***CURRICULUM VITAE***

**PERSONAL DATA**

Name: OKOLI DONALD NNANYERE

Marital Status: Married

# Number and Ages of Children: Five (17yrs, 15yrs, 13yrs, 10yrs, 6yrs)

Date of Birth: 17th September 1971

Place of Birth: Nnewi

L.G.A.: Orumba South

State of Origin: Anambra

Geo-political zone: South-East

Nationality: Nigeria

Current Postal Address: Department of Physics & Industrial Physics

Nnamdi Azikiwe University

P.M.B. 5025, Awka

Phone Number: 08035063047

Permanent Home Address: St. Stephen Anglican Church, Umunze

Orumba South L.G.A, Anambra State

Email Address: [d.okoli@unizik.edu.ng](mailto:%20%20d.okoli@unizik.edu.ng), donfadino@yahoo.com

**EDUCATIONAL INSTITUTIONS ATTENDED WITH DATES**

1. Igwebuike Central School, Umunze 1978-1984
2. All Saints’ Secondary School, Umunze 1984-1990
3. Nnamdi Azikiwe University, Awka 1994-1998
4. Nnamdi Azikiwe University, Awka 2001-2003
5. Nnamdi Azikiwe University, Awka 2004-2007
6. Usmanu Danfodio University, Sokoto 2009-2010

**ACADEMIC AND PROFESSIONAL QUALIFICATION AND DISTINCTIONS WITH DATES**

(1) F.S.L.C 1984

1. W.A.S.C 1990
2. S.S.S.C.(Private) 1994
3. B.Sc (21**)**Physics and Industrial Physics 1998
4. M.Sc. Solid-State Physics 2003
5. Ph.D Solid-State Physics 2007
6. PGDE Postgraduate Diploma in Education 2010

**WORKING EXPERIENCE**

1. The Ibeto Group ( Accounts/Personnel Department: Jan. 1991-1994)
2. Personnel Clerk
3. Union Auto parts ( Production/ Quality Control Unit : Sept. 1997-Dec.1997)
4. Quality Control Analyst

**(c)** Fatima Community College, Ekan Meje / Aran Orin, Kwara State

(N.Y.S.C.: 1st March 1999-Feb.2000)

(i) Science Tutor

**(d)** Part – Time Science Tutor (August 2000-March 2001)

1. Industrial Comprehensive Secondary School, Nnewi
2. Alpha Grade School of Excellence, Nnewi
3. True Light Secondary School, Nnewi

**(e)** Nnamdi Azikiwe University, Awka (Department of Physics and Industrial Physics)

1. Graduate Assistant ( 08/05/01-17/10/03) (AO1)
2. Assistant lecturer ( 17/10/03-01/10/04) (AO2)
3. Lecturer II (01/10/04-1/10/07) (AO3)
4. Lecturer I (01/10/07-2010) (AO4)
5. Senior lecturer (2010-2013) (AO5)
6. Reader (2013-2016) (AO6)
7. Professor (2016- till date) (AO7)

