

CURRICULUM VITAE

PERSONAL DETAILS

Prefix: Dr., Engr, Prof.

Names: Okonigene Robert Ehimen

Date of Birth: 28/04/1966

Place of Birth: Zaira, Kaduna State

State of Origin: Edo

LGA: Esan Central Local Government Area

Nationality: Nigeria

Tribe: Esan

Native of: Ikekiala Usugbenu Irrua

Religion: Christian

Marital Status: Married

Number of Children: Five [Tracy (24), Lawrence (14), Raymond (12), Richard (11), Rose (9)]

Home Address: 15 Ikekiala Usugbenu Irrua Esan Central LGA., Edo State

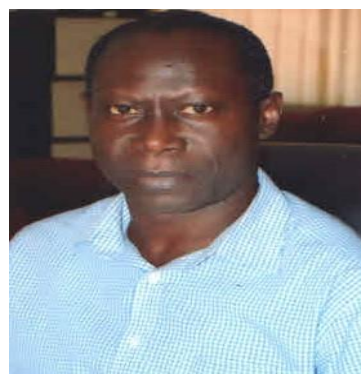
Postal Address: Department of Electrical & Electronics Engineering, Faculty of Engineering and Technology, Ambrose Alli University, P.M.B 14, Ekpoma, Edo State, Nigeria.

Employer: Ambrose Alli University Ekpoma, Edo State (Academic Staff).

Status: Professor of Communication Engineering

Mobile numbers: +2348056322139, +2348060616639

e-mail address: robokonigene@yahoo.com, robokonigene@aauekpoma.edu.ng.



EDUCATIONAL INSTITUTIONS ATTENDED

(1) UNIVERSITY EDUCATION

(1a) AbubakarTafawa Balewa University (A.T.B.U) Bauchi:

(i) Under Graduate Program (six years degree program) 1983-1989

- **Qualification: B.Eng (Hons) Electrical and Electronics Engineering, August 1989**

(ii) Postgraduate degree (Masters Degree), 1990 to October 1992

- **Qualification: M. Eng (Electronics Engineering) October 1992**

(1b) Ambrose Alli University, Ekpoma

- **Qualification: PhD degree in Communications Engineering July 2008.**

(2) Secondary Education

Government Science Secondary School Toro, Bauchi 1978-83.

- **Qualification: GCE 'O' Level Certificate.**

(3) Primary Education

Primary 1 and 2 St. Theresa Primary School Zaira 1972-73

Primary 3-5 Ungwar Bornu Primary School Bauchi, 1973-76

Primary 5-7 Army Children School Bauchi 1976-78.

- **Qualification: Primary School Leaving Certificate**

(4) Responsibilities

- Financial Secretary, Engineering Student Association A.T.B.U., Bauchi 1986-1988.
- President Man 'O' War (Cadet) Club A. T. B. U, Bauchi 1987-1989.
- Provost Bendel State Student Union A.T.B.U Bauchi 1986-1988.
- Badminton Captain A.T.B.U, Bauchi, 1984-1988.
- Class representative Electrical/Electronic Engineering Program A.T.B.U, Bauchi 1987-1989.
- Best student project award winner in Electrical and Electronics Engineering Programme 1987/88 and 1988/89 academic session.
- Lecturing undergraduate students, 1990 to June 1994.

(iv) **Projects**

- 500 Level (5th year) Project: Oscilloscope Ping-Pong game (February 1988)
- 600 Level (6th or Final year) Project: Microprocessor Based Actuated Traffic Light Controller (June 1986).
- 700 Level (post graduate master's degree) Research Project: Application of Two Dimensional Fast Fourier Transform (2D-FET) in Medical Nuclear Magnetic Resonance (NMR) Imaging (June 1992).
- Lecturing, July 1994 to date.
- Member Science Club.

