

CURRICULUM VITAE

1. Bio data

Name: Mbamaluikem, Peter Obinna
Date and Place of Birth: 1st November, 1982 / Obeagu, Awgu L.G.A, Enugu State
Gender: Male
State of Origin: Enugu State
Nationality: Nigeria
Marital Status: Married
Number & Ages of children: 3 / 7 years, 4 years, & 5 months
Religion: Christianity
Contact Address: Department of Electrical/Electronics Engineering
School of Engineering, Federal Polytechnic Ilaro, P.M.B. 50,
Ilaro, Ogun State, Nigeria.
E-mail Address: mbamaluikem@gmail.com,
peter.mbamaluikem@federalpolyilaro.edu.ng
Phone No: 0802 582 9209, 0706 513 9495
Present Position: Lecturer III

2. INSTITUTIONS ATTENDED WITH DATES

INSTITUTION ATTENDED	YEAR
Covenant University, Ota, Ogun State	2015 - 2018
Enugu State University Of Science And Technology (ESUT), Enugu	2002 - 2007
Community Secondary School Obeagu, Awgu L.G.A, Enugu State	1994 - 2000
Central School Eke, Udi L.G.A, Enugu State.	1988 - 1994

3. ACADEMIC QUALIFICATIONS WITH DATES

QUALIFICATION OBTAINED WITH DATE	YEAR
Master of Engineering (M.Eng.), Electrical /Electronics Engineering	2018
Bachelor of Engineering (B.Eng.), Electrical /Electronics Engineering	2007
Senior school Certificate	2000
First School Leaving Certificate	1994

5. Membership of Learned Societies & Professional Bodies:

Year of update: 2019

Member, Nigeria Society of Engineers

6. WORKING EXPERIENCE:

a. Academic Experience

i. Teaching Experience: Nine (9) Years

ii. Courses Taught

Course Title	Course Code
---------------------	--------------------

Electrical Power System III	EEC 329
-----------------------------	---------

Electrical Power and Machine	EEE 442
------------------------------	---------

Electrical Material Science	EEC 347
-----------------------------	---------

Electrical Machine 1	EEC 123
----------------------	---------

Electrical Engineering Science I	EEC 115
----------------------------------	---------

Electrical Engineering Science II	EEC 125
-----------------------------------	---------

Electrical Circuit theory I	EEC 239
-----------------------------	---------

Electrical Power III	EEC 242
----------------------	---------

Electrical Machine II	EEC 233
-----------------------	---------

iii. Research Interest: Power System, Fault Diagnosis, Artificial Intelligence

b. Administrative Experience:

i. Deanship of School: Nil

ii. Headship of Department/Unit: Nil

iii. Membership of Committees:

S/N	Committee	Level	Designation	Duration
1	Exam Officer	Department	Exam Officer	Feb., 2019 - Date
2	Exam Officer	Department	Assistant Exam Officer I	2015 – Feb., 2019
3	Staff welfare committee	Department	Chairman	Apr., 2012 - Feb., 2019
4	Class Adviser HND II	Department	Advisor	June, 2012 - 2015
5	Distinguished Lecture Series 2	School of Engineering	Secretary	June, 2012 - 2014
6	Practical Manual collation committee	Department	Secretary	Aug., 2012 - Dec., 2012

7	Departmental SIWES Coordinator	Department	Assistant coordinator	2011 – 2013
---	--------------------------------	------------	-----------------------	-------------

7. **Services outside the Federal Polytechnic, Ilaro:** Nil

8. **Scholarship/Fellowship & Prices:** Nil

9. **Academic Publications:**

a. **ACADEMIC JOURNAL PUBLICATIONS**

Mbamaluikem, P. O., Aderemi, O. S., Awelewa, A. A. (2018). Fault Identification System for Electric Power Transmission Lines Using Artificial Neural Networks. *International Journal of Scientific & Engineering Research (IJSER)*, 9(2), 678-685.

Mbamaluikem, P. O., Awelewa A. A. & Samuel I. A. (2018). An Artificial Neural Network-Based Intelligent Fault Classification System for the 33-kV Nigeria Transmission Line. *International Journal of Applied Engineering Research (IJAER)*, 13(2), 1274-1285.

