

ABRIDGE CURRICULUM VITAE

A. PERSONAL DATA

1. **Names in full (Surname first):** Prof. AKINYELE Joseph Olawale
2. **Affiliation:** Federal University of Agriculture, Abeokuta.
3. **Residence Address:** 4, Eyo Close, University of Ibadan.
4. **Email:** akinvelejo@funaab.edu.ng
5. **Phone (Mobile):** +234 08033 847 307
6. **Nationality:** Nigerian
7. **Gender:** Male
8. **Current Position:** Professor
9. **Specialisation:** Structural Engineering

B. ACADEMIC AND PROFESSIONAL QUALIFICATIONS

i. Academic Qualifications

Name of Institution	Degree Obtained	Year
University of Ibadan	PhD. Civil Engineering (Structures).	<u>2012</u>
University of Ibadan, Ibadan	M.Sc Civil Engineering	<u>2005</u>
University of Ibadan, Ibadan	B.Sc Civil Engineering	<u>2000</u>

ii. Membership of Professional Bodies

Name of Professional Body	Status	Year
Council for the Regulation of Engineering in Nigeria (COREN).	Registered Engr.	<u>2005</u>
Nigerian Society of Engineers	Corporate Member	<u>2004</u>
Nigerian Institution of Civil Engineering	Member	<u>2021</u>
Society of Cement and Concrete Researchers in Nigeria (SCCRN)	Member	<u>2024</u>
International Association of Bridge and Structural Engineering, Switzerland, (IABSE).	Member	<u>2018</u>
International Union of Laboratories and expert in Construction Materials, Systems and Structures, France (RILEM).	Senior Member	<u>2023</u>

C. WORK EXPERIENCE

Academic Appointments

- (i) Department of Civil Engineering, Federal University of Agriculture, Abeokuta. September 2007- date
- (ii) Visiting Lecturer, Department of Civil Engineering, University of Ibadan. Nigeria. 2018- 2021, 2025-date.
- (iii) External Examiner, (Undergraduate & Postgraduate) Department of Civil Engineering, Covenant University, Otta, Nigeria. 2020 – 2022.
- (iv) External Examiner, (Postgraduate) Department of Civil and Environmental Engineering, University of Lagos. (2023, 2025).

Professional Experience

- (i) Structural Engineer, Business Contracting Limited, (BCL) Apapa, Lagos. 2006-2007
- (ii) Project Engineer, Concrete Structures Limited, Ibadan. 2004-2005
- (iii) Project Engineer, Quadriga Limited, Ibadan. 2002- 2003
- (iv) Resident Engineer, Aqua Project Nigeria Limited, Ibadan. 2001- 2002
- (v) N.Y.S. C. Department of Works, Charanchi Local Government Secretariat, Katsina State. 2000- 2001

Recent Professional projects handled

- (i). Structural Engineer/Team lead: Akure Water Distribution Network Project, Sponsored by the African Development Bank. AfDB. (2024-2025).
- (ii). Structural Engineer (Team Member): Lagos State Agro-Processing, Productivity Enhancement and Livelihood Improvement Support Project (APPEALS), Sponsored by the World Bank. (2022-2023).

- (iii). Structural Engineer: The Design and Construction of the Federal University of Agriculture, Abeokuta (FUNAAB) Earth Dam at Mawuko, Abeokuta. (2022).
- (iv). Structural Engineer: The College of Engineering Building Complex, Federal University of Agriculture, Abeokuta. (2014-2019).

D. PUBLICATIONS RELEVANT TO CONCRETE AND CEMENT RESEARCH

i. Provide the number of publications to date:

- a) Journal articles (47)
- b) Peer Reviewed Conference articles (8)
- c) Other articles read in a conference (1)
- d) Lectures/Seminars (The 107th Inaugural lecture of Funaab) (1)
- e) Book Chapters Contribution (8)

ii. Provide the list of articles published in the last three years indicating author's name, date, title and name of the journal as well as DOI of the article (if any)