PROFESSIONAL BODY AFFILIATION

- Corporate Member Nigerian Society of Engineers (MNSE),
- Registered Member COREN (R.Eng) (R.8589), March 2001
- Member American Council on Science and Education

GRANT

Dr Okonigene R. E., "A Proposed Module: Communications and Computer Networking Multipurpose Systems Learning Module", Year 2009/2010
Education Trust Fund Research Projects Intervention (N9,666,170.00 ≈ USD \$63,177.00), (@ N153 to 1 USD)

AWARDS (partial lists)

- Best student project award winner in Electrical and Electronics Engineering Programme 1987/88 and 1988/89 academic session ATBU Bauchi.
- The Global Lifetime Achievers International Gold Award (GLAIGA 2012), conferred on him by the Nigerian Topleaders International Magazine.
- Great African Achievers Leaders Legacy Award (30/11/2013) by Noble Global News Magazine.
- Academic Noble International Award (06/10/2012) conferred by Institute of Industrial Administration and elected Fellow of the Institute.
- Fellow Strategic Institute for Natural Resources and Human Development (FRHD, 28/05/2008).

- Ikekiala Usugbenu youth association merit award for Academic Achievement.

PARTIAL LIST OF NOMINATION FOR AWARD

- 2014 African Role Model Award for Excellence by AfricanAGE International Magazine.
- Pillars of Nation Building Award as Member of Academia 2011 by Strategic Institute for Natural Resources and Human Development.
- Fellowship of the Civilian Institute of Democratic Administration (FCIDA, 14/06/2013).
- Fellowship of the Institute of Policy Management Development (FIPMD, 17/04/2014).
- African Integrity Legendary Leadership (South Africa Award 2014).
- Distinguished Contributions to Educational Administration (11/08/2010) by Institute of Corporate Administration.
- National Academic Medal of Honour Award 2017 (29/07/2017) by Afrinews Independent Magazine.

PUBLICATIONS

(a) Tertiary Text Books

- (1) **Okonigene Robert Ehimen**, Omorogiuwa Owen, Obaseki Theophilus Imafidon “simplified Approach to Engineering Mathematics”, vol. II, Stemic Publications, Benin City, October 2004.
- (2) **Okonigene Robert Ehimen**, Evbogbai Ma-Riekpen Jacob Edekin and Omorogiuwa Owen, “Simplified Approach to Engineering Mathematics”, vol. I, Stemic Publications, Benin City, October 2004.
- (3) Engr. Prof. Okonigene Robert Ehimen, 27/04/2023, “Communication Engineering: An Israelite Journey To The Land of Canaan”, 100th inaugural lecture series Ambrose Alli University, Ekpoma, Nigeria, Thursday, April 27, 2023, Sciengtex Publishing.

(b) Articles in learned journals (Scholarly Publications)

1997

(1) **Okonigene R.E**, Akpaida V.O.A, Jeremiah C., "A Microprocessor based vehicle actuated traffic light control", JEEE, Vol. 2, No. 2, August 1997, pg. 34-42.

2000

(2) **Okonigene R.E**, Ighalo G.I, Elogie F.O, "Temperature compensated Battery Charger", JEE, Vol. 5, No. 1, April 2000, pg. 63-68.

(3) **Okonigene R.E**, Aliyu O.U, "Coded Nuclear Magnetic Resonance (NMR) for the purpose of Medical Imaging", JESA, Vol. 2, No. 1, June 2000, pg. 18-29.

2003

(4) **Okonigene R.E**, Omorogiuwa O., and Otaigbe S.I, "Setting up a VSAT in the University for internet connectivity" JABS Ekpoma, vol. 1, No. 1 & 2, July 2003, pg. 50 - 53.

2004

(5) Edekin M.J. Evbogbai, Adagboyin M.O Obiazi, **Robert E. Okonigene**, Martins Ibhaze and Alex A. Oseyomon, "Design and construction of a dual purpose electric arc welding machine using locally available materials", Journal of Applied Sciences, Enugu, vol. 7, No. 2, June 2004, pg. 4201 - 4211.

(6) Evbogbai M.J.E., **Okonigene R.E.**, and Obioru E.O., "Reliability Study of Electric power supply in Ekpoma Distribution Area of National Electric Power Authority (NEPA)", JSET, Enugu, vol. 11, No. 3, 2004, Pg. 5692 - 5704.

(7) Edekin M.J. Evbogbai, **Robert E. Okonigene** and Franklin A.Utiome, "Electrical Power Supply Problems in an Oil Producing Area NEPA SAPELE undertaking as a case study", JAS, vol. 7, No. 2, 2004, Pg. 4142 - 4152.