Awelewa A. A., Mbamaluikem P. O. & Samuel I. A. (2017). Artificial Neural Networks for Intelligent Fault Location on the 33-kV Nigeria Transmission Line. *International Journal of Engineering Trends and Technology (IJETT)*, 54(3), 147-155.

Adeniji, O. A. & Mbamaluikem P. O. (2017). Voltage Stability Enhancement and Efficiency Improvement of Nigeria Transmission System Using Unified Power Flow Controller. *American Journal of Engineering Research (AJER)*, 6(1), 37-43.

b. **Book Chapters/Book Publications:** Nil

c. **Conference Papers:**

Mbamaluikem, P. O., Olabode, O. R. & Adedokun, A. G. (2018), Artificial Neural Network Based Smart Shunt Fault Recognition System for the 33-kV Nigeria Power Lines. *1st Federal Polytechnic, Ilaro International Conference and Exhibition on the Technological Innovation and Global Competitiveness*. Theme: Knowledge & Technological Innovation for Global Competitiveness held at International Conference Centre, Federal Polytechnic, Ilaro, Ogun State, on November 5-8, 2018.

Mbamaluikem, P. O. & Aiyelabowo, O. P. (2016). Towards Introducing Pumped Storage Hydro for Sustainable Rural Electrification and Energy Poverty Reduction. *13th National Conference of Academic Staff Union of Polytechnics (ASUP) on Diversification of the Nigeria Economy amidst Global Economic Crisis*, Kano State Polytechnic, Kano. November 7 – 10, 2016.

Mbamaluikem, P. O, Aiyelabowo, O. P & Ogunyemi J. (2016). Smart Grid: The Future for Nigeria Electricity for Today and Tomorrow. *3rd National Engineering Conference on Challenges of Energy, Transformation, Technical Education and Transfer of Technology on Sustainable Economic Growth in Nigeria*, School of Engineering, Federal Polytechnic Ilaro, Ogun State. March 7 – 10, 2016.

Udoh, U. J. & Mbamaluikem, P. O. (2016). Determination of Power Efficiency in Solar Installations using the Solar Panel I-V Characteristics. *3rd National Engineering*

Year of update: 2019

Conference on Challenges of Energy, Transformation, Technical Education and Transfer of Technology on Sustainable Economic Growth in Nigeria, School of Engineering, Federal Polytechnic Ilaro, Ogun State. March 7 – 10, 2016.

Engr. Kukoyi, O. O. & Mbamaluikem, P. O. (2012). On Application of STEP-B Equipment: Investigation of the Performance Characteristics of a Split Phase Motor. 1st International Conference on Sustainable Development Strategies, Cross River University of Technology, Calabar.

Adeniji, O. A., Omolola, S. A., Mbamaluikem, P. O., & Olowofela, S. S. (2012). FACTS Devices: A new approach to Power Transmission Control in Nigeria. 2nd National Conference of the School of Engineering, Federal Polytechnic, Ilaro. November 12 – 15, 2012.

- d. **Unpublished Projects & Dissertation:** Mbamaluikem, P. O. (2018). *Development of an Intelligent Fault Locator for the 33-kV Nigeria Electric Power Lines*. Ota: Covenant University Master's theses.
- e. **Major Research Undertaken:** Development of an artificial Neural Network Based Intelligent Fault Locator for the 33-kV Nigeria Electric Power Lines

10. Community Services Undertaken:

COMMUNITY	DATE
Chairman, 21 days Annual Fasting and Prayer program for St. Joseph Catholic Church, Ilaro, Surulere, Post Office Road, Ilaro	(2017 - Date)
Deanery Coordinator, CCRN Ado-Odo Deanery, Abeokuta Diocese, Ogun State	(2014 - Date)
Assistant Secretary, CCRN Abeokuta Diocesan Service Team, Ogun State,	(2014 - Date)

11. Extra-Curricular Activities: Playing Football & Reading Books

12. References

Dr. A. A. Awelewa

Senior Lecturer, Department of Electrical Information Engineering
Covenant University, Ota, Ogun State.
0907 192 3918

Dr. I. A. Samuel

Senior Lecturer, Department of Electrical Information Engineering
Covenant University, Ota, Ogun State.
0818 946 2049

Engr. O. O Kukoyi

Chief Lecturer, Department Electrical/Electronics Engineering
Federal Polytechnic Ilaro
0803 416 8113

