

CURRICULUM VITAE

A. PERSONAL DATA:

First Name: Ojeabu
Middle Name: Ehijie
Last Name: Akhirevbulu
Gender: Male
Date of Birth: 4th November, 1978
Marital Status: Married
State of origin: Edo State
L.G.A. of origin: Esan West
Nationality: Nigerian
Contact Address: No. 6, Emuan Avenue, Off Ikhirolo Extension
Ekpoma.
Postal Address: P.O. Box 117, Ekpoma.
Phone number: 07037821162
E-mail Address: ojeabu@yahoo.com, ojeabu@aauekpoma.edu.ng

B. (i) INSTITUTIONS ATTENDED	PERIOD OF STUDY
1. Ambrose Alli University, Ekpoma	1998-2002
2. Federal University of Technology, Minna	2005-2007
3. Ambrose Alli University, Ekpoma	2010- 2016

(ii) DEGREES OBTAINED	DATES
1. Bachelor of Science (B.Sc.) Degree in Applied Physics (Geophysics) (Second Class Hons. lower division)	2003
2. Master of Technology (M. Tech.) Degree in Geology (Mineral Exploration)	2008
3. Doctor of Philosophy (Ph. D) Degree in Geophysics.	2017

C. (i) <u>SECONDARY EDUCATION</u>	PERIOD OF STUDY
Igueben College, Igueben	1991-1996

(ii) CERTIFICATES OBTAINED	DATES
General Certificate Examination (GCE)	1996 & 1998

D. (i) PRIMARY EDUCATION**PERIOD OF STUDY**

Uwendova Primary School Ekpoma

1984 – 1989

(ii) CERTIFICATES OBTAINED**DATES**

Primary School Leaving Certificate

1990

E. WORKING EXPERIENCE**Employer:**

Ambrose Alli University, Ekpoma

Department:

Physics

Status:

Senior Lecturer

POSITIONS OCCUPIED**PERIOD**

Assistant Lecturer

2007 - 2011

Lecturer II

2011 - 2014

Lecturer 1

2014 - 2017

Senior Lecturer

2017 till Date

F. UNDERGRADUATE COURSES ALLOCATED**i. 100 Level Courses**

Course Code	Course Title	Units/Status
➤ PHY 101	General Physics I (Mechanics)	3C
➤ PHY 102	General Physics II (Electricity & Magnetism)	3C
➤ PHY 103	General Physics Laboratory	2C
➤ PHY 111	General Physics III (Heat & Kinetic Theory)	3C

ii. 200 Level Courses

➤ GEO 205	Physical Geology	2C
➤ GEO 211	Electrical Prospecting methods	2C
➤ PHY 216	Electrical Circuits & Electronics I	3C
➤ ENT 211	Entrepreneurship study II	2C

iii. 300 Level Courses

➤ GEO 301	Field work for Geophysics	3C
➤ GEO 309	Electrical & Electromagnetic Prospecting	2C
➤ GEO 321	Structural Geology	2C
➤ PHY 319	Six months Industrial Training Scheme (SIWES)	15C

iv. 400 Level Courses

➤ PHY 409	Final Year Student Project	6C
➤ PHY 413	Modern Optics	3C
➤ PHY 416	General Geophysics	2C
➤ GEO 411	Radiometric Prospecting method	3C

G. POSTGRADUATE COURSE(S) ALLOCATED

M. Sc. Course

Course Code	Course Title	Units/Status
➤ PHY 723	General Geology	3C

H. RESEARCH AND DESSERTATION

1. Electrical Resistivity for Underground Water Investigation using Uhonmora, Ora as a case study. **(completed)**
2. Geological, Mineralogical and Geotechnical properties of Clay occurrences around Kutigi, Central Bida Basin, Nigeria. **(completed)**
3. AVO Analysis of seismic data in the shallow offshore region of Niger Delta. **(completed)**

