**CURRICULUM VITAE**



**BIODATA**

**Name:** Marital **Nwoye** Amarachukwu Nkechi

Maiden **Emesiani** Amarachukwu Nkechi

**Place of Birth and Date:** Udi**,** 8th July, 1980

**Sex:** Female

**Marital Status:** Married

**Nationality:** Nigerian

**State of Origin:** Anambra State

**L.G.A.:** Awka South

**CONTACTS**

**Home Address:** No 18 Nwibor Street, Igweogige, Amikwo Awka

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Nnamdi Azikiwe University, Awka

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**Phone Number:** 0803-877-1515; 08141573700

**Date of Last Promotion:** 1st October, 2019

**Present Rank:** Senior Lecturer

**Area of Specialization:** Physics Education

**INSTITUTIONS ATTENTED WITH DATES**

1. B.Sc.Ed. Nnamdi Azikiwe University, Awka 2002 - 2006
2. M.Sc.Ed. Nnamdi Azikiwe University, Awka 2007 - 2012
3. Ph.D. Nnamdi Azikiwe University, Awka 2013 - 2019

**ACADEMIC QUALIFICATIONS WITH DATES**

1. B.Sc. (Ed.) Physics Education (1st Class) Sept. 2006
2. M.Sc. (Ed.) Physics Dec. 2012
3. Ph.D. Physics Education Sept. 2019

**AWARDS/PRIZES RECEIVED**

1. Faculty Prize for the best graduating student in the Faculty

of Education NAU, Awka. 2006

1. Departmental Prize for the best graduating student in the

Department of Science Education, NAU, Awka. 2006

1. Anambra State Meritorious Award for the best graduating students

in higher institutions 2014

**MEMBERSHIP OF LEARNED SOCIETIES**

1. Member, Science Teachers Association of Nigeria (STAN) 2009 - Date
2. Teachers Registration Council of Nigeria (Reg. No. AN/T/00451) 2011 - Date
3. Member, International Research and Development Institute of Nigeria

(No. 12-01-11-01) 2012 – Date

1. Member, Nigerian Institute of Physics 2021 -

**WORK EXPERIENCE/RELEVANT EXPERIENCE**

1. Senior Lecturer: Science Education Department, NAU, Awka 2019-Date
2. Lecturer I: Science Education Department, NAU, Awka 2016-2019
3. Lecturer II: Science Education Department, NAU, Awka 2013-2016
4. Pre-Science Lecturer: Nnamdi Azikiwe University, Awka. 2013-Date
5. Assistant Lecturer: Science Education Department, NAU, Awka 2012-2013
6. Graduate Assistant: Science Education Department, NAU, Awka 2009-2012
7. Administrative Staff: Science Education Department, Nnamdi Azikiwe

University, Awka. (N.Y.S.C.) 2007-2008

**RESENT SHORT COURSES/WORKSHOPS/ CONFERENCES ATTENDED**

1. NIP Annual Conference, held at N.A.U. 22nd – 25th September 2021
2. STAN National Conference held on Zoom Online Meeting App. 24th–26th August, 2021
3. Coaching and Career Development Skills Training held at N.A.U Awka 9th – 11th August, 2021
4. Nigerian Academy of Education (NAE) 34th Annual Congress

2019 held at University of Port Harcourt 4th-7th November, 2019

1. Deepening Research Competence for Effective Scholarship Research

Workshop held at N.A.U. Awka 8th –12th Octorber, 2018

1. Research Workshop for Postgraduate Students held at Faculty of

Education, N.A.U. Awka 15th–18th October, 2018

1. NUC/ENAGO Acad. Workshop on Acad. Pub. for Jnr & Mid-career

Academics at Nnamdi Azikiwe University, Awka. 15th December, 2017

#### PUBLICATIONS

1. **Books**
2. Obiekezie,T.N, Onuchukwu, C.C, Anene, C.R, Mgbojikwe, D.I., Igwesi, D.I., Ekweozor, C.O., **Nwoye, A.N.** & Ezennaya, O.S. (2014). In T.N. Obiekezie (Eds.), *Calculations in General Physics.* Nimo, Anambra State, Nigeria: Rex Charles and Patrick publishers Nigeria.
3. *Uzor, C.E.,* Anene, C.R, **Nwoye, A.N.**, Omoja, U.C., Orizu, G.E., Ikenga, O.A., Anyanor, O.O. & Ndeche, K.C. (2020). *Understanding the Basic Concepts in Physics.* Nigeria: Patrobas Nigeria Liimited.
4. **Books Chapters**
5. **Nwoye, A.N** (2016). Electrostatics*.* In C.I. Nweze & O.B. Nwosu (First Eds.), *Basics of Physics.* (pp. 290 – 314).: Nigeria: Rex Charles and Patrick Nigeria.
6. **Nwoye, A.N** (2016). Electric Cells*.* In C.I. Nweze & O.B. Nwosu (First Eds.), *Basics of Physics.* (pp. 315 – 341).: Nigeria: Rex Charles and Patrick Nigeria.
7. **Nwoye, A.N** (2018). Electrostatics*.* In C.I. Nweze & O.B. Nwosu (Second Eds.), *Basics of Physics.* (pp. 290 – 314).: Nigeria: Ossyeze Best Prints Nigeria.
8. **Nwoye, A.N** (2018). Electric Cells*.* In C.I. Nweze & O.B. Nwosu (Second Eds.), *Basics of Physics.* (pp. 315 – 332).: Nigeria: Ossyeze Best Prints Nigeria.
9. **Nwoye, A.N** & Okeke, S.O.C(2020). The influence of gender on students’ Academic Achievement in Physics Using Computer Assisted Instruction with Animation. In E. C. Okigbo, N.R. Nnorom & E. Onwukwe (Eds.), *Innovations in Science, Technology and Mathematics Education in Nigeria: Classroom Practices.* E-book: [www.bookrix.com](http://www.bookrix.com).
10. **Book of Abstract**
11. Nwoye, A.N., Okeke, S.O.C. & Uzobuike, P.O (2019). Effect of computer assisted instruction with animation on students’ academic retention in secondary school physics