(8) **Okonigene R.E**, and Evbogbai M.j Edekin, "Design and construction of a d.c power supply unit for a 1000W audio power amplifier", JAS Enugu, vol. 7, No. 3, 2004, Pg. 4425 - 4435.

(9) Anyasi F.I, **Okonigene R.E**, and Akpaida V.O.A., "Performance Evaluation of an (eight) 8-watts public address system", JABS, Ekpoma, vol. 2, No. 1 & 2, 2004, Pg. 109 - 115.

2005

(10) Edekin M.J Evbogbai, **Robert E. Okonigene**, Samuel A. Akhadelor & Franklin A. Utiome. "Reliability analysis of electric power supply in the Niger-Delta region of Nigeria (NEPA Sapele undertaking as a case study)", Enugu, vol. 6, No. 1, 2005, Pg. 1196 - 1203.

(11) **Okonigene R.E.**, Evbogbai M.J.E., Alli G.O., "A study of distribution transformers failure resulting from lightning strikes and poor earthing in some selected substations in Ekpoma undertaking", JABS Ekpoma, vol. 3, Nos 1& 2, July 2005.

(12) Anyasi F.I, Akpaيدا V.O.A., **Okonigene R.E.**, "An electronically controlled library user clock box", JABS, Ekpoma, vol. 3, No. 1& 2, 2005.

2008

(13) G.I. Ighalo, **R.E. Okonigene** and O. Omoroguiwa, "Achieving good position control for frictional and inertial load system using zilog Z-80 microprocessor", Global Jour. of Engg. & Tech., India, vol. 1, No. 3, 2008, pg. 229 -236.

(14) **R.E. Okonigene**, G.I. Ighalo, and E. Ogbeifun, "Developed Personal Record Software", Pacific Journal of Science and Technology, USA, volume 9, Number 2, November 2008, pg. 407 - 412.

2009

(15) **R.E Okonigene** and A.K. Yesufu, "Epidemiological study of associated health effect due to GSM radiation," Global Journal of Engineering and Technology, India, vol. 2, number 1, March 2009, pg. 15 – 20.

(16) **Okonigene, R.E.** and C. Omondaigbe, "Electrical Energy Consumption Pattern of Flour Mill in Nigeria". Pacific Journal of Science and Technology, USA, No. 10, vol. 2, 2009, pg. 514-519

(17) **Okonigene R.E** and Yesufu A.K, “Radiation from GSM systems and the associated effects on human health”, Thammasat International Journal of Science and Technology, Thailand, Vol. 14, No. 3, July-September 2009, pg. 56 – 63.

(18) **Okonigene Robert Ehimen** and Ikhajamgbe Oyakhilome, “Development of a software based firewall system for computer network traffic control”, Leonardo Electronic Journal of Practices and Technologies, USA, vol. 8, No. 15, July – December 2009, pg. 75 – 80.

2010

(19) **Okonigene Robert Ehimen**, Adekanle Bola, “Cybercrime in Nigeria”, Business Intelligence Journal, London, UK, January 2010, Vol. 3, No.1, pg. 93-98.

<http://www.saycocorporativo.com/saycoUK/BIJ/journal/Vol3No1/BIJ-Vol3No1.pdf>

(20) John S.N., **Okonigene R.E.**, Akinade B.A., Ogunremi O.,”Teletraffic Modeling Of CDMA Systems”, Global Journal of Researches in Engineering (GJRE), USA, Vol. 10 Issue 3, July 2010, pg. 34 - 38.

(21) John S.N., **Okonigene R.E.**, Akinade B.A., Chukwu I.S., “Optimized Remote Network Using Specified Factors as Key Performance Indices”, Global Journal of Computer Science and Technology (GJCST), USA, vol. 10, Issue 5 Ver. 1.0 July 2010, pg. 14 – 17.

(22) John S. N., Anoprienko A. A., and **Okonigene R. E.**, “Developed Algorithm for Increasing the Efficiency of Data Exchange in a Computer Network”, International Journal of Computer Applications (0975 – 8887), NY, USA, volume 6, No.9, September 2010, Pg. 16 – 19.

(23) Ojieabu C. E., **Okonigene R. E.**, and Agajo J., “Spatial analysis of signal strength in a wireless communication medium for indoor geolocation system”, Global Journal of Engineering & Technology, India, vol. 3, No. 3, 2010, pg. 427 - 436.