I. PUBLISHED PAPERS

1. Isabona, J., Ekpenyong, M. and **Akhirevbulu, O.** (2009). Simulating 3G networks in realistic propagation environment. World journal of applied science and technology, vol. 1. no. 1, pp. 116-121.
2. Isabona, J., Ekpenyong, M. and **Akhirevbulu, O.** (2009). A simulation agent for efficient network evaluation in 3G cellular mobile radio planning. Journal of Computer Science and Technology, vol. 9, no. 2, pp. 94-100.
3. Iyoha, A., Ehika, S. and **Akhirevbulu, O.E.** (2010). Delineation of Aquifer in Ikoha village in Ovia South West L.G.A. of Edo State Nigeria. Journal of the National Association for the Advancement of Knowledge, vol. 20, no. 1, pp. 13- 17
4. **Akhirevbulu, O.E.**, Amadasun, C.V.O., Ogunbajo M.I. and Ujuanbi .O. (2010). The geology and mineralogy of clay occurrences around Kutigi central Bida Basin, Nigeria. Ethiopian Journal of Environmental Studies and Management, vol.3, no. 3, pp 49-56.
5. **Akhirevbulu, O.E** and Ogunbajo M.I. (2011). The geotechnical properties of clay occurrences around Kutigi central Bida Basin, Nigeria. Ethiopian Journal of Environmental Studies and Management, vol. 4, no. 1, pp 25-35.
6. **Akhirevbulu, O.E.**, Amadasun, C.V.O and Iyoha, A. (2011). Geoelectrical Investigation for Groundwater in a basement complex; A case study of Igarra, Akoko-Edo Local Government Area of Edo State, Nigeria. Journal of the National Association for the Advancement of Knowledge, vol. 22, no. 1, pp 132-137.
7. Eshimokhai S., Osueni L. and **Akhirevbulu O.E.** (2011). Petroleum potentials and well log evaluation from Niger Delta Basin. The journal of Nigerian Association of Mathematical Physics, vol. 18, no. 1, pp 157-164.

8. Eshimokhai S., **Akhirevbulu O.E.** and Osueni L.(2011).Evaluation of thin bed using resistivity borehole and NMR imaging techniques. Ethiopian Journal of Environmental Studies and Management, vol. 4, no. 4, pp 96-102.
9. Eshimokhai S. and **Akhirevbulu O.E.** (2012). Reservoir characterization using seismic and well logs data (A case study of the Niger Delta). Ethiopian Journal of Environmental Studies and Management, vol. 5, no. 4, pp 597-603.
10. Iyoha A, **Akhirevbulu O.E.**, Amadasun C.V.O and Evboumwan I.A. (2013). 2d resistivity imaging investigation of solid waste landfill sites in Ikhueniromunicipality, Ikpoba Okha local government area, Edo State, Nigeria Journal of resources development and management, vol. 1, pp 65-69.
11. Salufu O. S., **Akhirevbulu O.E** and Iyoha A. (2014). Analytical method for predicting pore pressure and corresponding depth using well and seismic data: A Niger delta scenario. The journal of Nigerian Association of Mathematical Physics, vol. 26, pp 528 - 540.
12. Salufu O. S. and **Akhirevbulu O.E.** (2015). Provenance and depositional environment indications for campano-maastrichtian sediments in Anambra basin, using geochemical, petrographic and field characteristics. Journal of intellectual collaboration and development, vol. 1, no. 1, pp 16 - 34.
13. Friday Ezomo, Justice E. Adagbon, **Ojeabu Akhirevbulu** and Ezekiel Abriku (2015). Delineation of subsurface lithology using two-dimensional geoelectrical resistivity imaging in Ologbo area of Edo state, Nigeria. International Journal of Scientific and Engineering Research (IJSER) vol. 6, issue 6, pp 1110 – 1118.
14. Salufu O. S. and **Akhirevbulu, O.E.** (2015). Correlation for predicting TDS and Electrical conductance of groundwater: using electrical resistivity method. Journal of Multidisciplinary Engineering Science and Technology (JMEST) vol. 2 issue 11, pp 2972 – 2975.
15. Salufu S.O., Ujuanbi, O., and **Akhirevbulu O.E.** (2018). Delineation and characterization of ancient fluvial channel deposits using electrical resistivity tomography. Journal of physical and applied sciences (JPAS) vol. 1, no. 1, pp 1-12.
16. **Akhirevbulu, O.E.**, Ujuanbi, O., and Salufu S.O., (2018). Integration of electrical methods for the investigation of pollution plume migration pattern along Ekpoma-Urohi road, Edo state, Nigeria. Journal of Physical and Applied Sciences (JPAS) vol. 1, no. 1, pp 135-143.
17. Okojie V.U, Isetakhale H., Salufu, S.O. Ufuah, E., **Akhirevbulu O.E.**, Okiti M.O. (2018). A three pronged technique for Determination of Erodibility of soils in gullies. ASUU Journal of Science. vol. 5, no. 1&2, pp 58-76.
18. **Akhirevbulu, O.E.** and Salufu O. S. (2019). The use of integrated 2D electrical methods for the investigation of road failure along Ozalla-Uhonmora road, Edo State, Nigeria. International journal of Innovative Science and Engineering Technology Research vol. 7, no. 1, pp 51-58.