**PUBLICATIONS**

1. **Journal Articles**
2. Okoli D.N. and Ekpunobi A.J.(2004) “ Role of Solar Cells in Reduction of Environmental Warming” , Environmental Studies and Research Journal Vol. 4 N0.1
3. Okoli D.N. and Ekpunobi A.J.(2004) “ Solar Car Challenges in Environmental Transportation Problems” Environmental Studies and Research Journal Vol. 4 N0.2
4. Okoli D.N. and Ekpunobi A.J. and Okeke C.E.(2006) “ Optical Properties of Chemical Bath Deposited CuAlS2 Thin Films” , Pacific Journal of Science and Technology, Vol.7,N0.1 pp. 59-63
5. Okoli D.N. and Ekpunobi A.J. andOkeke C.E.(2006)“Growth and Characterization of ZnCdS Thin Films by Chemical Bath DepositionTechnique”http//wwwacadjournal.com/2006/v18/part5/p2/ZnCdS.pdf
6. Okoli D.N. and Ekpunobi A.J. and Okeke C.E.(2006) “ Optical Properties of AgAlS2 Thin Films Prepared by Chemical Bath Deposition Technique (CBDT) http//www acadjournal.com/2006/v18/part5/p2/AgAlS2.pdf
7. Okoli D.N., Ekpunobi A.J. and C.E. Okeke.(2006) “ Photovoltaic Technology for Improved Agricultural Productivity” International Conference of The Solar Energy Society of Nigeria, Conference Proceedings Vol.1, pp.159-162,
8. D.N. Okoli, G.C. Okeke and A.J. Ekpunobi .(2010), “Optical Properties of Chemical Bath Deposited Ag2S Thin Tilms” Pacific Journal of Science and Technology, Vol. 11. N0: 1 Pp.411-415.
9. Okoli D.N., Okeke G.C. and Ottih E.I.(2010) “Enhancing the Efficiency and the Performance of Photovoltaic Cells Using Integrated Tandem Junction Solar Cell Arrangement” Natural and Applied Science Journal Vol. 11 N0 2**.**
10. M.D. Jeroh and D.N. Okoli (2012) “Optical, Structural and Morphological Studies of Chemical Bath Deposited Antimony Sulphide Thin Film” Global Journal of Science Frontier Research and Space Science Vol.12, 1-4.
11. M.D. Jerohand D.N. Okoli (2012) “ Effect of Dip Time on the Structural, Electrical and Morphological Properties of Antimony Sulphide Thin Films” Advances in Applied Science Research, 3(2), 691-697
12. M.D. Jerohand D.N. Okoli (2012) “Optical and Structural Properties of Amorphous Antimony Sulphide Thin Films: Effect of Dip Time” Advances in Applied Science Research, 3(2) , 793-800
13. Donald N.Okoli and Cecilia N. Okoli (2012), “Optimal Growth and Characterization of Cobalt Sulphide Thin Film Fabricated Using the Chemical Bath Deposition Technique” journal of Natural Sciences Research Vol. 2. N0.3 ISSN 2224-3186
14. Okoli D.N. (2012) Growth and Characterization of PbSe Thin films prepared by Chemical Bath Deposition Technique, Res. J. Chem. Sci. Vol.2(8), 1-5.
15. C.H. Achebe, S.N. Omenyi, O.P. Manafa and D. Okoli,(2012) Human Immunodeficiency Virus (HIV)-Blood Interactions: Surface Thermodynamics Approach, Proceedings of the International Multi-conference of Engineers and Computer Scientists Vol. I, IMECS
16. Okoli D.N. (2012). “The effect of complexing agent on the optical properties of FeS2 thin films prepared by chemical bath” Prime Journal of Physical Sciences Vol.1 (1), pp.9-12
17. S.C. Ezike and D.N. Okoli (2012) “Deposition temperature effects on CuAlSe2 compound thin films prepared by Chemical Bath Deposition Technique” Journal of Applied Physics, vol.1, issue 3, pp 23-26.
18. M.D. Jeroh and D.N. Okoli (2012) “The influence of Dip time on the optical properties of Antimony Tri-Sulphide Thin films” IJRRAS 12(3).
19. Okoli Donald Nnanyere (2012) “The Effect of Complexing agent (TEA) on the Optical Properties and Band Gap Energy of Chemical Bath Deposited CuSe thin Films. Int. J. Res. Chem. Environ. Vol.2 Issue 4, 41-44.
20. Okoli Donald Nnanyere (2015) “Optical Properties of Tin Selenide Thin Films Prepared by Chemical Bath Deposition Technique (2015); Journal of Natural Sciences Research, Vol. 5, N0. 3, pp. 124-129.
21. Okoli Donald Nnanyere (2015) “Optical Properties of Chemical Bath Deposited Magnesium Sulphide Thin Films; Journal of Chemistry and Materials Research, Vol. 7, N0. 2, Pp. 61-67.
22. Okoli D.N. and Okoli C.N. (2015) “Optical Properties of Zinc Oxide Films Deposited by Chemical Bath Deposition Technique” International Journal of Scientific Research and Education, Vol., 3 .N0 4: 3246-3253.
23. Okoli C.N. and Okoli D.N. (2015) “A New Approach for Interaction and Parameters-Best Fits In Hierarchical Log Linear Models for N-Dimensional Contingency Tables” International Journal of Scientific Research and Education,Vol. 3, N0.6, 3665-3678.
24. Okoli D.N. (2015): “ Optical properties of Barium Sulphide thin films Prepared by Chemical Bath Deposition Technique” IOSR-JAP, e-ISSN: 2278-4861, volume 7, Issue 4 ver.II,PP10-15
25. E. O. Okechukwu, D. N. Okoli (2015): “Optical and Structural properties of Electrodeposited CdS/ZnS Compound thin films and their possible applications” Journal of Materials Sciences and Applications , 1(6):282-291
26. Okoli Donald Nnanyere (2015):”Influence of Dip Times on the Optical Properties of Manganese Sulphide Thin Films Synthesized by Chemical Bath Deposition (CBD) Technique” AASCIT Journal of Physics, 1(5), 357-362