(24) Ojieabu C. E. and **Okonigene R.E.**, “Solar Energy for Electric Power Generation in Benin City and Abuja, Nigeria”, Journal of Engineering Science and Applications, volume 7, No. 1, June 2010, pg. 11 - 15.

2011

(25) **R.E Okonigene** and C.E Ojieabu, “Developed Automated Electoral System Algorithm Using Biometric Data to Eliminate Electoral Irregularities in Nigeria”,

International Journal of Computer Applications (0975 – 8887), NY, USA, volume 14, No. 6, February 2011, pg. 27-30

(26) John S.N., **Okonigene R.E.**, Akinade B., Chukwu I.S, “Managing and Improving Upon Bandwidth Challenges In Computer Network”, Journal of Emerging Trends in Engineering and Applied Sciences (JETEAS), volume 2, No. 3, pg. 482-486

(27) John S. N., **Okonigene R. E.**, Akinade B.A., Kasali. I., Adewale A. A., “Developed Model to Control Congestion on Converge Network”, International Journal of Innovative Technology & Creative Engineering (IJITCE), volume1, No.8, August 2011, pg. 1 – 5.

2012

(28) **Okonigene Robert Ehimen**, Ojieabu Clement Eghosa, John Samuel Ndueso, Evbogbai Jacob Edekin, “Developed application for Voting using Biometric Data to Eliminate Election Irregularities”, International Journal of Science and Advance Technology (IJSAT), Volume 2 No. 9 September 2012, pg. 14 – 17

2013

(29) John Samuel Ndueso, Ndujuiba Charles, **Okonigene Robert**, Udensi Amaogechukwu Nwamara, “Developed Secure Network Model Using Radius Server”, International Journal of Engineering Science and Innovative Technology (IJESIT), Volume 2, Issue 2, March 2013.

2014

(30) B. O. Omijeh, **R. E. Okonigene**, R Ochi, “ Traffic Modelling for Capacity Analysis of CDMA Networks using Gaussian Approximation Method”, International Journal of Electronics Communication and Computer Engineering, Volume 5, Issue 3, 2014.

2015

(31) John-Otumu Adetokunbo M, **Okonigene Robert E** & Imhanlahimi Rebecca E
“Architecture and Development of an Automated Workflow System for Employees’
Savings & Loan Scheme in Nigerian Universities”, Quest Journals, Journal of
Software Engineering and Simulation Volume 2 ~ Issue 11 (2015) pp: 06-16.

2016

(32) M.J.E. Evbogbai, **R.E. Okonigene**, U. Umar and B.A. Kwembe, “Renewable Energy
Mix: Accelerative Measures for African Off Grid Communities Sustainable Development”,
International Journal of Innovative Research and Advanced Studies (IJIRAS), Volume 3
Issue 8, July 2016, pg. 141 – 147.

(33) U. Umar, M.J.E. Evbogbai, **R.E. Okonigene**, B.A. Kwembe & J.G. Bashayi,
“Energy Crisis Way-Forward: Diesel Generator-Micro Hydro-Solar Hybrid Power
System of Off-Grid Power Station for Rural Development”, The SIJ Transactions on
Computer Science Engineering & its Applications (CSEA), Vol. 4, No. 3, July 2016

2017

(34) **R. E. Okonigene**, M. J. E. Evbogbai, and Guiawa Mathurine, “Data Mining Analysis for
National Security”, International Journal of Computer Science Engineering and Information
Technology Research (IJCSETTR), Vol. 7, Issue 3, June 2017, pg. 19 – 32.

2019

(35) Kennedy O Okokpujie, Samuel Ndueso John, Etinosa Noma-Osaghae, Imhade
P Okokpujie, **RE Okonigene**, “[A Wireless Sensor Network Based Fire Protection
System With SMS Alerts](#)”, International Journal of Mechanical Engineering and
Technology (IJMET), Vol. 10, Issue 2, February 2019, pg. 44-52

2022

(36) E. G. Eqwunyenga, R. E. Okonigene, A. O. Osahenvenwen, “Evaluation of
Fade Margin in Telecommunication Network in Auch, Nigeria”, Journal of
Engineering Research and Reports, Vol. 22(1), 2022, pg. 49-64.

c) Referred Conference Paper in Proceedings

2009

(1) **Okonigene Robert E.** and Oborkhale Isimhemen, **Design Of A Cryptographic Software For Wireless Network Security**, Proceedings of the 2009 International Conference on Security & Management (SAMS 2009), WORLDCOMP'09, CSREA Press, Vol. 1, July 13 – 16, 2009, Las Vegas Nevada, USA, pg 166 - 172.

