

CURRICULUM VITAE

A. GENERAL INFORMATION

1. **Name:** ADEYEMO Kazeem Adekunle
2. **Date and Place of Birth:** 23rd February 1988, Kano State
3. **Marital Status:** Married
4. **Name and Age of Children:** Adeyemo, Khadija Adeola (6 years);
Adeyemo, Abdullah Adedayo (4 years)
Adeyemo, Al-Ameen Adefemi (3 years)
5. **Name and Relationship of Next of Kin:** SALAUDEEN Olajide Musa
(Younger brother)
6. **Permanent Contact Address:** No. 24 Fiwasaye Street off Ona-Baba-Ona,
Osogbo, Osun State.
7. **E-mail Address:** kazeem.adeyemo@uniosun.edu.ng
adeyemokazeem59@gmail.com
8. **Registration with Research Gate:** Yes
9. **If Yes, Provide the Link:** <https://www.researchgate.net/profile/Kazeem-Adeyemo-2>
10. **If No, Why:** Link provided
11. **Registration with Google Scholar:** Yes
12. **If Yes, Provide the Link:** https://scholar.google.com/citations?view_op=list_works&hl=id&user=x2_4RLMAAAAJ
13. **If No, Why:** Link provided
14. **Cell Phone Number:** +2348067545179, +2347052985092
15. **College/Faculty/Unit:** College of SET/Faculty of Engineering
16. **Department:** Department of Civil Engineering
17. **Position on First Appointment with the University:** Graduate Assistant
18. **Present Position and Salary:** Lecturer I (CONUASS 4, Step 3)
19. **Date of Present Position (Promotion/Re-grading):** 1st October, 2024
20. **Is Your Appointment Confirmed?** YES
21. **If No, Why Not?** N/A
22. **Date of Confirmation of Appointment:** April 2, 2026

B. EDUCATION BACKGROUND

1. Higher Institutions Attended with Date:

Osun State University, Osogbo	2020-2025
Bayero University Kano, Kano State	2016-2020
Osun State University, Osogbo	2009-2015

2. Academic and Professional Qualifications with Date and Issuing Authority:

Doctor of Philosophy in Civil Engineering Osun State University, Osogbo (Distinction)	2025
Master of Engineering in Civil Engineering Bayero University Kano, Kano State (Distinction/PhD Grade)	2020
Bachelor of Engineering in Civil Engineering Osun State University, Osogbo (First Class Honours)	2015

3. Other Related Qualifications:

Nil

4. Honours, Awards and Distinctions:

Best Engineering Graduating Student from State Universities in Nigeria (CODET-NCC AWARD)	2014/2015
Overall Best Student Award, Osun State University	2013/2014
Best Student Award, College of SET, Faculty of Engineering and Environmental Sciences	2013/2014
Best Student Award, Department of Civil Engineering	2013/2014
Award of University Scholarship	2013/2014
Award of University Scholarship	2010/2011

5. Research Fellowship with Date:

Nil

C. WORK EXPERIENCE OUTSIDE THE UNIVERSITY SYSTEM

Government Senior Secondary School, Birnin Gwari, Kaduna State, (NYSC)	2015
Student Engineer at SAMMYA Nigeria Limited, (SIWES)	2013
Student Work Experience Program (SWEP) at Industrial Development Centre, Osogbo	2011

D. WORK EXPERIENCE IN OTHER UNIVERSITIES

Nil

E. WORK EXPERIENCE IN OSUN STATE UNIVERSITY

Lecturer I, Department of Civil Engineering	2024 to date
Lecturer II, Department of Civil Engineering	2021 to 2024

Assistant Lecturer, Department of Civil Engineering	2020 - 2021
Graduate Assistant, Department of Civil Engineering	2017 - 2020
Student Work Experience Program (SWEP), Osun State University, Osogbo	2012

F. MEMBERSHIP OF PROFESSIONAL BODY

Graduate member, Nigeria Society of Engineers (NSE)	2018
Registered Member, Council for the Regulation of Engineering in Nigeria	2021