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1. Okechukwu E.O. and Okoli D.N. (2016): “Electrical and Solid- State Properties of CdS/ZnS Thin Films Deposited Using Electrodeposition Technique”. AASCIT Journal of Physics, Vol.2., N0.1, pg 1-4.
2. Okoli D.N. (2016) : Influence of Complexing Agent (TEA) on the Optical Properties of Bismuth Sulphide Thin Films Deposited by Chemical Bath Deposition Technique” IJSER, Vol 4(4) , 17-20.
3. Okoli D.N. (2016): “Optical Properties of Zinc Sulphide Thin Films fabricated using Chemical Bath Deposition Technique, Res. J. Recent Sci. Vol.5(4), 12-18
4. Donald Okoli and Chinwe Nkamuo (2016): “Effects of Ligand on the Optical Properties of Manganese Sulphide Thin Films Prepared Using Chemical Bath Deposition (CBD) Technique”, Chemistry and Material Research, Vol.8. N0.6,pp. 61-67.
5. Donald N. Okoli and Henry Igwebuike Nwanosike (2017): “Optical, Electrical and structural properties of Zinc Selenide Semiconductor Nano Films Deposited by Electrodeposition Technique”- IOSR Journal of Applied Physics, 9, 2278-4861
6. Donald N.Okoli and Henry Igwebuike Nwanosike (2017): “Structural, Electrical and Optical Properties of Copper Selenide Semiconductor Thin films Deposited by Electrodeposition Technique”- Journal of Basic Physical Research Vol.2, N0.2, PP.64-69
7. K.I. Udofia and D.N. Okoli (2017): “Investigation of the Optical, Structural and Surface Morphology Properties of Copper Selenide Thin films”- IJSRE, Vol.5. Issue 4. Pp 6357-6367.
8. Okoli, C.N., Aronu, C.O and Okoli, D.N (2017) : Determining Predictors of Incident Hypertension Using Logistics Regression, COOU Journal of Physcial Sciences 1(2). Pp. 210-220.
9. K.I. Udofia, C.J. Nkamuo and D.N. Okoli (2018) : “Fabrication and Characterization of Lead Selenide Thin Films by Electrodeposition Technique”Journal of Basic Physical Research , Vol. 8. N0.1
10. M.D. Jeroh, A.J. Ekpunobi and D.N. Okoli (2018): “Optical Analytical Studies of Electrostatic-Sprayed Eu-doped Cadmium Selenide Nanofilms at Different Temperatures” Journal of Nano-and Electronic Physics, Vol.10. N0. 3.
11. D.M. Jeroh, A.J. Ekpunobi and D.N. Okoli (2018): Growth of Europium- Doped Magnesium Selenide Films by Electric Field Assisted Spray Pyrolysis: Optical and Structural Analysis, East Eur.J. Phys.4. 13-21.
12. Ikhioya I. Lucky ,Okoli D.N. and Ekpunobi A.J. (2019): “Effect of Temperature on SnZnSe Semiconductor Thin Films For Photovoltaic Application” SSRG-IJAP, Vol.6 Issue 2. 55-67.
13. IkhioyaI Lucky ,Okoli D.N. and Ekpunobi A.J. (2019): “Influence of PH on Tin Doped Zinc Selenide (SnZnSe) via Electrochemical Deposition Technique” IJCRGG, Vol.12, N0.05, pp 200-211.
14. D.M. Jeroh, A.J. Ekpunobi and D.N.Okoli (2020): “The Optical Properties of Europium-doped Zinc Selenide Films”, Journal of Nano-and Elecrtonic Physics, Vol.12 N0.5, pp 05006-1 – 05006-5
15. Imosobomeh Lucky Ikhioya, Donald N. Okoli and Azubuike J. Ekpunobi.(2020)

“Electrochemical Deposition of Tin Doped Zinc Selenide (SnZnSe) Thin Film Material”, Asian Journal Of Nanoscience and Materials, Vol. 3, Pp. 189-202.