2010

(2) **Okonigene R.E.**, “Siting of GSM base station antenna and its health consequences”, Proceedings of the Seventh International Conference on Information Technology (ITNG 2010), IEEE Computer Society - CPS, 12 – 14 April 2010, Las Vegas, Nevada, USA, pg. 613 – 618.

(3) John S. N., **Okonigene R. E.**, and Adalakun A., **“Impacts of Latency on Throughput of a Corporate Computer Network”**, The Proceedings of The 2010 International Conference on Modeling, Simulation & Visualization Methods (MSV 2010), July 12 – 15, 2010, Las Vegas, Nevada, USA, pg. 282 – 287.

2011

(4) John S. N., **Okonigene R. E.**, Matthews V. O., Kasali I.G., **“Controlling Link Congestion on Complex Network”**, The Proceedings of The 2011 International Conference on Internet Computing (ICOMP 2011, USA), July 18 – 21, 2011, Las Vegas, Nevada, USA, pg. 142 – 145. Colleagues

2012

(5) **Okonigene Robert**, Ojieabu Clement, Samuel John, Agbator Austin, “The Nigeria Electoral Laws and Automated Electoral Voting Process”, The 2012 International Conference on e-Learning, e-Business, Enterprise Information Systems, and e-Government, EEE'12, July 16 – 19, 2012, Las Vegas, Nevada, USA

(6) **Okonigene R. E.**, John S. N., Ojieabu C., Ihenyen Aigbe, **“Developed and Secured Website for Nigeria University”** The 2012 International Conference on Frontiers in Education: Computer Science and Computer Engineering, FECS'12, July 16 – 19, 2012, Las Vegas, Nevada, USA.

2013

(7) Samuel John, **Okonigene Robert**, Charles Ndujuiba, Ndeche Kenechukwu, “**Simulation and monitoring of University Network for Bandwidth Efficiency Utilization**,” in proceedings of the 2013 International Conference on Modelling, Simulation & Visualization Methods, USA, July, 2013, pp. 54-59.

2014

(8) **Okonigene Robert**, Ojieabu Clement, Samuel John, Agbator Austin “Automated Electoral System in a Developing Country Democracy”, The proceedings of the 2014 International Conference on Scientific Computing, July 21 – 24, Las Vegas, Nevada, USA.

(9) **Okonigene Robert E.**, John-Otumu M. A., John Samuel N., Ojieabu Clement “Web Based Automated Workflow System for Employees' Welfare and Loan Scheme Using Lightweight Methodology”, The proceedings of The 2014 International Conference on Software Engineering Research and Practice, July 21-24, 2014, Las Vegas, Nevada, USA.

(10) John, Samuel N.; Ndujuiba, Charles U.; **Okonigene, Robert E.**; Okereke, Chinonso E.; Wakama, Miebaka E., “**Creating a Policy Based Network Intrusion Detection System using Java Platform**”, The proceedings of the 2014 International Conference on Security & Management, July 21 – 24, 2014, Las Vegas, Nevada, USA.

2015

(11) **Robert Okonigene**, Matthew Ikhine, John Samuel, Austin Agbator, “**Performance perspective of real time monitoring of availability of radio access in a network**”, Proceedings of The 2015 International Conference on Wireless Networks, July 27 – 30, 2015, Las Vegas, Nevada, USA.

2016

(12) John Samuel N, **Okonigene Robert E**, Samuel Peter C, Okokpujie Kennedy, “Intelligent Plant Watering System For Rural Farmers”, Proceedings of The 2016

International Conference on Software Engineering Research and Practice , July 25 – 28, 2016, Las Vegas, Nevada, USA.

(13) Dorcas Okonigene, **Robert Okonigene**, Samuel John, Austin Agbator, Eunice Agbator, “A Model Against Crime: Crime And Intelligence Led Policing In Nigeria”, Proceedings of The 2016 International Conference on Modeling, Simulation and Visualization Methods, July 25 – 28, 2016, Las Vegas, Nevada, USA.

