



CURRICULUM VITAE

Engr. Dr. **Osahenvemwen** Osakpamwan Austin, MNSE; COREN REGD

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OBJECTIVES

- To be a part to dynamic and challenging environment that will bring out the best me to contribute efficiently and effectively to the overall goals and objectives of the organization.
- To excel in every set goals, everyone imagination can be realized through GOD almighty.

BIODATA

Date of birth:	31st, August, 1975
Place of birth:	Benin City
Sex:	Male
Nationality:	Nigerian
State of origin:	Edo State
Local Govt. Area of origin:	Ovia South- West
Marital status:	Married
Religion:	Christianity

INSTITUTION ATTENDED WITH DATES

- | | |
|------------------------------|------------|
| ➤ University of Benin | 2008-2014 |
| ➤ University of Benin | 2004- 2005 |
| ➤ Ambrose Alli University | 1996-2003 |
| ➤ Adolor College, Benin City | 1989-1994 |
| ➤ Ediaken Primary School | 1982-1988 |

EDUCATION QUALIFICATION OBTAINED WITH DATES

- | | |
|--|------------|
| ➤ Doctor of Philosophy (PhD) | 2008-2014 |
| ➤ Master Degree in Electronic and Telecommunication | 2004-2005 |
| ➤ Bachelor Degree in Engineering (B.ENG) in Electrical and Electronic | 1996-2003 |
| ➤ Health Safety and Environmental Officer
(HSE component SPDC Accredited) | 2003 |
| ➤ Senior Secondary School Certificate (SSCE) | 1989-1995 |
| ➤ First School Leaving Certificate | 1982- 1988 |

MEMBER OF PROFESSIONALS BODIES

- The Nigeria Society of Engineers (NSE) with Reg. No 20418
- The Council of the Regulation of Engineering in Nigeria (COREN) with reg. No: R20,800.

WORKING EXPERIENCES

- ✓ NYSC Primary posting at technical college, Ogbomosho South, Oyo State. **2003**
- ✓ Contract staff with Nigerian Telecommunication plc **2004-2005**
- ✓ Managerial experience in a private sector (Osa's and sons venture at located at Okpaghe road in Eyaen village along Benin Auchi road) with manpower of about 50 staff **2006-2007**
- ✓ Lecturing position, with Ambrose Alli University, Ekpoma. **2007- till day**
- ✓ Senior lecturer, presently position with Ambrose Alli University, Ekpoma **2014**

EXPERIENCE CAPACITY

- ✓ Good knowledge of both land line and mobile communication (GSM) include; architecture hardware, Integration of Fault Management (IFM), teletraffic Engineering and CDMA 2000 system.
- ✓ Also knowledgeable in LAN Protocol, WAN protocol and TCP/IP suit Design, installation and maintenance of PABX intercom system for Institutions, Hospitals, Hotels, Schools etc.
- ✓ Expert in mobile communication networks traffic analysis and performance (teletraffic)
- ✓ Computer knowledge in micro software, MATLAB software, basic, java program
- ✓ Electrical and Electronic Engineering Courses taught, for the past ten years ranging from Engineering foundation (pre-Degree) program, undergraduate to postgraduate study are as follow;

Undergraduate Courses Taught

EGR 011: Introduction to Engineering
GEE 211: IT in Engineering
ELE 304: Physical Electronics
ELE 308: Computer Network and Services
ELE 318: Numerical Methods
ELE 402: Communication Principles
ELE 407: Digital Devices and Logic Circuit
ELE 409: Engineering Mathematics VI
ELE 502: Reliability Engineering
ELE 508: Communication systems
ELE 522: Antenna and Propagation
ELE 518: Telecommunication Engineering

Postgraduate Courses Taught

ELE 736: Analogue Communication System
ELE 707: Computer control system
ELE 613: Digital Electronic
ELE 614: Communication Principle

POSITION HELD IN AMBROSE ALLI UNIVERSITY WITH DATES

- Course Adviser for 300 level, 2007/2008 Academic Session **2008**
- Course Adviser for 400 level, 2008/2009 Academic Session **2009**
- Course Adviser for 300 level, 2009/2010 Academic Session **2010**
- Course Adviser of 400 level, 2010/2010 Academic Session **2011**
- Foundation program coordinator of Electrical and Electronic Department, 2011/2012 Academic Session **2011**
- Course Adviser of 300 level from 2011/2012 to 2013/2014 Academic Session **2012-2015**
- Departmental Examination Officer for 2015/2016 Academic Session **2016- Till Day**

RESEARCH AREA

My research areas involves mobile communication networks (both in GSM and CDMA2000 networks) which covered the hardware architecture, Integration of Fault Management (IFM), teletraffic Engineering, Signaling protocol, transmission channels, communication drawback and operational mode. Satellite communication networks and prevailing drawback associated with satellite implementation and power system. In addition, the MIMO technology, implementation and possible merit deduced from this technology.