1. P.O. Isi, A.J. Ekpunobi and D.N. Okoli (2021): “Optical and Electrical Properties of Fabricated Dye Sensitized Solar Cells based on extract from Bush Tea ( Hyptis Suaveolens), IOSR Journal of Applied Physics (IOSR-JAP) Vol.13,Issue 4, PP.01-07.
2. **Textbooks**
3. Okoli D.N. and Okeke G.C. (2005) “The Physics of Waves and Modern Optics I” Kucena Press 129 Zik, Avenue, Awka, 2005.
4. Okoli D.N. et al (2009) “Laboratory Practical Physics Manual Vol.1Blessed Iyabo Nigeria, Off 203 Zik.Avenue ,Awka.
5. Okoli D.N. et al (2009) “Laboratory Practical Physics Manual Vol.2 Blessed Iyabo Nigeria , Off 203 Zik.Avenue , Awka
6. Okoli D.N. and Umeozokwere A.O (2010) “Basic Material Science and Engineering” Vol.1 Blessed Iyabo Nigeria, N0 4 NnalueOkonkwo Crescent Awka .
7. Okoli D.N. and Okoli C.N. (2015) “Computational Methods For Scientists and Engineers” Papa Ejima Publisher Nig, 54 Arthur Eze Avenue, Awka.
8. **Conference Papers**
9. Okoli D.N. and Ekpunobi A.J. “Effect of pH on the Optical Properties of SnS Thin Films Prepared by Solution Growth” –A paper presented at 26th Annual Conference of Nigerian Institute of Physics, Usmanu Danfodio University, Sokoto, Nov.2003.
10. Okoli D.N. and Ekpunobi A.J.” Optical Properties of SnS Thin Films: Influence of Time as Growth Parameter”- A paper presented at 27th Annual Conference of Nigerian Institute of Physics, Kaduna Polytechnic, Kaduna, Sept. 2004.
11. Okoli D.N. and Ekpunobi A.J. and Okeke C.E. “Optical Properties of Chemical Bath Deposited CuAlS2 Thin Films” – A paper presented at 28th Annual Conference of Nigerian Institute of Physics, Obafemi Awolowo University, Ile-Ife, August,2005.
12. Okoli D.N. and Ekpunobi A.J. and Okeke C.E. “Optical Properties of Chemical Bath Deposited ZnCdS Thin Films” –A paper presented at 29th Annual Conference of Nigerian Institute of Physics, University of Nigeria Nsukka, August,2006.
13. Okoli D.N. and Ekpunobi A.J. and Okeke C.E “ The Filtering of Ultra-Violet Radiations using Glass Coated with CuAlS2 Thin Films”- A paper presented at 24 Annual Conference of Solar Energy Society of Nigeria, University of Benin ,Benin City, Dec.2005.
14. Okoli D.N. and Ekpunobi A.J. and Okeke C.E “ Photovoltaic Technology for Improved Agricultural Productivity ”-A paper presented at 25th Annual Conference of Solar Energy Society of Nigeria,NnamdiAzikiwe University ,Awka,2006
15. Okoli D.N, Ekpunobi A.J., and Okeke C.E “Growth and Characterization of AgAlS2 Thin Films and Their Application in Solar Energy”- A paper presented at 30th Annual Conference of Nigeria of Nigeria Institute of Physics, Lagos State University Ojo, Lagos, 2007.
16. Okoli D.N, Okeke G.C. and Ekpunobi A.J. “Enhancing The efficiency of Photovoltaic Cells” -A paper presented at 26th Annual Conference of Solar Energy Society of Nigeria, The Energy Commission of Nigeria, 2007.
17. Okoli D.N., Okeke G.C and Ekpunobi A.J. “ Optical Properties of Chemical Bath Deposited Ag2S Thin Films”- A paper presented at 31st Annual Conference of Nigeria Institute of Physics, Federal University of Technology Owerri, 2008.
18. Ottih E.I., Okoli D.N. and Ekpunobi A.J. “Fabrication of high efficiency CuS Solar Cells” ” - A paper presented at 31st Annual Conference of Nigeria Institute of Physics, Federal University of Technology Owerri, 2008.
19. Okoli D.N., Okeke G.C. and Ottih E.I. “Enhancing the Efficiency and the Performance of Photovoltaic Cells Using Integrated Tandem Junction Solar Cell Arrangement” -A paper presented at 30th Annual conference of Solar Energy Society of Nigeria held at Federal University of Technology Owerri from 3-6th November, 2010
20. Okoli D.N. , Okeke G.C. and Ottih E.I. “Effect of Complexing Agent on the Optical and Solid State Properties of Copper Selenide Thin Films” -A paper presented at 9th Annual Conference of Materials Society of Nigeria held at Universal Hotel Enugu from 23-26th November, 2010.
21. S.C. Ezike and Okoli D.N. “Optical and Structural Properties of Chemical Bath Deposited CuAlSe2 Thin Films” -A paper presented at 2011 Solar Energy Society of Nigeria Conference held at Usmanu Danfodio University, Sokoto from 14th -18th November, 2011.
22. M.D Jeroh and D.N. Okoli (2012) “Analyzing the effect of Dip time on the Structural, Optical and Electrical properties of CuSbS2 Thin Films and its possible applications; ”-A paper presented at 2012 Solar Energy Society of Nigeria Conference held at University of Benin, Benin City from 12th -16th November, 2012.
23. Okoli D.N. (2012) “ The Need to have Empowered Youth System in our Society- A paper presented on the occasion of Youth Day Organized by Umunze Students Association (USA) in conjunction with Umunze Progressive Union.
