**ACHIEVERS UNIVERSITY, OWO**

**CURRICULUM VITAE**

**A. PERSONAL DATA**

1. **Full Names:** LAWAL John Augustine
2. **Date of Birth:** 8th March 1980
3. **Contact Address:**

**(a) Physical Address** Beside Alayemesan Saw-mill, Ilale-Keji, Owo, Ondo State

**(b) Email Address(s):** lawal.ja@achievers.edu.ng

 **(c) Mobile Phone Number:** 08030681269

1. **Nationality:** Nigerian
2. **State of Origin:** Kogi
3. **Senatorial District:** Kogi Central
4. **Local Government Area** Okehi
5. **Permanent Home Address:** 106, Central Street, Okaito, Okehi LGA, Kogi State
6. **Marital Status:** Married
7. **Number of Children and their Ages:** Three; ages 6, 9 and 11
8. **Next of Kin:** Sadiq Elizabeth
9. **Contact Address of Next of Kin:** Beside Alayemesan Saw-mill, Ilale-Keji, Owo, Ondo State

**(a) Email Address:** ogivanscake@gmail.com

**(b) Mobile Phone Number:** 07037671994

1. **Rank/Status on First Appointment:** Lecturer II
2. **Present Status:** Lecturer II
3. **Date of Last Promotion: -**
4. **Present Salary, Grade Level and Step:** AUTSS 3 Step 3
5. **College/Faculty:** College of Natural & Applied Sciences (CONAS)
6. **Department/Unit:** Chemical Sciences/Industrial Chemistry

**B. EDUCATIONAL BACKGROUND:**

**1. Higher Educational Institutions Attended with Dates:**

1. University of Ilorin, Kwara State 2014 – 2021
2. University of Ilorin, Kwara State 2007 – 2010
3. University of Ilorin, Kwara State 2001 – 2004

**2. Academic and Professional Qualifications and Distinctions Obtained with Dates:**

1. Ph.D. Chemistry 2021
2. M.Sc. Industrial Chemistry 2010
3. B.Sc. Industrial Chemistry (Second Class: Honours Upper Division) 2004

**Academic Links**

ResearchGate: <https://www.researchgate.net/profile/John-Lawal-4>

Google Scholar: <https://scholar.google.com/citations?user=OvhBEHYAAAAJ&hl=en>

Orcid ID: <https://orcid.org/0000-0001-9433-3188>

**C. WORK EXPERIENCES WITH DATES:**

1. **Work Experience within Achievers University** December 2021 to date

 Department of Chemical Sciences (Industrial Chemistry)

 Academic Rank: Lecturer II

1. Courses Taught in the Previous and Current Academic Session:

|  |  |  |
| --- | --- | --- |
|  | Course Code | Title |
| Undergraduate | ICH 101 | Principles & Practice of Industrial Chemistry |
|  | CHM 203 | Introduction to Chemistry |
|  | CHM 216 | Analytical Chemistry I |
|  | CHM 302 | Process Science |
|  | CHM 303 | Analytical Chemistry II |
|  | CHM 305 | Structure and Bonding |
|  | ICH 313 | Industrial Chemistry Laboratory |
|  | ICH 403 | Polymer Chemistry I |
|  | CHM 420 | Polymer Chemistry II |
|  | CHM 406 | Surface Chemistry and Electrochemistry |
|  | ICH 408 | Organic Synthesis |
| Postgraduate | ICH 705 | Chemical Technology I |
|  | ICH 706 | Chemical Technology II |
|  | ICH 709 | Physical Chemistry |
|  | ICH 805 | Unit Operations |
|  | ICH 806 | Heterogeneous and Homogeneous catalysis |
|  | CHM 805 | Physical Chemistry of Polymers |
|  | CHM 806 | Water Analysis |

1. **Project and Research Supervision:**

 **Postgraduate**

1. Main Supervisor (M.Sc.): Awoniyi R. Rufus. Synthesis of alumina catalyst from Ijero-Ekiti kaolinite clay, Nigeria. 2022-2023 Academic Session.
2. Main Supervisor (PGD): Akin-Johnson A. Elizabeth. Quality assessment of local red wines as compared with foreign red wines. 2022-2023 Academic Session.
3. Main Supervisor (PGD): Akinwumi Oluwatobi. Epoxidation of castor oil with Ag-doped γ-alumina catalyst: Process optimization using Response Surface Methodology. 2023-2024 Academic Session.

**Undergraduate (Main supervisor)** 2023-2024 Academic Session

 Supervised five undergraduate students: Synthesis of gamma alumina catalyst for epoxidation of castor oil: Optimization using Response Surface Methodology designed with Design-Expert software.

