**PROFILE OF ENGR. MATTHEW SIMEON**

1. **Brief Biography**

**Engr. Matthew, Simeon** is a lecturer and researcher in the Department of Electrical and Electronics Engineering, Federal University of Agricultury Abeokuta (FUNAAB). He holds B. Eng. in Electrical and Electronics Engineering from the Federal University of Agriculture, Makurdi, Benue State, Nigeria and M. Eng. degree in Electrical Machines and Power Systems Engineering from the FUNAAB where he is currently undertaking is PhD research. He is a corporate member of the Nigerian Society of Engineers (MNSE) and a COREN registered Engineer. His research interest includes: Power Systems Security, Renewable Energy, Demand Side Management, Industrial control and automation.



1. **Personal Information**

(a) Name in Full: MATTHEW, Simeon

(b) Date of Birth: April 2, 1979

(c) Place of Birth: Inye, Kogi State

(d) Age: 44 Years

(e) Sex: Male

(f) Marital Status: Married

(g) Nationality: Nigerian

(h) Town and State of Origin: Inye, Kogi State

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1. **Department:** Electrical and Electronics Engineering
2. **Email:** [matthews@funaab.edu.ng](mailto:matthews@funaab.edu.ng)
3. **Phone Number:** +2347038429266
4. **Rank:** Lecturer I
5. **Designation:** Engr.

**viii. Research gate:** researchgate.net/profile/Simeon-Matthew

**ix. linkedin:** linkedin.com/in/simeon-matthew-a88b78132/

**x.** **google scholar:** scholar.google.com/citations?user=TZQ9dkUAAAAJ&hl=e

**xi.** ORCID ID: <https://orcid.org/0000-0001-9501-711X?lang=en>

**xii.** **Qualification:** M. Eng. (Electrical Machines and Power Systems)

**xiii.** **Membership of Professional Bodies:** Corporate Member, Nigerian Society of Engineers

**xiv.** **Awards**

* 1. PZ Award for Best Graduating Student Electrical/Electrical Engineering 2006 - 2007
  2. Gandy Engineering Limited Award for Best Graduating Student Electrical and Electrical Engineering 2006 - 2007
  3. Vice-Chancellor’s Scholarship Award for University Scholars, Federal University of Agriculture, Makurdi 2003 – 2007

**xv. Research Conducted**

M. Eng. Research on power system stability improvement using static var compensator

**xvi. Conferences Attended**

2018 IEEE PES/IAS PowerAfrica,River Club, Cape Town, South Africa

**xvii. Publications**

1. **Matthew S**., Wara S T., Adejumobi A. I., Ajisegiri E.S.A., and Olanipekun A. J. (2014). “[Power system’s voltage stability improvement using static var compensator](https://www.researchgate.net/profile/Samuel-Wara-Tita/publication/298166101_Power_System's_Voltage_Stability_Improvement_Using_Static_Var_Compensator/links/5a393ae8a6fdcc4d69a6f55d/Power-Systems-Voltage-Stability-Improvement-Using-Static-Var-Compensator.pdf)” *International Journal of Emerging Technology and Advanced Engineering, 4:* 494-501
2. **Matthew S**., Wara S., Adejumobi I. A. and Amuta E. (2018). “Minimization of Active Transmission Loss in Power Systems using Static Var Compensator”. *International Journal of Applied Engineering Research,* 13(7): 4951-4959
3. **Matthew S**., A. Elizabeth, S. T. Wara, A. Adoghe and O. Hope, (2018) "Efficient Energy Management System Using Pir Sensor," 2018 IEEE PES/IAS PowerAfrica, 601-606, doi: 10.1109/PowerAfrica.2018.8521059.
4. Amuta E., Wara S. T, Agbetuyi F., **Matthew S**., Shomefun T. (2019). “Hybridization of Biomass – Solar PV (Photovoltaic) Microgrid Power System Potentials for Kaduna in Nigeria” *International Journal of Mechanical Engineering and Technology,* 10(3):1910-1918
5. Anabi H. K., Uyi A. S., **Matthew S.,** Okoyeigbo O., Aligbe A., Atayero A. A. (2021). “The quality of service of the deployed LTE technology by mobile network operators in Abuja-Nigeria,” International Journal of Electrical and Computer Engineering 11(3):2191-2202
6. Orovwode H., **Matthew S**., Agbetuyi A. F. Adoghe U. A., Amuta E., (2021). "Development of a Starter with Protective Systems for a Three-Phase Induction Motor”, *Journal of Engineering*, 2021: 1-8
7. Agbetuyi A. F., Abdulkareem A., Orovwode H. E., Oladipupo O. K., **Matthew S**, Agbetuyi O. A. (2021) Power quality considerations for embedded generation integration in Nigeria: A case study of ogba 33 kV injection substation”. *International Journal of Electrical and Computer Engineering* 11(2): 956-965
8. Orovwode H. E., **Matthew S**., Amuta E., Agbetuyi F. A., Isaac O. (2021) “Carbon Footprint Evaluation and Environmental Sustainability Improvement through Capacity Optimization*”, International Journal of Energy Economics and Policy,* 11(3): 454-459
9. Amuta E. O., Wara S. T., Agbetuyi A. F., Orovwode H. E., **Matthew S**., Somefun T. (2022) “Microgrid System Evaluation Using Capacity Factor for an Off-grid Community in Nigeria”, *International Journal of Energy Economics and Policy,* 12(2), 181-187
10. OlajubeA. A., **Matthew S**., Amuta E. O., Aligbe A., Uyi A. and Adoghe A. U. (2021) “BIPV Potentials in Overcoming Energy Challenges in Sub-Saharan Africa,” IOP Conf. Ser.: Mater. Sci. Eng. 1107 012182
11. Orovwode H., **Matthew S**., Amuta E. Alashiri O. (2020). “Losses in the Nigerian Distribution Systems: A review of classification and strategies for mitigation” *International Journal of Engineering Research and Technology,* 13(11):3251-3254
12. Afolabi G., Orovwode H., Abdulkareem A., Adoghe A., **Matthew S**. (2019). “The Influence of Meteorological Features on the Performance Characteristics of Solar Photovoltaic Storage System”, [*Journal of Physics: Conference Series*](https://iopscience.iop.org/journal/1742-6596), [1378](https://iopscience.iop.org/volume/1742-6596/1378)(3)
13. Amuta E., Wara S., Agbetuyi F., and **Matthew S.** (2018). “Smart Grid Technology Potentials in Nigeria: An Overview,” *International Journal of Applied Engineering Research* 13(2): 1191-1200.
14. **Matthew S**., A. U. Adoghe, S. T. Wara and J. O. Oloweni, (2018). "Renewable Energy Integration Enhancement Using Energy Storage Technologies," 2018 IEEE PES/IAS PowerAfrica, 864-868, doi: 10.1109/PowerAfrica.2018.8521075.