24. P. Isi, A.J. Ekpunobi and D.N. Okoli (2015):”Optical Properties of Dye Sensitized Solar Cells Fabricated from Kola Nut Using Deionized Water and Ethanol” - A paper presented at the 8th International Seminar on Theoretical Physics and National Development (ISOTPAND2015) at University of Nigeria, Nsukka held on 12-16th July, 2015.
25. Donald Nnanyere Okoli and Juliana Chinwe Nkamuo (2016) :Effects of Ligand on the Optical Properties of Manganese Sulphide Thin Films Prepared Using Chemical Bath Deposition (CBD) Technique, a paper presentation at the 6th Annual and International Conference of the Renewable and Alternative Energy Society of Nigeria (RAESON) at University of Nigeria Nsukka from 20-23rd April, 2016.
26. Dr. Donald N. Okoli (2016) : “Sustainable Development Goals (SDGs) and The Role of Youths” –A Paper Presented at One day Workshop On African Youths For Sustainable Development Goals (AYSDG) At The Theatre Complex , Nnamdi Azikiwe University Teaching Hospital Nnewi, 6th June, 2016.
27. Okoli D.N. (2016) :” The Implementation of Sustainable Development Goals in Rural Communities of Anambra State: The Role of Community Stakeholders”. A paper presented at 7th Annual Ibadan Sustainable Development Summit (ISDS) from 22nd – 25th August, 2016
28. Okoli D.N. (2016) “Conducting the Research” A Paper Presented At The Seminar organized for Postgraduate Students, Faculty of Physical Sciences, Nnamdi Azikiwe University, Awka 15th November, 2016.
29. Isi P.O., Ekpunobi A.J., Okoli D.N. (2017): “Electrical and Optical Properties of Dye Sensitized Solar Cells Fabricated from Kolanuts using Ethanol and Deionized Water”- a paper presented at 1st international Conference of the Faculty of Physical Sciences, Chukwuemeka Odumegwu Ojukwu University Uli, 4th-5th May, 2017.
30. Okoli Donald N. (2017):Clean Energy And Sustainable Infrastructure As A Panacea For Disruptive World Ecosystem “ A paper presented at 8th Annual Ibadan Sustainable development Summit ”.21st -25th August 2017.
31. Okoli Donald N. (2018):“Restructuring of the System of Governance In Nigeria as a Key to Sustainable National Development” A paper presented at 9th Annual Ibadan Sustainable Development Summit, 27th -30th August, 2018
32. Okoli Donald N. (2018): “Achieving the Sustainable Development Goals in Nigeria”. The Road Map: Keynote Address presented at 1st Annual Conference of Nnamdi Azikiwe University Teaching Hospital, Nnewi, 10-11 December, 2018.
33. Okoli Donald N. and Nzekwe Florence (2019): “Effect of Dip Time On the Optical Properties of Manganese Doped Cadmium Sulphide Thin Films” A paper presented at 9th Annual & International Conference of Renewable and Alternative Energy Society f Nigeria (RAESON) at Delta State Polytechnic,Ogwashi-Uku 24-27 July, 2019.
34. IkhioyaI.Lucky , Okoli D.N. , Ekpunobi A.J. and Fabian I. Ezema (2019): “Growth and Characterization of SnZnSe Via Electrochemical Deposition Technique” ” A paper presented at 9th Annual & International Conference of Renewable and Alternative Energy Society f Nigeria (RAESON) at Delta State Polytechnic , Ogwashi-Uku 24-27 July, 2019.
35. Alhassan D. Yusuf and Donald N. Okoli (2021) : “Investigation of Dseirable Properties of Semiconductor Materials Used in Fabrication of Solar Cells”, A Paper Presented at 10th Annual and International Conference of Renewable & Alternative Energy Society of Nigeria (RAESON) at University of Nigeria, Nsukka, 23rd -26th March, 2021
36. Jeroh , D.M, Ekpunobi, A.J, and Okoli D.N. (2021) : “ Optical and Structural Characterization of CdSe:Eu Films at Different Volumes of Europium Concentration” , A Paper Presented at 10th Annual and International Conference of Renewable & Alternative Energy Society of Nigeria (RAESON) at University of Nigeria, Nsukka, 23rd -26th March, 2021
37. Imosobomeh L. Ikhioya, Agnes C. Nkele, Okoli D.N. and Ekpunobi A.J. (2021): “ Effect of Molar Contration on the Properties of Electrochemically Deposited Zirconium Doped ZnSe Thin Films “ , A Paper Presented at 10th Annual and International Conference of Renewable & Alternative Energy Society of Nigeria (RAESON) at University of Nigeria, Nsukka, 23rd -26th March, 2021
38. D.M. Jeroh, A.J. Ekpunobi and D.N. Okoli (2021):” Growth and Nanostructured Zinc Selenide Films Doped with Europium and their Possible Applications “Paper Presented at 43rd Annual Conference of Physics at Nnamdi Azikiwe University, Awka 22nd- 26th September, 2021.
39. Imosobomeh L.I., A.C. Nkele, Okoli D.N. and Ekpunobi A.J. (2021): “Effect of molar concentration on the properties of electrochemically deposited zirconium doped ZnSe thin films” Paper Presented at 43rd Annual Conference of Physics at Nnamdi Azikiwe University, Awka 22nd- 26th September, 2021.
40. Okoli D.N. and Nzekwe F. (2021): The effect of Dip-time on the optical Properties of Manganese Doped Zinc Sulphide Prepared by Chemical Bath Deposition Technique” Paper Presented at 43rd Annual Conference of Physics at Nnamdi Azikiwe University, Awka 22nd- 26th September, 2021.