2017

(14) Okokpujie Kennedy, Amuta Elizabeth, **Okonigene Robert**, Samuel John, “Monitoring and Fault Detection System for Power Transmission using GSM Technology”, Proceedings of the 2017 International Conference on Wireless Networks (ICWN'17) July 17-20, 2017, Las Vegas, USA.

Poster: Dorcas Okonigene, **Robert Okonigene**, Clement Ojieabu, “Renfred-Okonigene Children Protection System Network: Where Is My Baby?”, July 17 – 20, 2017, Proceedings of the 2017 International Conference on Modeling, Simulation and Visualization Methods, Las Vegas, Nevada, USA

(15) Kennedy Okokpujie, Osemwegie Omoruyi, Samuel N. John, **Okonigene Robert**, Okereke Chinonso, Adeyinka A. Adewale, “Wireless Sensor Network for Rainfall Measurement using a Tipping Bucket Rain Gauge Mechanism”, 4th Annual Conference on Computational Science & Computational Intelligence, Dec. 14 – 16, 2017, Las Vegas, Nevada, USA.

2018

(16) J. Irehovbude, D. Okonigene, G. O. Ikhioya, **R. E. Okonigene**, “Perception of the Benefits and Barriers to Antenatal Exercise among Pregnant Women in Benin City, Nigeria”, Proceedings of the 2018 International Conference on Bioinformatics & Computational Biology, July 30 – August 02, 2018, Las Vegas, Nevada, USA

(17) I. E. Akwuiwu, D. I. Okolo, **R. E. Okonigene**, "Automated Electricity Power Metering System", Proceedings of the 2018 International Conference on Wireless Networks", July 30 – August 02, 2018, Las Vegas, Nevada, USA.

Conferences Attended

2009

- ✓ **Conference:** The 2009 International Conference on Security & Management (SAMS 2009), WORLDCOMP'09, CSREA Press, Vol. 1, July 13 –16, 2009, Las Vegas Nevada, USA.

2010

- ✓ **Conference:** The 2010 International Conference on Modeling, Simulation & Visualization Methods (MSV 2010), July 12 – 15, 2010, Las Vegas, Nevada, USA.

2011

- Conference:** The 2011 International Conference on Internet Computing (ICOMP 2011, USA), July 18 – 21, 2011, Las Vegas, Nevada, USA.

2012

- ✓ **Conference:** The 2012 International Conference on e-Learning, e-Business, Enterprise Information Systems, and e-Government, EEE'12, July 16 – 19, 2012, Las Vegas, Nevada, USA
- ✓ **Conference:** The 2012 International Conference on Frontiers in Education: Computer Science and Computer Engineering, FECS'12, July 16 – 19, 2012, Las Vegas, Nevada, USA

2013

- ✓ **Conference:** The 2013 International Conference on Modelling, Simulation & Visualization Methods, USA, July, 2013, pp. 54-59.
- ✓ **Conference:** The 3013 IEEE International Conference on Multimedia and Expo (ICME 2013) San Jose, California, USA, July 15 to 19, 2013

2014

- ✓ **Conference:** The 2014 International Conference on Scientific Computing, July 21 – 24, Las Vegas, Nevada, USA.

- ✓ **Conference:** The 2014 International Conference on Software Engineering Research and Practice, July 21-24, 2014, Las Vegas, Nevada, USA
- ✓ **Conference:** The 2014 International Conference on Security & Management, July 21 – 24, 2014, Las Vegas, Nevada, USA

2015

- ✓ **Conference:** Proceedings of The 2015 International Conference on Wireless Networks, July 27 – 30, 2015, Las Vegas, Nevada. USA.

2016

- ✓ **Conference:** The 2016 International Conference on Software Engineering Research and Practice, July 25 – 28, 2016, Las Vegas, Nevada, USA.
- ✓ **Conference:** The 2016 International Conference on Modeling, Simulation and Visualization Methods, July 25 – 28, 2016, Las Vegas, Nevada, USA.

