



CURRICULUM VITAE

I. PERSONAL DATA:

- (A) NAME: ALU OLATUNJI OLUSEGUN
- (B) DATE OF BIRTH: December 9th 1981
- (C) CURRENT POSTAL ADDRESS: Department of Chemical and Geological Sciences
Faculty of Natural and Applied Sciences
Al-Hikmah University,
Adewole Housing Estate, Adeta Road
P.M.B 1601, Ilorin, Kwara State.
- (D) MARITAL STATUS: Married
- (E) TEL. NO. AND E-MAIL ADDRESS: 08035115021, oolu@alhikmah.edu.ng
- (F) DATE OF FIRST APPOINTMENT: 6th December 2012
- (G) STATUS ON FIRST APPOINTMENT: Regular
- (H) DATE OF LAST PROMOTION: 1st October 2018
- (I) PRESENT INSTITUTION: Al-Hikmah University
- (J) POST: Lecturer I
- (K) DEPARTMENT: Chemical and Geological Sciences (Geology)
- (L) FACULTY: Natural and Applied Sciences

II. UNIVERSITIES ATTENDED (With Dates):

- (a) National Open University (NTI) (PGDE) 2014-2015
- (b) University of Ibadan, Ibadan (M.Sc.) 2007-2010
- (c) University of Maiduguri, Maiduguri (B.Sc.) 2001-2005
- (d) Command Secondary School, Kaduna 1993-1999

III. ACADEMIC AND PROFESSIONAL QUALIFICATIONS (With Dates):

- (a) Post Graduate Diploma in Education 2015
- (b) M.Sc. Geology (Applied Geophysics) 2010
- (c) B.Sc. Geology 2006
- (d) West African Senior School Certificate Examination 1999

I.V. SCHOLARSHIPS AND PRIZES:

2009/2010- NNPC/ESSO National Post-graduate Scholarship Award

2009 -ARET ADAMS Foundation Grant in Geology

V. HONOURS, DISTINCTIONS AND FELLOWSHIPS:

VI. MEMBERSHIP OF LEARNED SOCIETIES:

- Council of Nigerian Mining Engineers and Geoscientist (COMEG)
- Nigerian Mining and Geo-science Society (NMGS) C-13-5139
- National Association of Petroleum Explorationist (NAPE) -AC 2015/4170
- American Association of Petroleum Geologist (AAPG) -10039016
- Society of Exploration Geologist (SEG)
- Nigeria Institute of Management (NIM)
- Junior Chambers International (JCI)

VII. LENGTH OF TEACHING: 9 Years

VIII. EXPERIENCE SINCE BASIC QUALIFICATION/CAREER PROGRESSION:

(a) Lecturing :

Al-Hikmah University, Department of Chemical and Geological Sciences 2012 –date

Responsibilities: Teaching and Research

(b) Industry Experience :

Kaduna Refinery and Petrochemicals
2012

Sept. 2010-Dec

Responsibilities: (Facility Officer)

Machining of tools and Plant maintenance (Maintenance/Production
Department)

PARTICIPATED IN THE FOLLOWING ENGINEERING OPERATION AT THE KADUNA REFINERY

1. Startup of Fluid Catalytic Cracking Unit.
2. Routine maintenance on engineering equipments i.e. pumps, compressors, air fin coolers.
And the machining of the following
 - A. Construction of 34HO1 pilot burner
 - B. Machining of new spleen (coupling) for 10PT02A control Governor
 - C. Construction of burner tip for 16H01
 - D. Repairs of Vertical exchanger studs
 - E. Production of shaft for foam pump, for fire truck number XA205MKA
 - F. Machining of butterfly valve adaptor

- G. Machining of Rotor of 30P02A
- H. Machining of plugs for 33E04
- I. Production of 15P03B
- J. Production of ratchet cover

IX. RESEARCH INTERESTS:

My research focuses on Environmental Geophysics and Hydro-Geophysics. Particularly in the area of integrating diverse data sets, including geophysical, geological, petrologic, and even geochemical studies towards solving geological and environmental problems.

