

CURRICULUM VITAE

FULL NAME: Akpomie Kovo Godfrey
POST: Lecturer I
AREA OF SPECIALIZATION: Industrial Chemistry
DEPARTMENT: Pure & Industrial Chemistry
GENDER: Male
PERMANENT HOME ADDRESS: Q34, Adetutu, Street, Jenta, Jos, Plateau State
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STATE OF ORIGIN; Delta
LOCAL GOVERNMENT AREA; Ethiope East
RELIGION: Christianity

EDUCATIONAL INSTITUTIONS ATTENDED WITH DATES:

University of Ibadan, Ibadan	2010 - 2016
University of Ibadan, Ibadan	2007 - 2009
University of Jos, Jos	2001 - 2006
St. Murumba College, Jos	1994 - 2000

ACADEMIC QUALIFICATIONS WITH DATES:

Ph.D Industrial Chemistry	2016
M.Sc Industrial Chemistry (Distinction, 75.8%)	2009
B.Sc (Hons) Industrial Chemistry (Upper Division, 2¹)	2006
Certificate in Computer Studies	2005
WASSCE and NECO	2000
Primary School Leaving Certificate	1994

PROFESSIONAL QUALIFICATIONS WITH DATES:

Member Chemical Society of Nigeria	2012
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AWARDS/ PRIZES:

University of Ibadan Ph.D Thesis Publication Award 2014/2015 Session

Chess Bronze Medallist; Research Institute Games of Nigeria (RIGAN) 2011

EMPLOYMENT RECORDS;

RESEARCH/TEACHING EXPERIENCE

Lecturer I

Department of Pure & Industrial Chemistry,
University of Nigeria, Nsukka Sept 2016 till Date

Senior Research Officer

Projects Development Institute (PRODA), Enugu
Federal Ministry of Science and Technology Jan 2015 - Aug 2016

Research Officer I

Projects Development Institute (PRODA), Enugu
Federal Ministry of Science and Technology Dec 2010 – Dec 2014

Chemistry Tutor

Ebenezer Comprehensive High School, Lagos 2008 – 2010

SERVICE TO NATIONAL BODIES:

Chemistry Teacher,
Orin Senior High School,
Orin, Ekiti State (**National Youth Service Corps**) 2006 – 2007

RESEARCH INTEREST AND ACTIVITIES

- Removal of toxic substances from the Environment
- Metal-Environmental Impact Assessment and Corrosion Prevention
- Characterisation and utilisation of clays for Ceramics, Pottery and Refractory applications

THESIS/DISSERTATION

1) Comparative study of rice-husk-clay and chemically modified clay as adsorbents for heavy metals from industrial effluents, **Ph.D.** University of Ibadan. (2016).

Supervisor: Associate Prof. F. A. Dawodu, Department of Chemistry, University of Ibadan, Nigeria.

External Examiner: Prof. L. Lajide, Department of Chemistry, FUTA, Akure, Nigeria.

2) Kinetic studies on the sorption of heavy metals on some agricultural waste materials, **M.Sc.**, Chemistry Department, University of Ibadan. (2009).

Supervisor: Associate Prof. F. A. Dawodu, Department of Chemistry, University of Ibadan, Nigeria.

3) Extraction of Tartaric acid from tamarindus indica, Chemistry Department, **B.Sc.**, University of Jos, Nigeria. (2006).

Supervisor: Prof. D. A. Dashak, Department of Chemistry, University of Jos, Nigeria.