2017

- ✓ **Conference:** The 16th International Conference on Wireless Networks, July 17-20, 2017, Las Vegas, USA.
- ✓ The 2017 International Conference on Modeling, Simulation and Visualization Methods, July 17 – 20, 2017, Las Vegas, Nevada, USA.
- ✓ 4th Annual Conference on Computational Science & Computational Intelligence, Dec. 14 – 16, 2017, Las Vegas, Nevada, USA.

2018

- ✓ **Conference:** The 19th International Conference on Bioinformatics & Computational Biology, July 30 – August 02, 2018, Las Vegas, Nevada, USA.
- ✓ **Conference:** The 2018 International Conference on Wireless Networks”, July 30 – August 02, 2018, Las Vegas, Nevada, USA.

PREVIOUS EMPLOYER

Abubakar Tafawa Balewa University, Bauchi (October 1992 to June 1994)

Status: Assistant Lecturer

PRESENT EMPLOMENT

Ambrose Alli University, Ekpoma, Faculty of Engineering and Technology,

Department of Electrical and Electronics Engineering.

Status: Professor of Communication Engineering, Department of Electrical and Electronics Engineering.

Salary: UASSS 07/10

POSITIONS/RESPONSIBILITIES (Partial List)

Academics

- Dean Faculty of Engineering and Technology, Ambrose Alli University, Ekpoma, Edo State, Nigeria, September 2016 to August 31, 2018.
- Member Steering Committee, Program and Organizing Committees of "World Congress in Computer Science, Computer Engineering & Applied Computing (CSCE), USA.
- Member American Council on Science and Education
- COREN Resource person for accreditation at Elizade University, May 2017
- COREN Resource person for accreditation at University of Ibadan, May 2018
- Maintenance of hospital equipment at Institute of Health, Ahmadu Bello University, Teaching Hospital, Instrument Engineering Department, Tudun Wada Zaira, Kaduna State, November 1989 to September 1990
- Laboratory Supervisor, Department of Physics, Abubaka Tafawa Balewa University (ATBU), Bauchi, November, 1990 and also Conducted & Supervised Laboratory Experiments in Electrical & Electronics Engineering Programme, 1992 to 1994.

- Lecturer and Researcher in Electrical & Electronics Engineering Programme, ATBU Bauchi 1992 to 1994.
- Lecturing and examining of PhD/Masters Students at Covenant University, Department of Electrical and Information Engineering, Canaan land, Otta, Ogun State since 2009/2010 academic sessions.
- Lecturing & supervision of Postgraduate Students at School of Post Graduate Studies Ambrose Alli University, Ekpoma, since 1997 - present
- Sub Dean, Faculty of Engineering and Technology, 1999 - 2001
- Ag. Head Of Department, Department of Electrical and Electronics Engineering, Ambrose Alli University, Ekpoma, 2004/2005, 2005/2006, 2006/2007, 2011/2012 & 2012/2013 academic sessions.
- Faculty of Engineering Examination officer, Faculty of Engineering and Technology, Ambrose Alli University, Ekpoma 1999 - 2004
- Chairman one year Foundation Programme in Engineering, Ambrose Alli University, Ekpoma 1999 - 2001
- Vice chairman Academic Staff Union of Universities (**ASUU**) –Ambrose Alli University Branch, 2001 – 2003
- Departmental Examination officer, Department of Electrical and Electronics Engineering, Ambrose Alli University, Ekpoma 1995 -1996, 1997-1998
- Ambrose Alli University, Ekpoma, Senate Representative in the Student Disciplinary Committee, 2004 – 2007
- Associate lecturer Benson Idahosa University, Benin
- Consultant to Shell petroleum Warri to prepare Maintenance Job Routine (MJR) for the Department of Electrical Engineering Workshop June 2003. (Contract ended Sept 2003).

- Sabbatical leave placement at Covenant University, Department of Electrical and Information Engineering, Canaan land, Otta, Ogun State. (February 2009 to February 2010).
- Adjunct Lecturer Postgraduate Studies Covenant University, Department of Electrical and Information Engineering, Canaan land, Otta, Ogun State (February 2010 - present)
- Sabbatical leave placement, Landmark University, Omu-Aran (Jan 2020 – Jan 2021)

External Examiner

(a) Faculty of Information and Communication Engineering, Anna University, Chennai 600 025, India, Centre for Research.