PAPERS PUBLISHED WITH DATES

2008 TILL DATE

- [1] **Osahenwemwen, O.A** and Omorogiwa, O.
Electric Power Transmission Line Fault in Nigeria a case study of Benin Irrua 132kVA Transmission Line. Medwell Inter. Journal of Electrical and Power Engineering 2(6):384-388,- **2008**
(<http://docsdrive.com/pdfs/medwelljournals/ijepe/2008/384-388.pdf>)
- [2] **Osahenwemwen, O.A** And Omorogiwa, .O
Wind Electric Power System in Edo State, Medwell Inter. Journal of Electrical and Power Engineering 3(1):13-18, **2009**. (<http://docsdrive.com/pdfs/medwelljournals/ijepe/2009/13-18.pdf>)
- [3] M.J.E Evbogbai, F.E. Ogieva and **A.O. Osahenwemwen**,
Voltage-Time Characteristic of Solar Panel in Ambrose Alli University, Ekpoma, Medwell. Inter. Journal of Electrical and Power Engineering 3(1):31-35, **2009**.
(<http://docsdrive.com/pdfs/medwelljournals/ijepe/2009/31-35.pdf>)
- [4] A.M.O Obiazi, F.I Anyasi, O.K. Okokuje, J.B Erua & **A.O. Osahenwemwen**
An Innovative Technique in Switch Electrical Appliances an Omni-directional RF remote control Switch Mechanism, Medwell Inter. Journal of Electrical and Power Engineering 4(4):268-271, **2009**.
(<http://docsdrive.com/pdfs/medwelljournals/jeasci/2009/268-271.pdf>)
- [5] **Osahenwemwen, O.A** and Omorogiwa, O.
Design and Construction of a Temperature Monitoring Device for Computer Room, Inter. Journal of Engineering Vol.3, No.4 (**2009**) 327-336.
- [6] O.Omorogiwa and **A.O. Osahenwemwen**
Design and Construction of a Fire Detection and Alarm System, International Journal of Physical Science Vol.2, No.4 (**2010**), Pp14-23.
- [7] **Osahenwemwen, O.A** and Omorogiwa O.
Effective performance of Private Automatic Branch Exchange (PABX), Intercommunication system, Journal of Research in Engineering, Vol. 7 No.2, Pp71-77, **2010**.
(<http://www.irdionline.com/world/JOURNAL%20OF%20RESEARCH%20IN%20ENGINEERING%2007.2.pdf>)

PAPERS PUBLISHED WITH DATES CONTD.