LIST OF PUBLICATIONS;

- 1) **Akpomie K. G**, Dawodu F. A. (2016). Acid-modified montmorillonite for sorption of heavy metals from automobile effluent. *Beni-Suef University Journal of Basic and Applied Sciences*. Doi:10.1016/j.bjbas.2016.01.003. (**Elsevier**).
- 2) **Akpomie K. G**, Dawodu F. A, Adebowale K. O. (2015). Mechanism on the sorption of heavy metals from binary solution by a low cost montmorillonite and its desorption potential. *Alexandria Engineering Journal*.54: 757-767 (**Elsevier**).
- 3) **Akpomie K.G**, Dawodu F. A. (2015). Potential of a low cost bentonite for heavy metal abstraction from binary component system. *Beni-Suef University Journal of Basic and Applied Sciences*. 4: 1 – 13 (**Elsevier**).
- 4) **Akpomie K. G**, Dawodu F. A. (2015). Montmorillonite-rice husk composite for heavy metal sequestration from binary aqua media: a novel adsorbent. *Transactions of the Royal Society of South Africa*. 70(1): 83 – 88 (**Taylor and Francis**).
- 5) **Akpomie K. G**, Dawodu F. A. (2014). Treatment of an automobile effluent from heavy metals contamination by an eco-friendly montmorillonite. *Journal of Advanced Research*. 6: 1003 – 1013 (**Elsevier**).
- 6) **Akpomie K. G**, Dawodu F. A. (2015). Physicochemical analysis of automobile effluent before and after treatment with an alkaline-activated montmorillonite. *Journal of Taibah University for Science*.9: 465 – 476 (**Elsevier**).
- 7) Agbo S. C, Ekpunobi E. U, Onu C. C, **Akpomie K. G**. (2015). Development of ceramic filter candle from nsu (kaolinite clay) for household water treatment. *International Journal of Multidisciplinary Science and Engineering*. 6(10): 18 – 23.
- 8) **Akpomie K. G**, Dawodu F. A. (2014). Efficient abstraction of nickel (II) and manganese (II) ions from solution unto an alkaline-modified montmorillonite. *Journal of Taibah University for Science*.8: 343 – 356 (**Elsevier**).
- 9) Dawodu F. A, **Akpomie K. G**. (2014). Simultaneous adsorption of Ni (II) and Mn (II) ions from aqueous solution unto a Nigerian kaolinite clay. *Journal of Materials Research and Technology*. 3(2): 129 – 141 (**Elsevier**).
- 10) Dawodu F. A, **Akpomie K. G**. (2014). Kinetic, equilibrium and thermodynamic studies on the adsorption of cadmium (II) ions using aloji kaolinite mineral. *Pacific Journal of Science and Technology*. 15(1): 268 – 276.

- 11) Abuh M. A, Abia-Bassey N, Udeinya T. C, Nwannewuihe H. U, Abong A. A, **Akpomie K. G.** (2014). Industrial potentials of adiabo clay in calabar municipal of cross river state, south-south Nigeria. *Pacific Journal of Science and Technology*. 15(1): 63 – 75.
- 12) Dawodu F. A, **Akpomie K. G.** (2014). Abstraction of zinc (II) ions vrom solution unto a Nigerian bentonite. *Pacific Journal of Science and Technology*. 15(1): 257 – 267.
- 13) Abuh M. A, **Akpomie K. G.**, Nwagbara N. K, Abia-Bassey N, Ape D. I, Ayabie B. U. (2013). Kinetic rate equation application on the removal of copper (II) and zinc (II) by unmodified lignocellulosic fibrous layer of palm tree trunk: single component system studies. *International Journal of Basic and Applied Sciences*. 1(4): 800 – 809.
- 14) Dawodu F. A, **Akpomie K. G.** (2013). Sorption potential of Nigerian montmorillonite clay for lead (II) ions from a single component solution, equilibrium, kinetic and thermodynamics. *Pacific Journal of Science and Technology*. 14(2): 300 – 309.
- 15) **Akpomie K. G.**, Abuh M. A, Obi N. D, Nwafor E. C, Ekere P. O, Onyia I. M. (2013). Modelling on the equilibrium, kinetic and thermodynamics of zinc (II) ions removal from solution by aloji kaolinite clay. *International Journal of Basic and Applied Science*. 2(1): 173 – 185.
- 16) Abuh M. A, **Akpomie K. G.**, Nwagbara N. K, Nwafor E. C. (2013). Equilibrium isotherm studies for the biosorption of Cu (II) and Zn (II) from aqueous solution by unmodified lignocellulosic fibrous layer of palm tree trunk: single component system. *International Journal of Engineering Science Invention*. 2(6): 27 – 35.
- 17) Dawodu F. A, **Akpomie K. G.**, Ogbu I. C. (2012). Application of kinetic rate equations on the removal of copper (II) ions by adsorption unto aloji kaolinite clay mineral. *International Journal of Multidisciplinary Science and Engineering*. 3(1): 21 – 26.
- 18) Dawodu F. A, **Akpomie K. G.**, Abuh M. A. (2012). Batch sorption of lead (II) from aqueous stream by ekulu clay: equilibrium, kinetic and thermodynamic studies. *International Journal of Multidisciplinary Science and Engineering*. 3(10): 32 – 37.
- 19) Dawodu F. A, **Akpomie K. G.**, Abuh M. A. (2012). Equilibrium isotherm studies on the batch sorption of copper (II) ions from aqueous solution unto nsu clay. *International Journal of Scientific and Engineering Research*. 3(12): 1 – 7.
- 20) Dawodu F. A, **Akpomie K. G.**, Ejikeme P. C. N. (2012). Equilibrium, thermodynamic and kinetic studies on the adsorption of lead (II) from solution by agbani clay. *Research Journal of Engineering Science*. 1(6): 9 – 17.

