

OBOT, ENOBONG PATRICK

LEGACY LODGE, NO. 4 EDUNA STREET OFF ODUNUKWE, ABAKALI, EBONYI STATE.

08037367436, 08174880885, enobong_youngprof@yahoo.co.uk

SEX: Male
DATE OF BIRTH: 2nd November, 1983
MARITAL STATUS: Married
STATE OF ORIGIN: Akwa Ibom
LOCAL GOVT AREA: Ikot Ekpene
NATIONALITY: Nigerian

CAREER OBJECTIVES:

To strive for excellence in my place of employment where my talent can be efficiently utilized and work as a team member with a view to actualizing organizational objectives and attaining professional distinction and proficiency.

EDUCATIONAL QUALIFICATION WITH DATES

University of Calabar, Calabar (Ph.D in Engineering Physics – Electronics/Instrumentation)	2013-2019
University of Calabar, Calabar (M.Sc in Engineering Physics) Upper Credit	2009-2012
Nigerian Institute of Management (Proficiency Certificate in Management) Pass	2008-2009
University of Calabar, Calabar (B.Sc in Electronics and Computer Technology) Second Class Upper	2002-2007
Lutheran High School, Ikot Obong Edong, Ikot Ekpene (WASSCE)	1993-1999
Methodist Central School, Amanyam, Ikot Ekpene (FSLC)	1986-1993

WORK EXPERIENCES WITH DATE

Alex Ekwueme Federal University Ndufu - Alike, Ikwo	2013 till date
---	----------------

Job Description

- Lecturing
- Researching
- Instructor/External Assessor for Joint Universities Preliminary Examination Board (JUPEB)
- Teaching Physics in JUPEB programme at Centre for Educational Services (CES)

Federal Airport Authority of Nigeria Secondary School, Calabar	2011-2013
--	-----------

Job Description

- Teaching
- Coordinating students to carryout computer/physics practical

(NYSC) Waziri Umaru Federal Polytechnic, Birnin Kebbi	2008-2009
---	-----------

Job Description

- Lecturing

Job Description

- Bundling of SMS

(IT) ENELEC-GS Nigeria Limited, Calabar

2006

Job Description

- Production and marketing of company products
- Construction and operation of electronic circuits

(IT) Microdevices Nigeria Limited, Ikeja

2006

Job Description

- Assembling of computer system from the scratch and installation of different
- Software that runs the system and its peripherals
- Maintenance and repair of computer system and its accessories
- Networking

(IT) Cross River State Broadcasting Corporation, Calabar

2004

Job Description

- Visual inspection and repair of faulted electronic devices
- Installation of new RF antenna for radio studio and connection of satellite receiver to the decoder in TV studio
- Live coverage of outside broadcast

ATTENDED CONFERENCES/SEMINARS/WORKSHOPS ORGANIZED BY

National Mathematical Centre. Theme: “Training Workshop for Teachers of Girls Mathematics Olympiad”, held at National Mathematical Centre, Kwali, Abuja, Nigeria (3rd - 9th November, 2013).

Nigerian Institute of Physics, 36th Annual National Conference of the NIP. Theme: “The Role of Physics in the Nano World”, held at University of Uyo, Uyo, Nigeria (26th - 29th May, 2014).

Nigerian Institute of Physics, 38th Annual National Conference of the NIP. Theme: “Physics and Telecommunications: Overcoming Security Challenges for Sustainable Development”, held at Olabisi Onabanjo University, Ago-Iwoye, Ogun State, Nigeria (5th - 9th October, 2015).

All-Nigeria Universities Debating Championship. Theme: “Workshop on Training of students/staff for Universities Debate Championship”, held at Alex Ekwueme Federal University Ndufu-Alike, Ebonyi State, Nigeria (3rd - 4th December, 2015).

Joint Universities Preliminary Examinations Board (JUPEB). Theme: “Workshop on Effective Teaching of JUPEB Subjects”, held at International School, University of Lagos, Akoka, Lagos State, Nigeria (7th - 8th October, 2016).

Joint Universities Preliminary Examinations Board (JUPEB). Theme: “Workshop on Effective Teaching of the New JUPEB Syllabus”, held at International School, University of Lagos, Akoka, Lagos State, Nigeria (3rd - 4th January, 2018).