- (a). Igba U.T., Oyebisis S., **Akinyele J.O.**, Alayaki F.M and Odunfa S.O. (2026). Bond Behaviour of Reinforced Concrete Exposed to Lagoon Water under Aggressive Saline Conditions. *Scientific Report*. <https://doi.org/10.1038/s41598-026-68461-2>
- (b). **Akinyele J.O.**, Ewetade A.O., Odunfa S.O. & Idowu M.A. (2025). The Use Geopolymer Concrete in place of Cement based Concrete in Coastal Infrastructures. *International Journal of Engineering Research in Africa*. Trans Tech Publishing, Switzerland. (76) 153-167. <http://www.scientific.net>.
- (c). Adetiloye A., **Akinyele J.O.**, Babafemi A.J (2025). The Rheology and Microstructural Properties of Gum Arabic Concrete. *Nigerian Journal of Engineering and Environmental Sciences* 10 (1), 92-105. Published by University of Benin, Nigeria. www.rjees.com
- (d). Adetiloye A, **Akinyele J.O.**, Adeoye O.W., Labiran J.O. (2024) Influence of rubber crumbs on the structural efficiency of concrete made from ceramic tile aggregates. *Arid Zone journal of Engineering, Technology and Environment*. 20(2):555-562 Published by the Faculty of Engineering, University of Maiduguri, Maiduguri, Nigeria. www.azojete.com.ng
- (e). Anibaba A.D., Adekunle N.O., Anyanwu B.C., **Akinyele J.O.** (2024) Investigation of the potentials of Sisal-Palm Composites as materials of asbestos free brake pad. *Computational and Experimental Research in Materials and Renewable Energy*. 7 (1). 39 – 48.
- (f). Alabi A.A., Agboola A.E., **Akinyele J.O.** Makinde V. (2023). Non-destructive assessment of concrete quality produced with river sand and drainage sand as fine aggregate. *International Journal of Advanced design and manufacturing Technology*. 16(4) 49-59. <https://doi.org/10.30486/admt.2024.1958234.1370>
- (g). Uzosike A.O, Ofudje E.A, Adeogun A.I, **Akinyele J.O**, Idowu M.A. (2022). Comparative analysis of bisphenol-A removal efficiency from water: equilibrium, kinetics, thermodynamics and optimization evaluation. *Journal of the Iranian Chemical Society*. Springer. <https://doi.org/10.1007/s13738-022-02628-2>
- (h). Uzosike A.O, Ofudje E.A, Akiode O.K, Ikenna C.V, Adeogun A.I, **Akinyele J.O**, Idowu M.A. (2022). Magnetic supported activated carbon obtained from walnut shells for bisphenol-a uptake from aqueous solution. *Applied Water Science*. 12 (201) 1-16. Springer. <https://doi.org/10.1007/s13201-022-01724-1>

iii. Provide the list of articles published in peer reviewed conference proceedings in the last three years indicating author's name, title and name of the conference and date

- (a). **Akinyele J.O.**, Labiran J.O, Igba U.T., Ewetade A.O. (2026) The Resilience of Cement-based concrete and geopolymer concrete exposed to seawater over a period of 12 months. *The 17th International Conference on the Durability of Building Materials and Components. DBM2026. 20-24 July. University of Montreal, Canada.*

(b). **Akinyele J.O.** and Ewetade A.O (2025) Numerical Simulations of the Structural Properties of Geopolymer Concrete Cured in an Aggressive Environment. *5th International RILEM Conference on Numerical Modeling Strategies for Sustainable Concrete Structures, SSCS2025. July 7-9. Delft University of Technology, Rotterdam, The Netherlands.*

iv. Provide the list of book chapter contributions in the last three years indicating author's name, title and publisher as well as date

(a) **Akinyele J.O.**, Igba U.T., Labiran J.O. (2024). "Durability problem of reinforced concrete structures on the Lagos Lagoon in Nigeria." **Smart & Sustainable Infrastructure: Building a greener tomorrow.** Pp.629-640. (Eds.). N. Banthia, S. Soleimani-Dashtaki, S. Mindes. Published by Springer.
https://doi.org/10.1007/978-3031-53389-1_57

(b). Igba, U.T., **Akinyele, J.O.**, Adetiloye, A., Labiran J.O. (2022). "The continuous spalling of reinforced concrete structures of the three bridges on the Lagos lagoon in Nigeria." **Current Perspectives and new dimensions in Mechanics, Modelling and Design of Structural Systems.**, pp 1271 – 1276. (Ed). Alphonse Zingoni. Published by (CRC press) Taylor and Francis Group, London United kingdom. ISBN 978-1-003-34844-3.

(c). Labiran J.O., Igba U.T., Ezea B.U., **Akinyele J.O.** (2022). "Fire performance of metakaolin concrete and mortar blends using Nigerian kaolinite clays," **Current Perspectives and new dimensions in Mechanics, Modelling and Design of Structural Systems.**, pp 1621 – 1625. (Ed). Alphonse Zingoni. Published by (CRC press) Taylor and Francis Group, London United kingdom. ISBN 978-1-003-34844-3.

F. DATABASES/LINKS

ORCID: <https://orcid.org/0000-0003-4287-0082>

RESEARCHGATE: Akinyele Olawale @ Researchgate.net

SCOPUS: Akinyele J.O @ scopus

GOOGLE SCHOLAR: Joseph Olawale Akinyele @ Google scholar

LINKEDIN: Olawale Akinyele @linkedin

G. RESEARCH INTEREST

- a) Geopolymer concrete
- b) LC³ cement concrete
- c) The use of recycled wastes in concrete
- d) Structural mechanics