X. COURSES TAUGHT (in the last three years):

(a) At the Undergraduate Level:

COURSES	UNITS
1. GEM 102 INTRODUCTION TO GEOLOGY II	2 (C)
2. GEM 203 GENERAL PETROLOGY	3 (C)
3. GEM 208 MINERAL RESOURCES AND ENVIROMENTAL GEOLOGY	2 (C)
4. GEM 301 IGNEOUS PETROLOGY	3 (C)
5. GEM 302 GEOTECTONICS	3 (C)
6. GEM 304 PRINCIPLES OF GEOPHYSICS	2 (C)
7. GEM 309 STRUCTURAL GEOLOGY	3 (C)
8. GEM 314 GEOLOGICAL ENTREPRENEURIAL SKILLS& CONSULT.	2 (C)
9. GEM 401 APPLIED GEOPHYSICS	3 (C)
10. GEM 403 MARINE GEOLOGY	3 (E)
11. GEM 410 PROJECT	5(C)
12. GEM 412 SEMINAR	2(C)
13. GEM 414 MINING GEOLOGY	3 (E)

(b) At the Postgraduate Level:

XI. SUPERVISION OF POSTGRADUATE STUDENTS (List Some):

XII. PUBLICATIONS:

A. THESES:

1. INTEGRATION OF GEOLOGICAL, GOPHYSICAL AND SATELLITE IMAGERY TO INVESTIGATE THE NATURE OF ROCK SLIDE AT OYAN, SOUTHWESTERN NIGERIA.
 2. PETROGRAPHIC STUDIES OF ROCKS IN PARTS OF NARAGUTA (SHEET 168) NE
- B. AUTHORED AND CO-AUTHORED BOOKS:
- C. EDITED AND CO-EDITED BOOKS:
- D. PUBLISHED CHAPTERS IN EDITED BOOKS (Not more than two in a book):
- E. PUBLISHED JOURNAL ARTICLES:
- (1). Oyewumi-Musa R.T., M’civer F.A., **Alu O.O.**, Amigun T.A., Garba B., and Adigun L.O. **2017**. “Physicochemical and Heavy Metals Assessment of Well Water around Selected Automobile Sites in Ilorin, North-Central Nigeria” *Minna Journal of Geosciences (MJG)* Volume 1 Number 2, 2017, pg 90-99.
 - (2). Ogungbemi, S.O, **Alu, O.O**, Ologe, O. and Badmus, O.G.**2016**. “Electromagnetic Profiling and Electrical Resistivity Soundings for Groundwater Investigation in a Typical Basement Complex: A Case Study of part of Ijero-Ekiti, Southwestern Nigeria” *Ekiti State University Journal of Science and Technology*, Vol. 2 No. 1, 2016, pg 12-23.
 - (3) O.O. Oso, C.O. Ayodele and **O.O Alu**.**2016**. “Use of VLF-Electromagnetic and Electrical Resistivity Methods for Ground water Investigation in Oke-Amu Area, Southwestern Nigeria” *International Journal of Research Studies in Science, Engineering and Technology*, Volume 3, Issue 10, pp 1-9.
 - (4) O. Ologe, **O.O Alu**, S.A. Bankole and N.N. Abdulsalam.**2016**. “Integrated Geophysical Approach in Delineating Aquiferous Units in the Basement Complex of Sogunro Area, Ibadan, Southwestern Nigeria” *Achievers Journal of Scientific Research (AJOSR)*.
 - (5) **Alu O.O.**, Ologe O. and Ogungbemi O.S.**2015**.Hydrogeophysical Investigation of KusaMining Hill, Ijero-Ekiti Nigeria, using Geo-Electrical and Electromagnetic methods.*Alhikmah Journal of Pure and Applied Sciences (AJPAS)* Alhikmah University, Ilorin. Vol.1: 18-26
 - (6) Ologe, O., O.S. Ogungbemi, and **O.O. Alu**. **2014**. “Mining Activities and Its Hydrogeochemical Implication: A Case Study of Ijero Mining Site Southwestern Nigeria”. *Pacific Journal of Science and Technology*. 15(2):298-308.
 - (7) Oluwaseun S. Ogungbemi, **Olatunji O. Alu**, OluwatoyinOloge. **2014**. Integrated Geophysical approach to Solid Mineral exploration- A case study of Kusa Mountain, IjeroEkiti, Southwestern Nigeria. *Pacific Journal of Science and Technology*. 15(1):426-432.
- F. MONOGRAPHS:

G. TECHNICAL REPORTS:

- (i) Department of Geology and Mineral Science Igbaja Campus (2013): Curriculum design for Advance Diploma in Geology Programme.
- (ii) Department of Geology and Mineral Sciences (2012-2015): Handbook for Academic Programme (Undergraduate) For Geology and Mineral Sciences, Alhikmah University Ilorin Nigeria. Pg. 1-19
- (iii) Department of Geology and Mineral Sciences (2014-2017): Handbook for Academic Programme (Undergraduate) For Geology and Mineral Sciences, Alhikmah University Ilorin Nigeria. Pg. 1-63

H. JOURNAL ARTICLES AND BOOK CHAPTERS ACCEPTED FOR PUBLICATION:

- (a) **Alu, O.O.**;Ojulari, B.A; Oso, O. and Mustapha, M.**2018**. Interpretation of Aeromagnetic Data of Parts of Share for Geotechnical Studies Sheet 202, South-Western Nigeria.
- (b) **Alu, O.O.**;Bappah, A.A; Amir, A.W. and Ojulari, B.A.**2018**. Estimation of Reserves and Rock Suitability for Construction Using Basic Geologic Mapping and Geotechnical Methods: A Case Study of an Abandoned Quarry site at Yaru, Southwestern Nigeria.
- (c) **Alu, O.O.2018**.Evaluation of Ground Water Potential Using Vertical Electrical Sounding Technique Gusau, Zamfara State, Nigeria.

I. CONFERENCES, SEMINARS & WORKSHOPS ATTENDED (With Dates):

- (1) 2018■ ALHIKMAH UNIVERSITY ILORIN – NIGERIA (Workshop): **Workshop on Basic Teaching and Assessment Skills for the Lecturers of Al-Hikmah University, Ilorin.**
- (2) 2017■BANK OF INDUSTRY IN COLLABORATION WITH LAUREL SCHOOL OF MINES – NIGERIA (Workshop): **Gemstones Training to Trading Programme.**
- (3) 2017■ 35TH ANNUAL INTERNATIONAL CONFERENCE & EXHIBITION OF NIGERIAN ASSOCIATION OF PETROLEUM EXPLORATIONIST (NAPE) EKO 2017. NOVEMBER 19-23 2017

Haruna, K.A., Adebawale, M., Ojo, O.J., Tukur, M.M., Adepoju, S.A and **Alu, O.O.** 2017.Reservoir Characterization of the Eze-Aku Formation, Lower Benue Trough, South-Eastern, Nigeria.
- (4) 2016■ 8th NAPE-NMGS Mini-Conference for Tertiary Institutions: NAPE Short Course on **Petroleum System Concept: History, Types and Application.** AUGUST 11, 2016.
- (5) 2016■ 52ND ANNUAL INTERNATIONAL CONFERENCE & EXHIBITIONS OF NIGERIAN MINING AND GEOSCIENCES SOCIETY (NMGS) ILORIN 2016.MARCH 13-18 2016

“**Alu O.O** and Mustapha M.2016. Interpretation of Aeromagnetic Data of Parts of Share for Geotechnical Studies Sheet 202, South-Western Nigeria”.

“Adebowale, M., Haruna, K.A., Adepoju, S.A., Ojo, O.J., **Alu, O.O.**, and Aliyu, I.2016. Depositional Environment Indicators of Maastrichtian Mamu Formation Coal, Anambra Basin, Nigeria”.