Centre for Human Resource Development (CHRD). Theme: “Research Methods/Data Analysis”, held at Alex Ekwueme Federal University Ndufu-Alike, Ikwo, Ebonyi State, Nigeria (29th April, 2019).

Renewable and Alternative Energy Society of Nigeria (RAESON). Theme: “Public lecture/workshop on Planet Earth, Our Abode: Ensuring a Safer Future through Environmentally Sustainable Energy Use”, held at Gregory University Uturu, Abia State, Nigeria (24th October, 2019).

Nigerian Institute of Physics, 42nd Annual National Conference of the NIP. Theme: “Physics in Manufacturing for National Development, Poverty Alleviation and Future Innovations”, held at Federal University of Technology, Owerri, Imo State, Nigeria (18th - 22nd November, 2019).

Joint Universities Preliminary Examinations Board (JUPEB). Theme: “Enhancing Tutors Capacity in Actualising Students Academic Excellence in JUPEB Examinations”, held at University of Nigeria, Nsukka, Enugu State, Nigeria (3rd - 4th December, 2019).

Joint Universities Preliminary Examinations Board (JUPEB). Theme: “Building Tutors’ Capacity in Classroom Teaching and Assessment”, held at Federal University of Technology, Akure, Ondo State, Nigeria (24th - 25th March, 2021).

Department of English and Literary Studies. Theme: “A Seminar on Setting Standard Examination Questions and Marking Guides”, held at Alex Ekwueme Federal University Ndufu-Alike, Ikwo, Ebonyi State, Nigeria (05th May, 2021).

Centre for Human Resource Development (CHRD). Theme: “A New Dimension to Work Ethics in the University”, held at Alex Ekwueme Federal University Ndufu-Alike, Ikwo, Ebonyi State, Nigeria (17th June, 2021).

The Faculty of Physical Science in collaboration with The Centre for Climate Change and Development, AE-FUNAI International Conference. Theme: “Resource Extraction for Sustainable Development in a Post Covid-19 Era”, held at Alex Ekwueme Federal University Ndufu-Alike, Ikwo, Ebonyi State, Nigeria (18th - 20th August, 2021).

Programming Workshop for Scientists in Africa (PWSA). Theme: “Python Programming Workshop”, held virtually at University of Glasgow, Scotland (30th August - 10th September, 2021).

Nigerian Institute of Physics, 43rd Annual National Conference of the NIP. Theme: “Advances in Physics for Globalization and Sustainable Development”, held at Nnamdi Azikiwe University, Awka, Anambra State, Nigeria (21st - 26th September, 2021).

Advances in Materials Science (AIMS), 2nd Annual International Conference. Theme: “Advances in Materials Science”, held online at Department of Physics, Division of Science and Technology (DSnT), University of Education, Lahore, Pakistan (5th - 6th October, 2021).

MathTech Thinking Foundation (MTTF). Theme: “One Day Training Workshop on Cross-discipline Platforms: Scopus, ScienceDirect and Mendeley”, held virtually at MathTech Thinking Foundation, India (11th March, 2022).

Chartered Institute of Personnel Management of Nigeria (CIPM), Ebonyi State Branch 1st Annual Conference. Theme: “People Management in the 21st Century: Enhancing Service Delivery and Organisational Performance”, held virtually at Zonal Office, Chartered Institute of Personnel Management of Nigeria, Enugu State, Nigeria (8th December, 2022).

Advances in Materials Science (AIMS), 3rd Annual International Conference. Theme: “Advances in Materials Science”, held physical and online (Hybrid Mode) at Department of Physics, Division of Science and Technology (DSnT), University of Education, Lahore, Pakistan (15th - 16th December, 2022).

MathTech Thinking Foundation (MTTF). Theme: “One Day Training Workshop on SymPy: A Python Library for Symbolic Mathematics”, held virtually at MathTech Thinking Foundation, India in collaboration with Trinity Institute of Professional Studies (22nd December, 2022).

Renewable and Alternative Energy Society of Nigeria, 11th Annual and International Conference of the RAESON. Theme: “Renewable Energy for Industrial Growth and Environmental Sustainability”, held at Nnamdi Azikiwe University, Awka, Anambra State, Nigeria (25th - 28th April, 2023).