G. CO-CURRICULAR PROFESSIONAL EXPERIENCE

Nil

H. SERVICES:

i. Osun State University:

1. Examination Officer, Department of Civil Engineering	2026 to date
2. Examination Officer, Department of Civil Engineering	2022 to 2023
3. Desk-Officer, Uniosun Journal of Engineering and Environmental Sciences	2020 to date
4. Departmental Coordinator, Centre for Entrepreneurship Studies	2023 to date

ii. Community:

1. Free extra morale classes with secondary School Students in GSS Birnin Gwari, Kaduna State	2015/2016
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iii. National:

1. National Youth Services Corps (NYSC)	2015/2016
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I. COURSES TAUGHT DURING THE CURRENT SESSION

2025/2026 Session (Harmattan Semester)

Course Code/Title	Course Unit(s)	Percentage Involvement
CVE 305: Engineering Geology	3	100%
CVE 501: Student Project	3	100%
CVE 509: Geotechnical Engineering I	4	100%
CVE 703: Soil Properties	3	100%
CVE 707: Stability of Soil and Rock Slopes	2	100%
CVE 711: Theory and Measurement of Shear Strength and Deformation	3	100%

2025/2026 Session (Rain Semester)

Course Code/Title	Course Unit(s)	Percentage Involvement
CVE 306: Civil Engineering Materials	3	100%
CVE 502: Student Project	3	100%
CVE 702: Environmental Geotechnics	3	100%
CVE 708: Engineering Geology of Sediments	3	100%
CVE 710: Geosynthetics	3	100%
CVE 714: Rock Strength and Failure	3	100%

Current Undergraduate Supervision: 9 students

J. GRADUATE STUDIES SUPERVISION

i. Doctor of Philosophy Research:	Nil
ii. Master by Research:	2
iii. Master by Long Essay:	Nil

K. PUBLICATIONS

i. Thesis/Dissertation:

1. **Adeyemo, K. A.** (2025), "Effects of *Cytobacillus firmus* Suspension on The Hydraulic Barrier Performance of Soil Underlying Active Municipal Solid Waste Dumpsite" Ph. D. Thesis, Osun State University, Osogbo, Nigeria, (2025).
2. **Adeyemo, K. A.** (2019), "The use of Cassava Peel Ash Modified Black Cotton Soil as Material for Hydraulic Barriers in Municipal Solid Waste Containment Facility" M. Eng. Thesis, Bayero University, Kano, Nigeria, (2019).
3. **Adeyemo, K. A.** (2014), "Infiltration Characteristics of some Soil Type along River Omu, Osogbo" B. Eng. Thesis, Osun State University, Osogbo, Nigeria, (2014).

ii. Technical Reports: Nil

iii. Books (Authored/Co-Authored): Nil

iv. Books (Edited/Co-Edited): Nil

v. Monographs: Nil

vi. Chapter in Books: Nil

vii. Articles in Learned Journals:

1. Fadipe, O. O., Adewale, S. A., Okedere, O. B., Adesina, O. A., **Adeyemo, K. A.**, Kareem, M. A., and Saheed, O. R. (2026). Assessment of ambient polycyclic aromatic hydrocarbons in Egbedi dumpsite in Osogbo, Nigeria. *Discover Environment*, 4(369); 1-21. <https://doi.org/10.1007/s44274-026-00850-w>. [Publisher: Springer Nature]
2. Ishola, K., **Adeyemo, K. A.**, Kareem, M. A., Fadipe, O. O., and Awobifa, M. K. (2025). Application of Mango Leaf Waste Ash in the Compacted Lateritic Soil Pavement Construction. *Discover Civil Engineering*, 2(88); 1-14. <https://doi.org/10.1007/s44290-025-00245-5>. [Publisher: Springer Nature]