**2. Work Experience in other Universities**

1. Department of Chemistry, University of Ilorin, Ilorin, Nigeria 2015 – 2019

 Research Assistant:

 Mentored and tutored undergraduate and postgraduate students on laboratory techniques.

 Conduct one-on-one tutoring sessions with undergraduate students needing additional assistance.

1. **Previous Work Experience outside the University System**
2. Chemistry Teacher: Ebira Muslim Community College Okengwe 2009 - 2021

 Okene LGA Kogi State, Nigeria

1. Chemistry Teacher (NYSC) 2005 - 2006

 Government Secondary School Wamakko, Sokoto State, Nigeria

 Position held: Corpers Liasion Officer (CLO) - Wamakko LGA

**D. MEMBERSHIP OF PROFESSIONAL BODIES**

 Science Association of Nigeria (SAN)

**E. LIST OF PUBLICATIONS**

1. **Lawal, J. A.,** Sanni, I. and Jimoh, I. (2025). Physicochemical analysis of stormwater runoff from a cement manufacturing plant in Nigeria. *Journal of Chemical Society of Nigeria*, 50(2), 303-309. http://dx.doi.org/10.46602/jcsn.v50i2.1055
2. Majabi, G. O., Gimba, C. E., Aremu, M. O., Yahaya, M. K. and **Lawal, J. A.** (2025).Assessment of the Chemical Parameters and Heavy Metal Contamination of Soil in Selected Locations in Okene Town, Kogi State, Nigeria. *ChemClass Journal,* 9(1) 41-54. https://doi.org/10.33003/chemclas\_2025\_0901/04
3. **Lawal, J. A.,** Odebunmi, E. O. and Adekola, F. A. (2024) Water quality assessment of steel dishware enameling effluent treatment plant, Lagos, Nigeria. *South African Journal of Chemistry*, 78, 315 – 326. https://doi.org/10.17159/0379-4350/2024/v78a40
4. **Lawal, J. A.**, Olaremu, A. G., Odeyemi, O. T., Omeiza, F. S. and Sanni, I. (2024). Competitive adsorption of Fe2+, Pb2+, and Zn2+ ions from multi-metal ion solution on ammonium oxalate modified kaolinite clay. *Journal of Chemical Society of Nigeria*, 49(4), 518-527. https://doi.org/10.46602/jcsn.v49i3.991
5. Odeyemi, O. T., **Lawal, J. A.** and Olaremu, A. G. (2024). Comparative reactivity of triphenylmethane, anthraquinone and nitro dyes towards degradation using titania photocatalyst. *South African Journal of Chemistry*, 78, 209 - 217. https://doi.org/10.17159/0379-4350/2024/v78a27
6. **Lawal, J. A.,** Odebunmi, E. O. and Adekola, F. A. (2023). Removal of heavy metals from aqueous solutions by adsorption using natural and ammonium carbonate modified kaolinite clays. *South African Journal of Chemistry*, 77, 61 – 73. https://doi.org/10.17159/0379-4350/2023/v77a09
7. Omeiza, F. S., Adebayo, M. A., **Lawal, J. A.** and Atanu, O. (2023). Analysis and spatial distribution of heavy metals in dumpsites of Okene metropolis, Kogi State, Nigeria. *Nigerian Research Journal of Chemical Sciences*, 11(2), 326-341.
8. **Lawal, J. A.,** Anuan, T. E., Omeiza F. S. and Sanni, I. (2023). Characterization and potential ceramic applications of kaolinite clay from Okelele, Ilorin, Kwara State, Nigeria. *Achievers Journal of Scientific Research*, 5(1), 10 - 18.
9. **Lawal, J. A.** and Anaun T. E. (2022). An Overview of characterization and treatment methods of wastewater from iron and steel industries. *Achievers Journal of Scientific Research*, 4(1), 152 - 163
10. **Lawal, J. A**., Odeyemi, O. T., Anaun T. E. and Omotehinwa, F. H. (2022). Characterization and Potential Industrial Applications of Kaolinite from Argungu, Kebbi State, Nigeria. *International Journal of Scientific and Engineering Research*, 13(4), 776 - 790
11. **Lawal, J. A.,** Odebunmi, E. O. and Adekola, F. A. (2020). Adsorption of Fe2+, Pb2+, Zn2+ and Cr6+ Ions from Aqueous Solutions using natural, ammonium oxalate and sodium hydroxide modified kaolinite clay. *Ife Journal of Science*, 22(3), 1 - 23. https://dx.doi.org/10.4314/ijs.v22i3.1
12. **Lawal, J. A.,** Odebunmi, E. O. and Adekola, F. A. (2020). Adsorption of Heavy Metals from Steel Processing Effluent on Sodium Hydroxide Modified Nigerian Kaolinite. *ChemSearch Journal*, 11(1), 35 - 43. <http://www.ajol.info/index.php/cs>
13. **Lawal, J. A.,** Odebunmi, E. O. and Adekola, F. A. (2020). Physicochemical Analysis and Heavy Metal Content of Effluent Discharge from a Steel Processing Plant in Ilorin, Kwara State, Nigeria. *Centrepoint Journal (Science Edition)*, 26(1), 67-78.  https://dx.doi.org/[10.13140/RG.2.2.19268.50564](http://dx.doi.org/10.13140/RG.2.2.19268.50564)
14. Alafara, A. B., Adekola, F. A. and **Lawal, A. J.** (2007). Investigation of chemical and microbial leaching of a Nigerian iron ore in sulphuric acid. *Journal of Applied Science and Environmental Management*, 11(1), 39 - 45. <https://dx.doi.org/10.4314/jasem.v11i1.46831>