Partnership for Enhanced and Blended Learning - West Africa (PEBL). Theme: “Training in Online Facilitation and the Use of the Learning Management Systems”, held at Alex Ekwueme Federal University Ndufu-Alike, Ebonyi State, Nigeria in collaboration with The Association of Commonwealth Universities (30th January - 28th April, 2023).

Nigerian Institute of Physics, 44th Annual National Conference of the NIP. Theme: “Physics as a Technological Solution for Sustainable Development Goals”, held at Lagos State University of Science and Technology, Ikorodu, Lagos State, Nigeria (08th - 12th May, 2023).

PROFESSIONAL MEMBERSHIP

Graduate Member, Nigerian Institute of Management (November, 2009 up till date)

Ordinary Member, Nigerian Institute of Physics (May, 2014 up till date)

Member, International Association of Engineers (September, 2015 up till date)

Member, International Union of Radio Space (October, 2019 up till date)

Member, Physics Writers Series Creation (November, 2019 up till date)

Member, Renewable & Alternative Energy Society of Nigeria (February, 2022 up till date)

LIST OF PUBLICATIONS

Asuquo, U. E. and **Obot, E. P.** (2009). “Construction and Operation of a Solar Lighting System”, **Global Journal of Pure and Applied Sciences**, 15(3 & 4), pp 417 - 420.

Obot, E. P. and Oku, D. E. (2014). “Propagation of Electromagnetic Waves in Some Public Buildings in Cross River State, Nigeria”, **European Scientific Journal**, 10(3), pp 474 - 484.

D. E. Oku, **E. P. Obot** and O. Adukwu (2014). “Synchronization of Chaotic Response in Circadian Rhythms/Clocks using Iterative Backstepping Technique”, **American Journal of Mathematics and Mathematical Sciences**, 3(1), pp 137 - 147.

Obot, E. P., Asuquo, U. E. and Oku, D. E. (2015). “Construction and Operation of a Clap Light Switch”, **International Journal for Scientific and Engineering Research**, 6(4), pp 1983 - 1987.

M. O. Charles, D. E. Oku, F. O. Faithpraise and **E. P. Obot** (2015). “Simulation and Control of PMDC Motor Current and Torque”, **International Journal of Advanced Scientific and Technical Research**, 7(5), pp 367 - 375.

D. E. Oku, J. Amajama and **E. P. Obot** (2015). “Seasonal Tropospheric Radio Refractivity Variation in Calabar, Cross River State, Nigeria”, **American International Journal of Research in Formal, Applied & Natural Sciences**, 13(1), pp 14 - 17.

Bassey, I. R. and **Obot, E. P.** (2016). “A Review of Wireless Sensor Networks: Applications, Challenges and Prospects in Biomedicine”, **ARNP Journal of Engineering and Applied Sciences**, 11(3), pp 1830 - 1839.

C. N. Nwosu, E. O. Uche, **E. P. Obot**, T. O. Daniel, M. U. Onuu, E. M. Yohanna and C. V. Ezech (2017). “Fossil Fuel Combustion and Global Warming Abatement using Nanomaterials and

Associated Technologies”, **Journal of the Nigerian Association of Mathematical Physics**, 43, pp 375 - 388.

D. E. Oku and **E. P. Obot** (2018). “Comparative Study of PD, PI and PID Controllers for Control of a Single Joint System in Robots”, **The International Journal of Engineering and Science**, 7(9), pp 51 - 54.

C. Augustine, R. A. Chikwenze, F. N. C. Anyaegbunam, B. J. Robert, **E. P. Obot** and P. N. Kalu (2019). “Analysis of the Effect of Pb^{2+} Precursor Concentration on the Optical Band GAP and Urbach Energy of Annealed $CuO/Pb_{1-x}S$ Core-Shell Thin Films Deposited by Solution Growth Technique”, **Global Journal of Engineering Science and Researches**, 6(2), pp 249 - 266.

C. Augustine, R. A. Chikwenze, F. N. C. Anyaegbunam, B. J. Robert, **E. P. Obot** and P. N. Kalu (2019). “Post Deposition Temperature-Dependent Structural, Optical and Solid State Properties of Chemically Deposited NiO/PbS Double Layer Thin Films”, **Global Journal of Engineering Science and Researches**, 6(2), pp 267 - 278.

E. P. Obot, G. A. Okon and E. O. Obisung (2019). “Measurement and Analysis of Industrial Noise and its Health Effects on People in Calabar Free Trade Zone, Cross River State”, **Nigerian Journal of Physics**, 28(1), pp 52 - 60.

