTOBER, 2009

## a. ACADEMIC EXPERIENCE

i. **Teaching Experience:** Development of lecture notes/teaching materials in line with designed curriculum, delivery of lecture, Conduct of practical in the laboratory and workshop, conduct of tutorial classes, prepare, administer, mark and record tests and examinations to evaluate students' progress, students' projects supervision and research.

ii. **Courses Taught:**

Electrical Power I	EEC 122
Electrical Power II	EEC 232
Electrical Power III	EEC 242
Electrical Machines II	EEC 233
Electrical Machines III	EEP 327
Instrumentation and Control	MEC314
Testing Methods and Reliability Engineering	EEC 324

iii. **Research Interest:** Stability of Power Systems, Renewable Energy, FACTS Controllers and Optimization of Hybrid Energy Systems

## **b. ADMINISTRATIVE EXPERIENCE**

- i. Departmental Examination Officer (DEO) for Electrical/Electronic Engineering Department
- ii. Departmental SIWES Coordinator for Electrical Engineering
- iii. Class Adviser (ND II Electrical/Electronic Engineering Department)
- iv. Secretary, Departmental Students 'Audit Committee'
- v. Member, Budget and Project Committee, School of Engineering
- vi. Member, Departmental Library Committee

## **SERVICES OUTSIDE FEDERAL POLYTECHNIC, ILARO**

### **i. TOMMY TOAK ENGINEERING SERVICES, ISABO (INDUSTRIAL ATTACHMENT) OCTOBER 1999 TO DECEMBER 1999**

Mapping Out, Route Surveying and Profiling for new areas, Erection of poles, drawing and laying of Conductor, learning to use important Electrification tools, etc

### **ii. NEPA AKIN-OLUGBADE OFFICE, ABEOKUTA, OGUN STATE (INDUSTRIAL ATTACHMENT) MAY, 2004 TO JULY, 2004**

Surveying of area to be supplied with Transformer, transformer and feeder pillar testing and installation, provision of earthing for transformers, maintenance of 11kV and 33kV lines, replacement of distribution line accessories e.g. insulators, channel irons, poles, J & P Fuses, etc, fault tracing, meters installation, testing on completed installations, etc

### **iii. ELECTRICAL DIVISION, MINISTRY OF SPECIAL DUTIES, OKE-MOSAN, ABEOKUTA, OGUN STATE (INDUSTRIAL ATTACHMENT) JANUARY, 2005 TO JUNE, 2005**

Generator installation, operation and maintenance, Provision of protective systems for Electrical installations, Electrical Design Wiring and Installations, Provision of electrical Services at government functions, Provision of earthing for generators, etc

## SELECTED ACADEMIC PUBLICATIONS

### a. RECENT JOURNAL PUBLICATIONS:

Adeniji O.A. & Mbamaluikem P.O. (2017). “Voltage Stability Enhancement and Efficiency Improvement of Nigerian Transmission System using Unified Power Flow Controller” *American Journal of Engineering Research*, Vol. 6(1) 37 – 43.

Adeniji O.A. & Fadare S.A. (2017). Renewable solar energy Utilisation by domestic consumers in Nigeria: challenges and solutions. *International journal of engineering sciences & research Technology*, 6(11), 434 – 439

Okoye, C. U., Adeniji, O. A., & Sunmonu, A. O. (2017). A study and performance evaluation of Olorunsogo thermal Power plant in Nigeria. *International journal of engineering sciences & research technology*, 6(12), 151-157.