**F. CONFERENCES, SEMINARS AND WORKSHOPS ATTENDED UP TO DATE**

1. Innovative strategies and novel research in science and technology: A transformation towards sustainable economies and societies. College of Natural and Applied Sciences Conference 2023, Achievers University, Owo, Nigeria, 6th – 8th June 2023.
2. AUO training/workshop for level advisors - Building bridges with advising: student-centred approach. Achievers University. 5 – 6th May 2023.
3. Computational modelling approach in scientific research and drug design. Department of Chemical Sciences, Achievers University, Owo, Ondo State, 12 – 14th April 2023.
4. Perspective of science in mitigation of climate change and security challenges. 53rd Annual Conference of Science Association of Nigeria, Usmanu Danfodiyo University, Sokoto State, 14-18th July 2019.
5. Challenges of implementing economic diversification: The role of engineering materials and solid minerals development. 16th Annual International Conference, Materials Science and Technology Society of Nigeria (MSN). University of Benin, Benin City, Edo State, 7th-10th November 2017.
6. Sustainable chemistry: Industrialists and gown relationship improvement for research excellence. American Chemical Society (ACS) Nigerian Chapter symposium. University of Ilorin, Kwara State, 19th-22nd March 2017.
7. X-ray Diffraction in structural elucidation (principle & practice). University of Ilorin, Ilorin, Kwara State, 20th-21st January 2009.
8. Science: The key to renewable energy, green environment, empowerment and sustainable development. 51st Annual Conference, Science Association of Nigeria (SAN). Covenant University Ota, Ogun State, 9th-13th July 2017.
9. Sustainable chemistry: Industrialists and gown relationship improvement for research excellence. American Chemical Society (ACS) Nigerian Chapter symposium. University of Ilorin, Kwara State, 19th-22nd March 2017.
10. X-ray Diffraction in structural elucidation (principle & practice). University of Ilorin, Ilorin, Kwara State, 20th-21st January 2009.

**G. CURRENT RESEARCH ACTIVITIES**

1. Adsorption for remediation of heavy metal-laden industrial wastewater.
2. Photocatalysis for remediation of industrial wastewater.
3. Clay mineral catalysis.
4. Synthesis of heterogenous catalysts for epoxidation of oleochemicals and organic transformations.

**H. SOME OTHER RELEVANT INFORMATION**

**(1) Services within the Department**

1. Teaching and research.
2. Chairman, Guidance and Counselling Committee.
3. Internal examiner, Master of Science Dissertation 2022.
4. Member, 30% additional courses to CCMAS curriculum committee for Industrial Chemistry programme.
5. Member, Programme accreditation planning committee, 2023.
6. Level advisor, 200 level Industrial Chemistry.
7. Member, Postgraduate committee.

**(2) Service within the College (CONAS)**

1. Member, organizing committee, Achievers University College of Natural and Applied Science 2023 conference.
2. Chairman, Admission Drive Committee, Achievers University College of Natural and Applied Science 2023.

**(3) Services within Achievers University**

1. Member, Achievers University ICT committee, 2023.
2. Member, Achievers University Summit on agricultural development and food security committee, 2023.

**I. COMPUTER SKILLS:**

 MS Office, OriginPro, Design-Expert software, DataWarrior, Maestro 11, Chimera and Spartan 10.

**REFEREES**

1. **Prof. F. A. Adekola**

 Department of Industrial Chemistry

 University of Ilorin, Kwara State.

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1. **Prof. S. O. Owalude**

 Department of Chemistry

 University of Ilorin, Kwara State, Nigeria.

 owalude@unilorin.edu.ng

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1. **Dr. O. Atolani**

 Department of Chemistry

 University of Ilorin, Kwara State.

 atolani.o@unilorin.edu.ng

 Tel: 08034467136

**Signature and Date**