**ACADEMIC LEADERSHIP**

1. **Supervision of over one hundred undergraduate project works**
2. **Supervision of Postgraduate Thesis and Dissertation**

(a) Ezike, Sabastine Chinedu (NAU/M.Sc/2008536002F) Graduated

1. Jeroh, Diemiruaye Mimi(NAU/M.Sc/ 2009536004F) Graduated
2. Okechukwu Emmanuel Odikpo( NAU/M.Sc./2011636004F) Graduated
3. Igwebuike Henry Nwanosike( NAU/M.Sc./ 2012536029F) Graduated
4. Isi Pretty Oyibo (NAU/Ph.D/ 2009537005) In View
5. Nweze Christian Ikechukwu (NAU/Ph.D/ 2014537001F) In View
6. Jeroh Diemiruaye Mimi (NAU/Ph.D/2012537001F) Graduated
7. Kufre Udofia (NAU/M.Sc./2013536003F) Graduated
8. Okechukwu Emmanuel Odikpo (NAU/Ph.D/2016537003F) In View
9. Ikhioya Imosobomeh Lucky (NAU/Ph.D/2016 537005F) Graduated
10. Kufre Udofia (NAU/Ph.D/201801805P ) In View
11. Adline Ngozi Nwodo (NAU/Ph.D/2013537004F) in view
12. **External Examiner-**:Postgraduate Programmes, Department of Physics, Anambra State University, Uli.(2011-2013)
13. **Editor:** Journal of Basic Physical Research.
14. **Internal Examiner:** M.Sc and Ph.D Programmes, Department of Physics and Industrial Physics, Nnamdi Azikiwe University, Awka (2009-till date)
15. **Internal Examiner:** Faculty of Physical Sciences M.Sc and Ph.D Internal defence Presentation (2015- till date)
16. **External Examiner:** Degree programme ,Department of Physics, Nwafor Orizu College of Education, Nsugbe (2013-2016)
17. **Adjunct Senior Lecturer:** Department of Pure and Industrial Physics, Paul University, Awka(2011-2017)
18. **Reviewer-** Nigeria Material Society Journal (2009-2012)
19. **Reviewer:** Tertiary Education Trust Fund Manuscript ( 2018- till date)
20. **Editorial Consultant** : International Journal of Applied Science Research (IJASR) 2021-till date
21. **External Examiner**: Department of Industrial Physics, Chukwuemeka Odumegwu Ojukwu University (Formerly Anambra State University, Uli, 2021-till date)

**ADMINISTRATIVE EXPERIENCE**

1. **Chairman:** Umunze Progressive Union-Caretaker Committee (2010-2018)
2. **Chairman: Welfare Committee-** Department of Physics and Industrial Physics, NnamdiAzikiwe University, Awka (2010-2012).
3. **Staff Adviser:** Physics and Industrial Physics Students Association (PIPSA)