Adeniji O.A., Olowofela S.S. & Omolola S.A. (2016). “Impact Of Step B Equipment On Research Work In Education Sector: Investigating The Performance Characteristics Of A Shaded-Pole Motor” *Journal of Academic Staff Union Polytechnics*, Vol.1(1), p101-107

Fadare S.A. and Adeniji O.A. (2016). “Technical Analysis on Repair of LED Torchlight” *International Journal of Engineering Sciences and Research Technology*, Vol. 5(12)

### b. RECENT CONFERENCE PAPERS:

Adeniji O.A. & Omolola S.A. (2018). “Active Power Loss Minimization In Transmission Systems Using UPFC” A paper presented at the First International Conference of The Federal Polytechnic, Ilaro held on 5<sup>th</sup> to 7<sup>th</sup> November, 2018

Adeniji O.A. (2016). “Engineering Research In Nigerian Polytechnics: Challenges And Way Forward” A Paper presented at the ASUP (Ilaro Chapter) 5<sup>th</sup> National Conference held between 16<sup>th</sup> to 19<sup>th</sup> October, 2016

Adeniji O.A. and Omolola S.A.(2016). “Application Of Static Var Compensator To Nigeria’s 28-Bus Transmission System” being a Paper presented at the 2<sup>nd</sup> International Conference of the School of Engineering, YABATECH held between 19<sup>th</sup> to 21<sup>st</sup>, July, 2016

Adeniji O.A and Oloyede E.O.(2016). “A New Approach To Design Of Electrical Installations For Domestic Consumers” A paper presented at the 3<sup>rd</sup> National Engineering Conference of the School of Engineering, The Federal Polytechnic Ilaro, held between 7<sup>th</sup> to 10<sup>th</sup> of March, 2016

Adeniji O.A. and Mathew T.O. (2016), “Determination of Bus Voltages of Nigeria’s 330kv transmission system” A paper presented at the 3<sup>rd</sup> National Engineering Conference of the School of Engineering, The Federal Polytechnic Ilaro, held between 7<sup>th</sup> to 10<sup>th</sup> of March, 2016

## **UNPUBLISHED DISSERTATION:**

Master’s (M.Eng) Research Dissertation (2013 – 2014): Effects of Unified Power Flow Controller on Power System Voltage stability, Federal University of Agriculture, Abeokuta, Ogun State

## **MAJOR RESEARCH UNDERTAKEN:**

1. Master’s (M.Eng) Research (2013 – 2014): Effects of Unified Power Flow Controller On Power System Voltage stability
2. Group Research (2015 – 2016): Design and Implementation of an Automatic Change Over Switch with Phase selector using Microcontroller

## **ONGOING RESEARCH:**

1. Design and Construction of a Low-Cost, Three-Axis Computer Numerical Control Machine with Solar Renewable System(TETFUND Sponsored project – June 2019 till date)

**UPDATED DATE: 2019**

2. Design and Implementation of A Microcontroller-Based Hydroponic System Using Solar Renewable Energy (TETFUND Sponsored Project - June 2019 till date)

## **COMMUNITY SERVICE**

Career Counseling (Speaking on diverse topics like Engineering as a Profession, How to attain academic Excellence, etc) for:

1. Yewa College, Ilaro, Ogun State
2. Ijemo Titun High School Old Students' Association (ITHSOSA), Housing Estate, Ibara, Abeokuta, Ogun State
3. The Redeemed Christian Church of God (RCCG) Youths, Jesus Livingspring Parish, (House of Joy) Idi-Aba, Abeokuta, Ogun State.
4. Itolu High School, Ilaro, Ogun State.

## **EXTRA-CURRICULAR ACTIVITIES**

Playing Chess and Table Tennis, Listening to Music and News,

## **REFERENCES**

1. Engr.Dr. O.P. Aiyelabowo  
Head of Department, Electrical/Electronic Engineering Department,  
The Federal Polytechnic Ilaro, Ogun State  
[peter.aiyelabowo@federalpolyilaro.edu.ng](mailto:peter.aiyelabowo@federalpolyilaro.edu.ng); +2347057860954
2. Engr. Samuel Omolola  
Chief Instructor, Electrical/ Electronics Engineering  
The Federal Polytechnic, Ilaro, Ogun State  
[samuel.omolola@federalpolyilaro.edu.ng](mailto:samuel.omolola@federalpolyilaro.edu.ng); +2348033615047