- 21) Dawodu F. A, **Akpomie K. G**, Ogbu I. C. (2012). Isotherm modelling on the equilibrium sorption of cadmium (II) from solution by agbani clay. *International Journal of Multidisciplinary Science and Engineering*. 3(9): 9 – 14.
- 22) **Akpomie K. G**, Abuh M. A, Ogbu I. C, Agulanna A. C, Ekpe I. O. (2012). Adsorption of Cd (II) from solution by nsu clay: kinetic and thermodynamic studies. *Journal of Emerging Trends in Engineering and Applied Sciences*. 3(2): 254 – 258.
- 23) Dawodu F. A, **Akpomie K. G**, Ogbu I. C. (2012). The removal of cadmium (II) ions from aqueous solution by the use of afuze bentonite: equilibrium, kinetic and thermodynamic studies. *International Journal of Engineering and Scientific Research*. 3(12): 1 – 8.
- 24) Dawodu F. A, **Akpomie K. G**, Ejikeme M. E, Ejikeme P. C. N. (2012). The use of ugwuoba clay as an adsorbent for zinc (II) ions from solution. *International Journal of Multidisciplinary Science and Engineering*. 3(8): 13 – 18.
- 25) **Akpomie K. G**, Ejalonibu M. E, Egbo P. I. (2012). Adsorption of Cd (II) ions from aqueous solution on ehandiagu clay. *Journal of Science and Technology Research*. 11(3): 44 – 49.
- 26) **Akpomie K. G**, Ogbu I. C, Osunkunle A. A, Abuh M. A, Abonyi M. N. (2012). Equilibrium isotherm studies on the sorption of Pb (II) from solution by ehandiagu clay. *Journal of Emerging Trend in Engineering and Applied Sciences*. 3(2): 354 – 358.
- 27) **Akpomie K. G**, Ekpe I. O, Abuh M. A, Osunkunle A.A, Nwagbara N. K. (2012). Batch isotherm studies of lead (II) removal from solution on nsu clay. 35th Annual International conference workshop and exhibition of the Chemical Society of Nigeria, 17th – 21st September 2012 (**Conference Paper**).

EXTRA CURRICULAR ACTIVITIES

Reading, Singing, Meeting people, watching movies and playing chess

REFEREES:

PROF. F. A. DAWODU

Department of Chemistry,
University of Ibadan, Ibadan, Oyo State.
08037825921

PROF. D. A. DASHAK

Department of Chemistry,
University of Jos.
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