19. **Akhirevbulu, O.E.** and Ujuanbi, O. (2019). AVO Intercept and Gradient Analysis: A viable tool for gas sand classification. Nigerian Journal of Physics. (Accepted Paper).
20. Ujuanbi O., Salufu S.O, **Akhirevbulu O.E.** (2020). Combined use of Geophysical and Geochemical Investigation for the Assessment of Groundwater Vulnerability around Cassava processing sites at Ibillo Community, Akoko-Edo, Edo State, Nigeria. Journal of Applied and Basic Sciences (JABS) vol. 11, no. 1, pp 35-41.
21. **Akhirevbulu O.E.**, Salufu, S.O and Ujuanbi, O. (2020). An Analysis of Hydraulic Conductivity Effect on Microbial Contaminants Infiltration in Aquiferous Layers with varying Geologic Properties. Journal of Applied and Basic Sciences (JABS) vol. 11, no. 1, pp 42-49.
22. Salufu S.O, **Akhirevbulu O.E.**, Ujuanbi O. (2020). The Effects of Upper Layer Hydraulic Conductivity and Elevation on Water Table. Journal of Applied and Basic Sciences (JABS) vol. 11, no. 1, pp 50-55.
23. Okojie U.V, Salufu O.S, **Akhirevbulu O.E.**, Isitekhale H, Ufuah E, Onogbosele C and Okiti M.O. (2020). An Assessment of Factors Responsible for Gully Development in Ambrose Alli University Ekpoma, Nigeria. Journal of Applied and Basic Sciences (JABS) vol. 11, no. 1, pp 56-64.

J. CONTRIBUTION TO TEXTBOOKS

A chapter in First Course on Fundamental Physics vol. 2 (Thermal Physics, Modern Physics & Basic Electronics) edited by Osemeikhian J.E.A., Iyayi S.E., Ujuanbi .O. & Jegede S.I.

K. CONFERENCES/ WORKSHOPS/ SEMINARS/ TRAINING PROGRAMMES ATTENDED WITH DATES

1. 19th Colloquium and Congress of the Nigerian Association of Mathematical Physics (NAMP) held at the University of Benin, Benin City, Nigeria (Tuesday 4th November – Friday 7th November 2008).
2. 2ND International seminar on theoretical Physics and National Development (ISOTPAND) held at the National Mathematical Centre, Sheda, FCT Abuja (July 5 - 9, 2009).
3. 22nd Annual Colloquium & Conference of the Nigerian Association of Mathematical Physics (NAMP) held in Ekiti State University, Ado-Ekiti, Nigeria (1ST – 4TH November, 2011).
4. dGB Opendtect Training for Ambrose Alli University Ekpoma Organized by Danvic Concepts International Nigeria Limited and Sponsored by Petroleum Technology Development Fund (PTDF) (7TH – 11TH November, 2011).