(2012- 2018)

1. **Chairman:** Faculty of Physical Sciences Committee on Sanitation

(2014 -2018)

1. **Co-ordinator:** Students Industrial Works Experience Scheme (SIWES), Department of Physics and Industrial Physics, Unizik, Awka (2007- till date)
2. **Co-ordinator**: General Physics Laboratory I ( 2010-2014)
3. **National Secretary:** All Saints’ Grammar School , Umunze Old Boys Association (2010-till date)
4. **Chairman** : Committee to investigate cases of petition by lecturers and Postgraduate Students in the Department of Pure and Industrial Chemistry, NAU, Awka (2015)
5. **Deputy Director:** Centre for Sustainable Development/Sustainable Development Desk Officer Nnamdi Azikiwe University, Awka (2015- till date)
6. **Chairman: Sub- Committee** on History and Publication, 2017 Umunze Synod Planning Committee
7. **Chairman**: Committee on Umunze Archdeaconry Women Conference,

St. Stephen Anglican Church, Umunze (22/04/2017)

1. **Financial Secretary:** Solar Energy Society of Nigeria (2010-2012 )
2. **Coordinator**: Working and Research Group Four: Environment, Health, Conservation of Natural Resources and Climate Actions (SDGs 6, 7,13, 14 &15) Sustainable Development Solutions Network, Nigeria (2016- till date)
3. **HOD**- Department of Industrial Physics- Paul University Awka (2014-2017).
4. **HOD**: Department of Mathematics, Nnamdi Azikiwe University, Awka (2016-2019)
5. **Chairman:** Faculty of Physical Sciences Committee On Annual Lecture Series, NnamdiAzikiwe University, Awka (2017-2020)
6. **Chairman:** Postgraduate Committee Department of Mathematics, Nnamdi Azikiwe University, Awka ( 2016-till date)
7. **Chairman:** Departmental Board, Department of Mathematics, Nnamdi Azikiwe University, Awka (2016- till date)
8. **National Secretary:** Renewable and Alternative Energy Society of Nigeria (RAESON) ( 2019-till date)
9. **Sub-Committee Chairman:** Quiz Competition for selected secondary schools during the Annual Conference of Solar Energy Society of Nigeria (SESN) held at Nnamdi Azikiwe University, Awka 4-7th November, 2019.
10. **Chairman,** University Bookshop and Printing Press, Nnamdi Azikiwe University, Awka (2019- till date)

**CONTRIBUTION TO UNIVERSITY/SOCIETY**

1. **Secretary-** (2003-2009) Academic Board, Department of Physics and Industrial Physics Unizik, Awka
2. **Registration Officer-** ( 2003-Jan.2006), Department of Physics and Industrial Physics, Unizik, Awka
3. **Secretary -(**2003- 2010) Welfare Committee, Department of Physics and Industrial Physics, Unizik, Awka
4. **Assistant Staff Adviser-** Physics and Industrial Physics Students Association NnamdiA zikiwe University, Awka (2009-2011)
5. **Secretary-** All Saints’ Grammar School, Umunze, Old Boys Association Awka Branch (2009-till date)
6. **Secretary-**Umunze Progressive Union, Awka Branch (2008-2010)
7. **General Secretary** -Old Aguata Union (OAU), Awka Branch (2010- 2014)
8. **Vice Chairman-** Board of Directors, School of Economics

Nnewi, Affiliate of Tansi University, Umunya (2010-2014)

1. **Warden-** Church of Pentecost, Awka (2009-till date)
2. **Vice Chairman-** Old Aguata Union (OAU), Awka Branch

(2014 –2017)

1. **Secretary-** Faculty of Physical Sciences Committee on

Annual Lecture (2014-2016)

1. **Supervisor-** JAMB (2010-till date)
2. **Monitoring Officer-** NECO (2011-2013)

**MEMBERSHIP OF PROFESSIONAL ASSOCIATION/BODIES**

1. **Member:** Nigerian Institute of Physics **(NIP)**
2. **Member:** Solar Energy Society of Nigeria **(SESN)**
3. **Member:** Nigeria Material Society **(MSN)**
4. **Member** – Teachers Registration Council of Nigeria **(TRCN)**
5. **Member-** American Association for Science and Technology **(AASCIT)**
6. **Member-** All Saints Grammar School Umunze, Old Boys Association
7. **Member-** Sustainable Development Solutions Network-Nigeria (**NSDSN**)
8. **Member:** Senate, Nnamdi Azikiwe University, Awka
9. **Member:** 7th Governing Council, Federal College of Education (Technical) Umunze.