- (6) 2015 ■ ALHIKMAH UNIVERSITY ILORIN – NIGERIA (Workshop): **Pedagogical Principles, Methods and Techniques for Academic Staff.**
- (7) 2015 ■ ADVANCED SPACE TECHNOLOGY APPLICATIONS LABORATORY, UYO (Workshop)
(National Space Research and Developmental Agency). “**Applications of Satellite Remote Sensing and GIS Technologies in Tackling Environmental Challenges in Nigeria**”. AUGUST 16-21 2015
- (8) 2015 ■ 33RD ANNUAL INTERNATIONAL CONFERENCE & EXHIBITION OF NIGERIAN ASSOCIATION OF PETROLEUM EXPLORATIONIST (NAPE) EKO 2015. NOVEMBER 8-13 2015
- (9) 2014 ■ INTERNATIONAL CONFERENCE ON SCIENCE, TECHNOLOGY, EDUCATION, ARTS, MANAGEMENT AND SOCIAL SCIENCES, iSTEAMS Research Nexus Conference, Afe Babalola University, Ado-Ekiti, Nigeria. MAY 2014.
“**Alu, O.O**; Ologe, O and Ogungbemi, O.S. 2014. Hydrological Characterization of Kusa Mining Hill, Ijero-Ekiti Nigeria, Using Geo-Electrical and Electromagnetic Methods”.
- (10) 2013 ■ THE INTERNATIONAL CONFERENCE ON EDUCATION FOR SUSTAINABLE DEVELOPMENT IN AFRICA CAPE COAST, GHANA.
AUGUST 11-16 2013

“Ologe Oluwatoyin, **Alu Olatunji O**, Bankole Shereef and Abdulsalam Naem. 2013. Investigation of Groundwater Prospects in a Basement Complex Using Electromagnetic Profiling and Magnetic Method: A Case Study of Sogunro, Southwestern Nigeria. The UCC-UNILORIN 3rd Joint International Conference on Education For Sustainable Development in Africa, Cape Coast Ghana.”
- (11) 2009 ■ AFRICAN LEADERSHIP FORUM: Legislative Internship Programme (ALF-LIP) 4 Weeks
- (12) 2008 ■ WEST AFRICAN RESEARCH AND INNOVATION MANAGEMENT ASSOCIATION (WARIMA). NOVEMBER 10-12 2008
- (13) 2008 ■ AFRICAN LEADERSHIP FORUM: Democratic Leadership Training Workshop (General Public Group).

J. BOOK REVIEWS

XIII. COMMUNITY SERVICE:

Basic Technology / Basic Science Teacher, Gods Way Kiddies Academy (Ilorin, 2013 – 2015).
(NON-PAID)

Working as a Volunteer to assist students in using the equipment needed for technological growth and mastery.

Administrative Experience at Al-Hikmah University, Ilorin

- Member, 2021 (11th) Convocation Committee 2021
- Coordinator, Al-Hikmah University Special Marshal (Unit 38) 2021
- Team Lead Al-Hikmah Business Ventures (Car Wash) 2021
- Member, Technical Committee on the First Virtual Convocation Ceremony 2020
- Member, Security Committee 2020
- Top-Up Departmental Coordinator 2017-Date
- Chairman, Committee of Level Advisers (COLA) 2017-Date
- Member, Committee on the Establishment of Directorate of Entrepreneurial Studies 2017
- Member, Committee on the Review of Student's Hand Book 2017
- Departmental SIWES Coordinator (Geology programme) 2016-2021
- Secretary, Departmental accreditation Committee 2015
- Academic Secretary of the Department 2015-2021
- Faculty Advisor to student chapter associations (NMGS, NAPE) 2014-Date
- Departmental Project Coordinator (Geology Programme) 2016-2017
- 400 level academic adviser (2012/2013 session)
- 100 level academic adviser (2013/2014 session)
- 200 level academic adviser (2014/2015 session)
- 300 level academic adviser (2015/2016 session)
- 400 level academic adviser (2016/2017 session)
- 100 level academic adviser (2017/2018 session)
- 200 level academic adviser (2018//2019 session)
- 300 level academic adviser (2019/2020 session)
- 100 & 400 level academic adviser (2020/2021 session)

XIV. EXTRA-CURRICULAR ACTIVITIES

Leisure Reading, travelling, playing football and listening to world news.

XV. NAMES & ADDRESS OF THREE (3) REFEREES:

1. Professor S.S. Dada FNMGS
President NMGS
Dean
Faculty of Natural and Applied Sciences
Al-Hikmah University
Ilorin,
Kwara State.
E-mail: ssdada@alhikmah.edu.ng

2. Professor A. Idowu Olayinka FNMGS, FNAPE
Vice Chancellor (2016-2021)
University of Ibadan
Ibadan,
Oyo State.
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3. Professor Saidu Baba FNMGS
Deputy Vice Chancellor Academic
University of Maiduguri,
Borno State, Nigeria
Email: saidubaba@rocketmail.com