I assessed the following Ph.D Thesis:

- ✓ Ph.D Thesis of Baby Shalini R, June 2020, from Faculty of Information and Communication Engineering, Anna University, Chennai 600 025, India, entitled “Design of Power Domain Cyclic Spread Multiple Access”.
- ✓ Ph.D Thesis of S.Lenty Stuwart, November 2015, from Faculty of Information and Communication Engineering, Anna University, Chennai 600 025, India, entitled “Interference resilient transmit precoding and detection strategies for multipath fading channel”, (Jan 2016).
- ✓ Ph.D Thesis of D. Judson, from Faculty of Information and Communication Engineering, Anna University, Chennai 600 025, India, entitled “ Interference Cancellation in Multicarrier CC-CDMA Systems Under Frequency Selective Fading Channels”, (Dec 2016).

(b) Appointed External Examiner to Post Graduate Studies, Computer Science Programme, Faculty Of Agriculture, Science and Technology North-West University, Mafikeng Campus, South Africa (Nov. 2012). I have evaluated the following works of students:

- ✓ Thupae R K, MSc, “A robust self-healing and intrusion detection model in software-defined wireless sensor networks”, (May 2026)

- ✓ Edmore Chikohora, Doctor of Philosophy in Computer Science, “ Adaptive Algorithm for Parameterization of Feature Extraction Techniques in Remote Sensing Images”, (Jan 2016).
- ✓ T. Mogale, (Ph.D), “Design of Eco-friendly Microprocessors and Parallel Architecture Strategies for the Post-Silicon Era”, (May 2019).
- ✓ Mmoloki Mangwala, Doctor of Philosophy in Computer Science, “ Multipath Traffic Engineering – Based Resource Allocation and QoS Guarantees in DWDM Optical Burst Switching Network”, (Feb 2015).
- ✓ Duke, Etim Bassey, (M.Sc) Degree in Computer Science, “Biometric-based Voters Identity Management to Combat Impersonation Vulnerability for A Credible E-Voting Process in Nigeria”, (Jan 2016).
- ✓ Thusoyaone Joseph Moemi, (M.Sc) Degree in Computer Science, “Energy Efficiency Models and Optimization Algorithm to Enhance On-Demand Resource Delivery in a Cloud Computing Environment”, (Jun 2013).
- ✓ Neo Motlhabane, (M.Sc) Degree in Computer Science, “Protection and Restoration for Wavelength Division Multiplexing Optical Network”, (Jun 2014).
- ✓ Kikunga Muhandji, (M.Sc) Degree in Computer Science, “Framework For Modelling and Reuse of Medical Knowledge in South Africa”, (Jan 2014).
- ✓ Eric-Nwonye, Nnenna Christine, (M.Sc) Degree in Computer Science, “Intelligent Mobile Agent Application for Spectrum Resource Management in Cognitive Radio Networks”, (Jan 2013)
- ✓ Alfred Tebogo Kgogo, (M.Sc) Degree in Computer Science, “Intrusion Detection System in Software Defined Wireless Sensor Networks” (Dec 2018).

(c) Appointed as External Examiner Post Graduate School, MICHAEL OKPARA UNIVERSITY OF AGRICULTURE, UMUDIKE EHIKHAMENLE MATHEW (Ph.D) degree in Electronics and Communication Engineering, “Development of an improved resource allocation scheme for cognitive radio network” (June 2021).

Dissertation supervised

- ✓ John-Otumu M. A, “Web Based Automated Workflow System for Employees' Welfare and Loan Scheme Using Lightweight Methodology”, (MSc Computer Science, 2012-2014)
- ✓ Emuan Osajie Thomson, “Design of E-Learning Platform”, (MSc Computer Science, 2016).
- ✓ Akwuiwu Ikechukwu Everest, “Design and Analysis of Efficient Automated Electricity Power Metering System”, (MEng Electronics Engineering, 2017).
- ✓ Nwokolo Uchechukwu Eucharia, “Automated Library using Biometric”.

Thesis Supervised

Ojieabu Clement Eghosa, “Developed Automated Electoral System Algorithm using Biometric Data to Eliminate Electoral Irregularities in Nigeria” (Ph.D Communication Engineering, 2013)

Guiawa Mathurine, “Data Mining and Geospatial Modeling for National Security”, (Ph.D Communication Engineering, 2018).

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