5. The Advanced Digital Appreciation Programme for Tertiary Institutions (ADAPTI) training at Auchi Polytechnic, Auchi, organised by Digital Bridge Institute (27th February– 2nd March, 2012).
6. The Essential Electronic Agriculture Library (TEEAL) and Hinari Data bases training at Ambrose Alli University library, Ekpoma (11th October, 2012).
7. AVO, Inversion, and Attributes: Principles and Applications Training in Lagos Organized by Danvic Concepts International Nigeria Limited (2nd September – 6th September, 2013).
8. 24thAnnual Colloquium and Congress of The Nigerian Association of Mathematical Physics (NAMPA) held at The University of Benin, Benin City, Nigeria (Wednesday 26th February – Friday 28th February 2014).
9. 38THAnnual Conference of The Nigerian Institute of Physics (NIP) held at Olabisi Onabanjo University, Ago Iwoye, Ogun State, Nigeria (Monday 5th October – Friday 9th October, 2015).
10. 40th Annual Conference of The Nigerian Institute of Physics (NIP) held at Federal University of Technology Minna, Niger State, Nigeria (Monday 20th November – Friday 24th November, 2017).

L. CONFERENCE PAPERS

1. AVO Intercept and Gradient Analysis: A viable tool for gas sand classification.
2. Rock physics modeling and lambdamurho inversion for litho-fluid prediction- An Offshore Niger Delta case study.

M. AWARD PROGRAM(S) ATTENDED WITH DATE(S):

2009 AAPG Imperial Barrel Award (IBA) program (AAPG Africa Region), held at the Peninsula Resort, Lekki Lagos, Nigeria. (Friday 17th April, 2009).

PAPER PRESENTED:

The Exploration Potential of the North Viking Graben Basin, Norway.

N. MEMBERSHIP OF LEARNED/PROFESSIONAL SOCIETY:

1. The Nigerian Association of Mathematical Physics (NAMPA).
2. Nigerian Association of Petroleum Explorationists (NAPE).
3. Nigerian Mining and Geoscientist Society (NMGS)

O. UNIVERSITY APPOINTMENT:

1. Assistant Hall Warden for Clinical Hostel. 2016.

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| 2. Member of University Task force committee | 2017 – 2019 |
| 3. Member of the Engineering and Environmental studies Research cluster. | 2017 - date |
| 4. Member of Editorial board of the Journal of Applied and Basics Sciences (JABS). | 2018 – date |

P. FACULTY RESPONSIBILITIES:

- | | |
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| 1. Chairman, Sanitation Committee, Faculty of Natural Sciences, Ambrose Alli University, Ekpoma. | 2015 – 2016. |
| 2. Departmental Representative, Enterpreneural Studies, | 2011 – date. |
| 3. Faculty of Physical Sciences Representative to Faculty of Basic Medical Sciences. | March2019 – date. |

Q. TEACHING/ SUPERVISION OF PROJECT WORK

I teach; Geophysics, Geology and Basic Physics courses at undergraduate levels, Geology at master’s level, supervise research work at undergraduate level and co-supervise research work at Masters level.

R. HOBBIES AND GAMES.

Reading, table–tennis, scrabble, watching movies and listening to music.

REFEREES

1. **Emeritus Prof. J.E.A. Osemeikhian**
Department of Physics,
Faculty of Physical Sciences,
Ambrose Alli University,
Ekpoma, Edo State.
2. **Prof. O. Ujuanbi**
Department of Physics,
Faculty of Physical Sciences,
Ambrose Alli University,
Ekpoma, Edo State.
3. **Sir, Prof. D. O. Aigbomian KSM**
Former Vice Chancellor,

Ambrose Alli University,
Ekpoma, Edo State.