

CURRICULUM VITAE

1. PERSONAL

Name in Full	OLAOGUN Peter Olayemi
Date of Birth:	1 st September 1984.
Place of Birth:	Ilaro, Ogun State
Age	42 years
Sex:	Male.
Marital Status:	Married.
Nationality	Nigeria
Town & State of Origin	Abeokuta, Ogun State
Contact Address	Amazing Grace Villa, Babalola Estate, Orisun-Ayo CDA, Rounda, Abeokuta
Phone Numbers	+234 (0) 8073928250, 8068063492
E-mail	olaogunpo@funaab.edu.ng
Present Post	Lecturer II

2 EDUCATIONAL BACKGROUND

(I) Educational Institution Attended (with Date)

- | | |
|--|------------|
| i.Federal University of Agriculture Abeokuta | 2024-date |
| ii.Federal University of Agriculture Abeokuta | 2019-2024 |
| iii.Olabisi Onabanjo University, Ago-Iwoye | 2012-2016 |
| iv.The Federal Polytechnic Ilaro | 2006-2008 |
| v.The Federal Polytechnic Ilaro | 2002-2005 |
| vi.Anglican Grammar School Ilaro | 1995-2001 |
| vii.The Federal Polytechnic Staff Primary School Ilaro | 1989-1995. |

(II) Academic Qualifications (with dates)

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| i.Ph.D. Electrical Power & Machines (in view) | (2024 – Present) |
| ii.M.Eng. Electrical Power & Machines | (2024) |
| iii.B.Sc. Electrical and Electronics Engineering | (2016) |
| iv.HND Electrical Engineering | (2008) |
| v.I ND Electrical/Electronic Engineering | (2005) |
| vi.Senior Secondary School Certificate Examination (WASCE) | (2001) |
| vii.First School Leaving Certificate | (1995) |

(III) Professional Qualification

- i.Registered Engineer (2019) - Council for the Regulation of Engineering in Nigeria (48,868)
- ii.Corporate Member (2025)- Nigeria Society of Engineers NSE (71474)
- iii. Corporate Member (2025)- Nigeria Institution of Electrical/Electronic Engineers NIEEE (M-15763)
- iv.Corporate Member (2025) – Nigeria Institution of Facilities Engineering and Management NIFengM (M0426)

(IV) AWARDS/COMMENDATIONS

Foluseke Abidemi Foundation for best paper presenter award at the 21st International Conference and Exhibition on Power and Telecommunication (ICEPT) 2025, hosted by Nigeria Institution of Electrical and Electronics Engineers. Themed: Digital Infrastructure and Innovation For inclusive Economy Growth held at Oshogbo Osun State. Nigeria. October 13-17th 2025.

3 WORK EXPERIENCE

- i.Ogun State Economic Transformation Project (OGSTEP) – World Bank Assisted.
Role:-Asst. Rural Infrastructure Engineer (Mid-Level) | 2024 – 2025
- ii.Ogun State Ministry of Rural Development - Senior Engineer (Electrical) 2011 – 2024
- iii.Project Engineer (On Secondment)- Federal Rural Electrification Agency & World Bank Assisted

- iv. Desk Officer (Infrastructure Engineer) Community and Social Development Agency – World Bank/FGN Assisted Project | 2020 – 2024

4 SPECIAL ASSIGNMENT/ COMMUNITY SERVICE

- i. Public Relation Officer Orisun-Ayo Community Development Association.
- ii. Former Secretary, Ogun State Energy Working Group (SEWG)

5 TRAINING, PROGRAMMES ATTENDED

- i. Nigerian Electricity Management Service Agency (NEMSA) 2nd Stakeholder Forum. Theme: Enforcement of Technical Standards and Regulations, Safety, Testing and Certification in Nigeria. International Conference Centre, Abuja. 18th November 2018.
- ii. Solar Powered Water Pumping System Design & Installation Training – EAUXWELL Nigeria Ltd (2018), City Lodge Hotels, Lekki, Lagos State. 19th – 21st June, 20218.

6 MEMBERSHIP OF PROFESSIONAL BODY

- i. Registered Engineer - Council for the Regulation of Engineering in Nigeria with COREN.
- ii. Cooperate Member - Nigeria Society of Engineers NSE,
- iii. Cooperate Member - Nigeria Institution of Electrical/Electronic Engineers NIEEE
- iv. Cooperate Member – Nigeria Institution of Facilities Engineering and Management NIFengM.

7 PUBLICATIONS & RESEARCH WORKS

1. Dissertations/Thesis

- i. **Olaogun P. O (in progress)**: Comparative Studies of Time - and Frequency Domain Solutions Techniques for Power System Stability Analysis and Enhancement of the Nigerian 330kv Electricity Grid (Ph.D. Thesis), Department of Electrical and Electronics Engineering, Federal University of Agriculture Abeokuta.
- ii. **Olaogun P. O (2024)**: Power system transient stability improvement using Static synchronous Compensator, M. Eng. Thesis, Federal University of Agriculture, Abeokuta, Ogun State.
- iii. **Olaogun P. O (2016)**: Assessment of power consumption patter, using 7MW mini-power Plant, Oke-Mosan, as a case study , B.Sc. Project Report, Olabisi onabanjo University, Ago-Iwoye, Ogun State.