T. O. Daniel, **E. P. Obot**, G-B. Azuoko, I. O. Negedu and O. Amah (2020). “Design of a Subscription Based Community Solar Energy System for the Business Community of the “Back Gate”, Alex Ekwueme Federal University Ndufu-Alike, Ikwo, Ebonyi State, Nigeria”, **Energy Policy Studies**, 2(6), pp 3 - 20.

P. N. Kalu, C. Augustine, A. N. Nwachukwu, R. A. Chikwenze, S. O. Amadi, B. J. Robert, P. E. Okpani, T. O. Daniel, C. N. Ukwu, **E. P. Obot**, C. O. Dike and R. O. Okoro (2021). “Comparative Analysis of the Effect of Annealing Temperature on the Structural and Optical Properties of Chemically Deposited CeO_2/ZnO and CeO_2/NiO Core-Shell Thin Films for Photovoltaic and Optoelectronic Applications”, **Chalcogenide Letters**, 18(10), pp 649 - 665.

R. O. Okoro, C. Augustine, R. A. Chikwenze, S. O. Amadi, P. E. Okpani, **E. P. Obot**, B. J. Robert, C. N. Ukwu, P. N. Kalu, C. O. Dike, K. O. Achilike and D. I. Oyor (2022). “Structural, Morphological and Optical Characterization of Chemically Deposited Cu_2O/PbS Thin Films”, **Chalcogenide Letters**, 19(2), pp 93 - 101.

E. P. Obot, C. Augustine, R. A. Chikwenze, S. O. Amadi, P. E. Okpani, P. N. Kalu, B. J. Robert, O. N. Nwoke, A. E. Igweoke and R. O. Okoro (2023). “Structural, Optical and Electrical Properties of Sulphide Based Heterojunction Thin Film”, **Journal of Ovonic Research**, 19(2), pp 207 - 218.

Enobong P. Obot, Michael U. Onuu, John U. Arikpo and Christian N. Nwosu (2023). “A Comparative Study of Path Loss Models in the Ultra-High Frequency Band in a Vegetated Environment”, **FUNAI Journal of Science and Technology**, 6(1), pp 91 - 104.

BOOKS

Nwachukwu, A. N., Chikwenze, R. A., Amadi, S. O., **Obot, E. P.**, Arikpo, J. U., Nwankwo, N. U., Ukwu, C. N., Daniel, T. O., Ekpe, J. E. and Dike, C. O. (2023). “Fundamentals of Mechanics and Properties of Matter (For Engineering and Science Students), Volume 1”. **Department of Physics, AE-FUNAI**, 241pp.

Nwachukwu, A. N., Chikwenze, R. A., Amadi, S. O., **Obot, E. P.**, Arikpo, J. U., Nwankwo, N. U., Daniel, T. O., Ukwu, C. N., Kalu, P. N., Ekpe, J. E., Dike, C. O. and Okobi, P. E. (2023). “Fundamentals of Electromagnetism and Modern Physics (For Engineering and Science Students), Volume 2”. **Department of Physics, AE-FUNAI**, 232pp.

SCHOLARSHIP/HONOURS/AWARDS/RECOGNITION

Article(s) review for Foreign/International Journal:

- European Scientific Journal (ESJ)

Certificate of Excellence as the Best Performing Participant in the Training - in Online Facilitation and the Use of the Learning Management Systems (30th January - 28th April, 2023).

PERSONAL QUALITIES/SKILLS

Initiative, Innovation, Adventurer, Impeccable honest character, Good communication skill, Humility, Diligence and Computer literate.

HOBBIES

Traveling, Meeting people, Researching, Reading, Organizing, Singing and Sporting.

REFEREES

Prof. Michael U. Onuu

Department of Physics,
Alex Ekwueme Federal University Ndufu - Alike, Ikwo
michaelonuu@yahoo.com; 08035072076, 08154276357

Prof. Anthony E. Akpan

Director, Information and Communication Technology (ICT),
University of Calabar, Calabar
anthonyakpan@yahoo.com; 08030894698, 08093523278

Dr. Raphael A. Chikwenze

Department of Physics,
Alex Ekwueme Federal University Ndufu - Alike, Ikwo
racychikwe@gmail.com; 08037106581, 09079499780