- [8] Omorogiuwa, O. and **Osahenvemwen, O.A**
An Overview of Network Firewall Technologies “Internet Security”, Journal of Engineering Science and Applications (JESA), Vol.7, No 1, (2010),Pp 48 -63.
- [9] **Osahenvemwen, O.A** And Omorogiuwu.O
Analysis on GSM Fault Management Unit, Journal of Engineering Science and Technology Review, Athens Greece, 4(1), 2011, Pp 62-67. (www.jestr.org/downloads/volume4/fulltext112011.pdf)
- [10] **Osahenvemwen, O.A** . and Omatahunde, B.E
Availability index on Electric Power Supply, Using Ekpoma Injection Sub-Station as case study, India Global Journal of Engineering and Tech., Vol .4, No.3, (2011), Pp433-436
- [11] **Osahenvemwen, O.A.** and Emagbetere, J.O.
Determination of Busy Hour in Mobile Communication in Nigeria, Global Journal of Research in Engineering, volume 11, issue 3, version 1.0, April 2011, Global Journal Inc.USA.
(https://globaljournals.org/GJRE_Volume11/1-Determination-of-Busy-Hour-in-Mobile-Communication-in-Nigeria.pdf)
- [12] **Osahenvemwen, O.A** and Ojieabu, C.E
Quantitative comparison between the GSM Networks and CDMA2000 Networks, Research Journal in Engineering & Applied Sciences. 1(1), 2012, Pp 41-44,USA
(<http://citeseerx.ist.psu.edu/viewdoc/download;jsessionid=29B23699597E3A8502CFABAC2B9FBEC E?doi=10.1.1.672.5859&rep=rep1&type=pdf>)
- [13] **O.A. Osahenvemwen** and J. Emagbetere
Determination of traffic Load and traffic Performance Parameters in mobile communication in Nigeria, Research Journal of Applied Sciences, Engineering and Technology, 4(11): 1432-1437, 2012.
(<http://research.ijcaonline.org/volume51/number9/pxc3881462.pdf>)
- [14] **Osahenvemwen, O.A.**, and Emagbetere J.
Traffic Analysis in Mobile Communication in Nigeria
Journal of Emerging Trends in Engineering and Applied Sciences (JETEAS), 3(2): 239-143, 2012, (ISSN:2141-7016),USA.
(<http://jeteas.scholarlinkresearch.com/articles/Traffic%20Analysis%20in%20Mobile%20Communication%20in%20Nigeria.pdf>)
- [15] **Osahenvemwen, O.A.**, Edeko, F.O. and Emagbetere, J.
The Effects of Ostentatious calls in GSM Networks, International Journal of Computer Applications, (0975– 888), Volume 48– No.9, June 2012, 33, USA.
(<http://research.ijcaonline.org/volume48/number9/pxc3880214.pdf>)
- [16] **Osahenvemwen, O.A.**, Edeko, F.O. and Emagbetere J.
Elusive Statistical Property of Arrival Rate and Holding Time used in Mobile Communication Networks, International Journal of Computer Applications (0975 – 8887), Volume 59–No.2, 2012, 15, USA. Page 15-18.(<http://research.ijcaonline.org/volume59/number2/pxc3883922.pdf>).
- [17] J.B Erua, **O.A. Osahenvemwen** and S.F. Iyere
An Overview of Correlation between Communication and Wealth in Nigeria case study, African Journal of science, Vol. 14, No 1 August 2013, Page 3108 -3120.(Nigeria)
- [18] **Osahenvemwen, O.A.**, Edeko, F.O. and Emagbetere, J.
Traffic Modeling in Mobile Communication Networks, Journal of Control Theory and Informatics, ISSN 2224-5774, Volume 3– No.4, page38-50 August 2013, USA.
(<http://www.iiste.org/Journals/index.php/CTI/article/view/7594>)

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- [19] **O.A. Osahenvemwen** and O. Omorogiuwa
Empirical Modeling and Evaluation of Signal Strength in Cellular Networks, the Journal of the Nigerian institution of Production Engineers, Vol.15, June **2013**,ISSN 1117-5893,Page 209-218.(UNIBEN)
- [20] **Osahenvemwen, O.A.** and Omorogiuwa, O.
Effect of Rain on Satellite Communication Networks in Nigeria: Case Study of Warri Town, Journal of Nigeria Association of Mathematical Physics, Volume 25,No 2, (**2013**), Pp107-114. (UNIBEN)
- [21] **Osahenvemwen, O.A.** and Emagbetere J. O.
The Empirical Pattern of Arrival Rate in Mobile Communication Networks (GSM), Journal of Nigeria Association of Mathematical Physics, Volume 25, No 2,(**2013**), Pp 115-120. (UNIBEN)
- [22] **Osahenvemwen O.A.** and Omatahunde, B.E
Evaluation of Power Supply Outages in Edo State, Nigeria, Journal of Nigeria Association of Mathematical Physics, Volume 25, No 2, (**2013**), Pp 89-94.(UNIBEN)
- [23] **Osahenvemwen, O.A.** and Ogbeide, K. O.
Reliability of Computer System, Journal of Nigeria Association of Mathematical Physics, Volume 26, (**2014**), Pp 427-432. (UNIBEN)
- [24] **Osahenvemwen, O.A.** and Odiase, O.F.
Comparative Study of Blocking Probability used in Mobile Communication Networks, Journal of Nigeria Association of Mathematical Physics, Volume **26**, (**2014**), Pp 375-378. (UNIBEN)
- [25] **Osahenvemwen, O.A.** and Omorogiuwa, O.
Integration of Broadband Satellite Networks for Nigeria, case study of Warri town, Journal of Engineering Science and Applications (JESA), Vol.8, No 1,(June, **2014**), 74 -83.
- [26] **Osahenvemwen, O.A.** and Ogbeide, K. O.
The Role of Internet and Effects on Nigerians, International Journal of Engineering Innovation & Research Volume 3, Issue 4, ISSN: 2277 – 5668 (**2014**), page 460-453
(http://ijeir.org/administrator/components/com_jresearch/files/publications/IJEIR_989_Final.pdf)
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- [28] **Osahenvemwen, O.A.**, Omatahunde B.E and Erua J.B.
Implementation of Internet hot spot facilities, World Journal of Biotechnology Vol.15, Number 1,Pp 2252-2261, **2014**.
- [29] Omorogiuwa O. and **Osahenvemwen O. A.**, Overview of TCP performance in satellite communication networks, International Journal of Technical Research and Applications e-ISSN: 2320-8163, Volume 3, Issue 3,PP. 360-364. (<http://www.ijtra.com/view/overview-of-tcp-performance-in-satellite-communication-networks.pdf>), **2015**.
- [30] **Osahenvemwen, O. A** and Omorogiuwa, .O, Parametric modeling of voltage drop in power distribution networks, International Journal of Technical Research and Applications e-ISSN: 2320-8163, Volume 3, Issue 3, PP. 356-359, (<http://www.ijtra.com/view/parametric-modeling-of-voltage-drop-in-power-distribution-networks.pdf>), **2015**
- [31] **Osahenvemwen, O.A.**, Subjective Speech Evaluation on Mobile Communication Networks, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 4, Issue 10,(http://www.ijirset.com/upload/2015/october/1_Subjective.pdf), **2015**.
- [32] **Osahenvemwen, O.A.** and Ikheba, O.S., Evaluation of Qos in mobile communication networks International Journal of Computer Science and Telecommunications, Volume 6, Issue 11, page 24-29, December **2015**. (http://www.ijcst.org/Volume6/Issue11/p4_6_11.pdf)
- [33] **Osahenvemwen, O.A.**, Enoma, O. C. and Aitanke, H., Evaluation of Transmission Losses and Efficiency, Ideal Journal of Engineering and Applied Sciences 1(1) 1-6 (ISSN: 2067-7725), (**2015**) (<http://ijeas.truescholar.org/articles/EVALUATION%20OF%20TRANSMISSION%20NP.pdf>)