**IV. Thesis**

1. **Nwoye, A.N.** (2012). Assessment of Resources and the Level of Entrepreneurial Skills Acquired by Secondary School Physics Students in Anambra State. *PDF (academia.eedu).*

**V. Journals**

1. **Local**
2. Nwosu, F.C., **Nwoye, A.N.,** & Nwosu, N.G. (2015). Overcoming Challenges in Engineering Programme Through Employing Psychological Services in Physics Education. *Institutes of Education Journal, University of Nigeria Nsukka. 1(27),* 204 – 211.
3. **Nwoye, A.N,** Chukwuebuka- Nwosu, J.N, Nwokeabia, C.U.A & Chioma, A. (2017). Application of Computer System and Information Technology in Enhancing the Productivity of Science Teachers for Sustainable Development in Nigeria. *Journal of Science and Technology Research. 14(3),* 17 – 22.
4. **Nwoye, A.N.** & Nwosu, F.C. (2018). Assessment on Efficacy of Locally-Made Digital Instructional Material an Achievement of Physics Students on Current Electricity. *Journal of Physical Sciences and Innovation. 10(1),* 43 - 61
5. **Nwoye, A.N.** & Okeke, S.O.C. (2020). Effect of Computer Assisted Assisted Instruction (CAI) with Animation on Students’ Academic Retention in Secondary School Physics. *Journal of the Nigerian Academy of Education. 16(2),* 209 - 218.
6. **Nwoye, A.N.,** Okeke, S.O.C., & Nwosu, F.C. (2020). Gender and Academic Retention of Secondary School Students taught Electrostatics with Computer Animated Instructional Package in Awka Education Zone. *Unizik Journal of STM Education. 3(2),* 41 - 50.
7. **International**
8. Nwosu, F.C, Odigwe, F.O & **Nwoye, A.N.** (2015). Embarking on Improvisation in Current Electricity for Exposure of Physics Students to Digitization for Sustainable Development. *International Journal of Advanced Studies in Ecology, Development and Sustainability (ASEDS).* **UNITED KINGDOM,** *3 (1).* Available online at [www.internationaljournal/journals/advanced-ecology-dev-sustainability](http://www.internationaljournal/journals/advanced-ecology-dev-sustainability).
9. **Nwoye, A.N.** & Okafor, A.E. (2019). Nigerian’s Nascent Secondary School Physics Curriculum and its Implementation Problems. *Scientific Research Journal (SCIRJ). 7(6).* **AUSTRALIA**Available online at <http://www.scirj.org/jun-2019paper.php?rp=P061966>.
10. **Nwoye, A.**N & Okeke, M.N (2019). Career Interest and Gender as Correlates of Performance in Physics and Mathematics. *International Journal of Research in Electronics and Computer Engineering (IJRECE).* **INDIA,** *7 (3).* Available online at <http://www.i2or-ijrece.com/vol.-7-issue-3-version-1-.html>.
11. **Nwoye, A.**N. & Moses J.B. (2019). Teachers’ and Students’ Difficulties and Strategies in the Teaching and learning of Science Subjects Using ICT in Nigeria. *International Journal of Research in Electronics and Computer Engineering (IJRECE).* **INDIA,** *7 (3).* Available online at <http://www.i2or-ijrece.com/vol.-7-issue-3-version-1-.html>.
12. **Nwoye, A.N.** & Okeke, S.O.C. (2019). Educational Attainment of Secondary School Physics Students [in Electrostatics] under Computer-assisted Instruction with Animation. *The International Journal of Humanities and Social Studies (THEIJHSS).* **INDIA,** *7(7).* Available online at <http://www.internationaljournalcorner.com/index.php/theijhss/issue/view/8603>.
13. **Nwoye, A.N.,** David-Okoro, I.L & Mbaegbu, C.S. (2021).The Impact of Covid-19 Pandemic on Science Education in Anambra State of Nigeria\*. American Journal of Higher Education (AJHE) **San Francisco, CA, USA**, *9(2).* Available at [www.american-journals.com/highereducation](http://www.american-journals.com/highereducation); ISSN: 2328-1227 (011)
14. Nwosu, F.C., Madu, B.C., **Nwoye, A.N.** & Okoye, N.T. (2021). Evaluation on Effect of Type of Electric Circuit onAchievement of Physics Students on Ohm's Law. *Education & Science Journal of Policy Review and Curriculum Development* (ESJPRCD). *10(2).* Available at <http://internationalpolicybrief.org/journals/international-scientific-research-consortium-journals/edu-and-sci-jrnl-of-policy-review-and-curriculum-dev-vol10-no2-june-2021> p-ISSN: 2315-8425 | e-ISSN: 2354-1660

**RESEARCH INTEREST**

1. STEM Education.
2. Innovative and Productive Approaches to Science Teaching and Learning.
3. Skill Acquisition for Sustainable Development.
4. Evaluation of Pedagogical initiatives.
5. Conceptual Understanding and Problem Solving Skill
6. Physics Education and Wealth Creation

**REFEREES**

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