2. Journal Article in Print

- 1. Matthew S., Adebisi O.I. Adedokun J.L. **Olaogun P.O** (2026) Renewable Energy and food security: Advancing the SDG Nexus through Integrated Energy-Agriculture Transition. Journal of Natural Science Engineering and Technology Federal University of Agriculture Abeokuta.
- 2. Adebisi, O.I., Sulaiman, R.K., Amusa K.A., Akinwale, A.T., **Olaogun, P.O.** and Terry, S.G. (2026) Comparative Analysis of Series and Shunt Active Power Filters as Mitigation Strategies for Harmonic-Induced Power Loss in an Electricity Distribution Network.
- 3. C. Erinosho¹, O. I. Adebisi¹, A. Abayomi², A. R. Owosibo³, Mathew Simeon¹, **P. O. Olaogun¹**, E. Goodness¹ (2026) Development of a Mobile Integrated Smart Intrusion Detection System for Critical Power Assets ” has been reviewed and accepted for publication in UNIABUJA Journal of Engineering and Technology (UJET).
- 4. Adebisi, O. I., Nuga O. O., Ogundare, A.B., Raji, A. A., Olanipekun, A. J., **Olaogun, P. O.** and Bamkole, A. S. (2025) *Development of an Internet of Things based Heart Rate Monitoring System*. Engineering Headway Vol.33, pp 221-235
- 5. Adebisi, O. I., Akinyemi, M. A., Amusa, K. A., Alayaki, F. M., Erinosho, T. C., **Olaogun P. O.** and Ita, M. A. (2026) *Dependency of Soil Resistivity on Soil Factors for Optimal Grounding System Performance: A Case Study of Six Sites at FUNAAB, Nigeria*. Applied Mechanic and Materials Vol.932 pp163-173
- 6. **Olaogun P.O**, Adebisi O.I, Adejumbi I.A., Adams D.O., (2024) *Transient Stability Improvement on Power Networks Using Static Synchronous Compensator – Arid-Zone Journal of Basic & Applied Research*, AJBAR Vol. 3(1): Pp 42-64 Published by Faculty of Science, Borno State University, Maiduguri,

7. **Olaogun P.O.**, Adebisi O.I., Adejumobi I.A., Adams D.O., (2024) *Application of Static Synchronous Compensator for Power System Stability* – Arid-Zone Journal of Basic & Applied Research, AJBAR Vol. 3(1): Pp 65-87 Published by Faculty of Science, Borno State University, Maiduguri,
8. Adebisi, O.I., **Olaogun, P.O.**, Adedokun, J.L. & Falasinnu, V.O. (2023): *Steady State Modeling of Unified Power Flow Controller for Voltage Profile and Power Loss Improvement in an Electricity Grid*. International Journal of Basic Science and Technology, 8(3): 135 – 145. Published by Faculty of Science, Federal University, Otuoke, Bayelsa State.
9. Adebisi O.I., Adedokun, J.L., **Olaogun, P.O.** & Ogunbowale, P.E. (2023): *Analysis of Flexible Alternating Current Transmission Systems Devices for Voltage Stability and Power Flow Control: SVC and STATCOM as a Case Study*. International Journal of Basic Science and Technology, 9(2): 71 – 84. Published by Faculty of Science, Federal University, Otuoke, Bayelsa State.

3. Papers in Refereed Conference Proceedings

1. **Olaogun P. O.**, Adebisi O. I. & Ezekiel O.D. (2025) *Performance Enhancement of Power System Network Using STATCOM*. Delivered at NIEEE 21st International Conference and Exhibition on Power and Telecommunications ICEPT 2025. Osogbo Osun State accepted on 25th August, 2025
2. **Olaogun P. O.**, Adebisi O. I. & Ezekiel O.D. (2025) *Analysis of Transient Stability for Performance Enhancement of a Multi-Machine Power System Network* Delivered at NIEEE 21st International Conference and Exhibition on Power and Telecommunications ICEPT 2025. Osogbo Osun State accepted on 28th August 2025.
3. Olanrewaju P. Olaogun., Vincent .J Fakiyesi., Adurangba V. Oje., Nathaniel j. Hunsu., **Peter O Olaogun** (2025) *Academic Resilience in Engineering- The Role of Risk and Protectives Factors on Student Performance*. (In-Progress) delivered at IEEE Frontiers in Education Conference, Nashville Tennessee, United States Accepted on 21st February 2025.

8. MAJOR CONFERENCES ATTENDED

1. 4th College of Engineering International Conference (CICE 2026), Federal University of Agriculture Abeokuta COLLENGE. Themed sustainable Engineering in the Era of Digital and Green Transformation.
2. Nigeria Institution of Electrical and Electronics Engineering 21st International Conference and Exhibition on Power and Telecommunications ICEPT 2025. Osogbo, Osun Sate 13th-17th October, 2025'
3. 7th FUTA Engineering Conference, Theme: “Innovative Solutions for Sustainable living and Environmental Challenges” at The Federal University of Technology, Akure (FUTA), Ondo State, Nigeria. 22nd –24th July 2025.
4. Workshop on Integrated Water Resources Management – Federal Ministry of Water Resources & Sanitation (2024) Ogun-Osun River Basin Authority, Alabata, Abeokuta, Ogun State. 11th – 13th September 2023.
5. 3rd College of Engineering International Conference, Federal University of Agriculture Abeokuta COLLENGE 2021 .
6. International Conference on Renewable Energy – GIZ/NESP April (2018)
7. Nigerian Institution of Water Engineers (NIWE) International Conference. Olusegun Obasanjo Library, Abeokuta, Ogun Sate 13th – 18th October 2018.

9.EXTRA-CURRICULAR ACTIVITIES

- Listening to Music
- Networking & Community Engagement
- Football and Outdoor Activities.