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- [34] **Osahenwemwen, O.A.**, and Odiase, O. F., Effective Utilization of Mobile Call Center Using Queuing Models, IACSIT International Journal of Engineering and Technology, Vol. 8, No. 2, page107-111, (<http://www.ijetch.org/vol8/867-W1002.pdf>) February **2016**.
- [35] **Osahenwemwen, O.A.**, Iyere, S.F., and Francis, O. Performance Evaluation of an Inverter, Journal of Engineering Science and Applications (JESA), ISSN 1115-8518, Volume 9, No 1, Page 56-68. (**2016**)
- [36] **Osahenwemwen, O.A.** and Oshodin, O.D., The Empirical Modeling and investigation of Solar Panel tilt angle analysis. (**Accepted for publication**)
- [37] **Osahenwemwen, O.A.**, Omatahunde, B.E and Ikheba, O.S., Performance Analysis of Solar Panel Sizing (**Accepted for publication**)
- [38] **Osahenwemwen, O.A.** Review of Radiation Emitted from Base Stations and the Effect on Human Beings

THESIS

PhD thesis by **Osahenwemwen .O. Austin**, Traffic analysis and Modeling of mobile radio network in Nigeria: A case Study of Lagos State, at University of Benin, **2014**

BOOKS PUBLISHED

- 1) M.S.Okundamiya and **A.O. Osahenwemwen** (2014), Principles of Computer Communication Network, Stemic publications, Benin City, Nigeria, ISBN: 978-3224-27-9.
- 2) **Osahenwemwen O.A** Teletraffic on Mobile Communication Networks: undergoing review.
- 3)

CONFERENCES PROCEEDINGS ATTENDED WITH DATE AND WITH CERTIFICATE OF ATTENDANCES

[1] **Osahenwemwen O.A.** and Emagbetere J.O., Sustainability of Mobile Communication Networks in Nigeria, proc. Journal of Emerging Trends in Engineering and Applied Sciences (JETEAS) 5(7): (ISSN: 2141-7016), page 95-100. International Conference on Emerging Trends for Sustainable Development and Human Capacity Building in the third World Nations (**ICETSDHCB 2014**) at Ghana (**2014**).

[2] **Osahenwemwen, O.A.**, Evaluation of Mobile Communication Network Performance. International Conference on “Engineering Computer, Basic and Applied Science **ECBA-2016**, ISBN 978-969-548-2, Dubial. (**2016**)

[3] **Osahenwemwen, O.A.** and Odiase, O. F., Effective management of Handover Process in Mobile Communication Networks, International Conference on “Engineering Computer, Basic and Applied Science **ECBA-2016**, ISBN 978-969-548-2, Dubial. (**2016**)

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- International Journal of advances in Engineering Research (India)
- International Journal of Research in Science and Technology (India)
- International Journal of Innovations in Scientific Engineering (India)

HOBBIES

Anything, which poses challenge especially in the area of achieve set goals playing chess game and watching football.

REFEREES

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