**ACADEMIC HONOURS AND AWARDS**

1. Federal Government Scholarship Award (2001-2003)
2. The best graduating M.Sc. Student, (2003); Department of Physics and Industrial Physics
3. Certificate of Honours from Umunze Students Association, Nnamdi Azikiwe University Chapter (2010)
4. Certificate of Honours from Physics and Industrial Physics Students’ Association (PIPSA) Nnamdi Azikiwe University, Awka (1998)
5. Certificate of Honours from Chapel of Redemption (Anglican Communion) Nnamdi Azikiwe University, Awka (1998)
6. One of the best Graduating students ( 1998); Department of Physics and Industrial Physics, Nnamdi Azikiwe University, Awka
7. Award as “PILLAR” St. Stephen Anglican Church, Umunze (2021).

**WORKSHOP/SEMINAR ATTENDED**

1. Foundation Postgraduate Course in Theoretical Nuclear Physics, organized by National Mathematical Centre, Abuja, 26/11-14/12/2001.
2. US/AFRICA International Workshop on Nanotechnology and Nano-Sciences Education held at University of Nigeria, Nsukka, and 20-23/04/2008.
3. Post-doctoral and Post-graduate Research & Training in Materials Science/Solid- State Physics, organized by World Bank in conjunction with Federal government held at Sheda Science and Technology Complex (SHESTCO) , Abuja. 15/02/09-31/05/09.
4. International Conference on African School on Nano-Science for Solar Energy Conversion 3-7th May, 2010 Addis Ababa, Ethiopia.
5. Active Learning in Optics and Photonics ALOP Nigeria 2016: Organized by ICTP in Conjunction with ITBSD, UNESCO, and SPIE at University of Lagos from 25th- 29th April, 2016.
6. Postgraduate Research Workshop, for Staff and Students of School of Postgraduate Studies , Nnamdi Azikiwe University, Awka 7th -10th November 2016.
7. SDSN Nigeria Private Sector Engagement Forum on Making the Sustainable Development Goals (SDGs) the Business of Private Sector in Nigeria and Inauguration of Leadership Council of SDSN held at Nicon Luxury Hotel, Abuja on 29th November, 2016.
8. 8th Annual Ibadan Sustainable Development Summit (ISDS) at University of Ibadan , Nigeria from 21st -25th August, 2017.
9. AfriHUB ICT Solutions For Africa, Computer Appreciation and Internet Utility (CAI) Course held in Nnamdi Azikiwe University, 2007
10. Advanced Digital Appreciation Programme for Tertiary Institutions (ADAPTI) at Nnamdi Azikiwe University Awka, Anambra State (2017)
11. 9th Annual Ibadan Sustainable Development Summit (ISDS) with them “Megatrends that will Shape National and Global Prosperity by 2030”, held at the University of Ibadan Centre for Sustainable Development, 27-30 August, 2018.
12. School of Postgraduate Studies 2017/2018 Research Workshop , Nnamdi Azikiwe University, 22-26/1/2018
13. 2-Day High Level Sensitization Workshop on “Making Sustainable Development Goals The Focus of Higher Education And Research Institutes in Nigeria” organized by SDSN in Collaboration with UNN held at Princess Alexandra Auditorium, from 25th -26th April, 2018.
14. 2-day training program with the theme “Moving towards a top ranked University: Education for social impart”, at the Nnamdi Azikiwe University, Awka, Anambra State, Nigeria, July 2019.
15. 2-day leadership/capacity building training for Deans, Directors, Co-ordinators, Deputy Directors/ Deputy Co-ordinators, Heads of Departments and Chairpersons of Vice Chancellor’s/Senate Committees and Special Assistants to the Vice Chancellor, 2019/2020 Academic Year, held at the University Auditorium on 4th & 5th December, 2019.

**EXTRA -CURRICULAR ACTIVITIES**

1. Reading Newspapers and Magazines
2. Playing Football
3. Watching of Movies and Listening to Good Music

**REFEREES**

1. Emeritus Professor Ikenna Onyido, FAS

Fmr. Director, Centre for Sustainable Development, Nnamdi Azikiwe University, Awka& Former Vice Chancellor, Federal University of Agriculture Umudike, Abia State

1. Professor Chidi Akujor, FAS

Department of Physics

Federal University of Technology, Owerri

1. Professor Charles Esimone, FAS

Vice Chancellor

Nnamdi Azikiwe University, Awka