

i. 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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ii. Department: Electrical and Electronics Engineering

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iv. Phone Number: +2347038429266

v. Rank: Lecturer I

vi. Designation: Engr.

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

ix. linkedin: [linkedin.com/in/simeon-matthew-a88b78132/](https://www.linkedin.com/in/simeon-matthew-a88b78132/)

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

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

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

xiv. Awards

- a) PZ Award for Best Graduating Student Electrical/Electrical Engineering 2006 - 2007
- b) Gandy Engineering Limited Award for Best Graduating Student Electrical and Electrical Engineering 2006 - 2007
- c) 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](#)" *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. Olajube A. 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*, [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.