3. Ameen, I. O., Kareem, M. A., Ishola, K., Olawuyi, O. A., **Adeyemo, K. A.** and Bello, A. A. (2024). An appraisal of lateritic soil modified with lime and bamboo leaf ash as hydraulic barrier. *Discover Civil Engineering*, 1(132); 1-17. <https://doi.org/10.1007/s44290-024-00139-y>. [Publisher: Springer Nature]
4. **Adeyemo, K. A.**, and Bello A. A. (2024). Hydraulic Barrier Properties of Soil Beneath Egbedi Active Municipal Solid Waste Dumpsite. *Hybrid Advances*, 6 (2024) 100241; 1-12. <https://doi.org/10.1016/j.hybadv.2024.100241>. [Publisher: Elsevier B. V., Amsterdam, Netherlands]
5. Ishola, K., **Adeyemo, K. A.**, Kareem, M. A., Oriaje, A. T., Olawuyi, M. Y., and Ayanlere, S. A. (2024). Regression Analysis on California Bearing Ratio of Selected Soft Soils in Osun State for Pavement Construction. *LAUTECH Journal of Civil and Environmental Studies*, 12(1); 82-92. DOI: <https://doi.org/10.36108/laujoces/4202.21.0190>. [Publisher: Department of Civil and Environmental Studies, Ladoke Akintola University of Technology, Ogbomosol].
6. Ishola, K., **Adeyemo, K. A.**, Kareem, M. A. and Olawuyi, M. Y. (2024). Modelling and Evaluation of the Strength Properties of Oke-Bale Soft Soil Amended with Calcium Chloride Salt. *Malaysian Journal of Civil Engineering*, 36: 1 (2024) 23–31. DOI: <https://doi.org/10.11113/mjce.v36.21636>. [Publisher: Universiti Teknologi Malaysia, Faculty of Engineering]
7. Ishola, K., **Adeyemo, K. A.**, Kareem, M. A., Olawuyi, O. A., Yisa, G. L. and Ijimdiya, T. S. (2023). Compaction Characteristics and Workability of the Lateritic Soil-Iron ore Tailings in Pavement Construction. *Journal of Civil Engineering, Science and Technology* 14(2):117–128. DOI: <https://doi.org/10.33736/jcest.5337.2023>. [Publisher: Universiti Malaysia Sarawak, Sarawak, Faculty of Engineering]
8. Ishola, K., **Adeyemo, K. A.**, Kareem M. A., Fadipe, O. O., and Olawuyi, M. Y. (2023). Assessment of the Geotechnical Properties of Lateritic Soil in Some Selected Area at Owode Ede in Osun State. *University of Ibadan Journal of Civil Engineering and Technology*, 5(2): 10–17 [Publisher: Department of Civil Engineering, University of Ibadan, Nigeria]
9. Oriaje, A. T., Dahunsi, B. I. O. and **Adeyemo, K. A.** (2022). Development of Melted Expanded Polystyrene as Bitumen Modifier for Pavement Construction. *Journal of Engineering Studies and Research*, 28(4): 86–97. DOI: <https://doi.org/10.29081/jesr.v28i4.010>. [Publisher: Engineering Faculty, University of Bacau, Romania].
10. **Adeyemo, K. A.**, Yunusa, G. H., Ishola, K., Bello, A. A. and Adewale, S. A. (2022). Cassava Peel Ash Modified Black Cotton Soil as Material for Hydraulic Barriers in Municipal Solid Waste Containment Facility. *Journal of Cleaner Waste Systems*. 3(2022): 100045. DOI: <https://doi.org/10.1016/j.clwas.2022.100045>. [Publisher: Elsevier B. V., Amsterdam, Netherlands].
11. Ameen, I. O., Bello, A. A., Ishola, K. and **Adeyemo, K. A.** (2021). “Influence of admixture of Bamboo leaf ash and lime on the Compaction characteristics of

- lateritic soil.” *LAUTECH Journal of Civil and Environmental Studies*, 6(1): 116–127. DOI: <https://doi.org/10.36108/laujoces/1202.60.0180>. [Publisher: Department of Civil and Environmental Studies, Ladoke Akintola University of Technology, Ogbomosho].
12. Oriaje, A. T., Adeyemo, K. A. and Ojo, O. Y. (2021). “Stabilization of Lateritic Soil with Mahogany (Hardwood) Sawdust Ash.” *Uniosun Journal of Engineering and Environmental Sciences (UJEES)*, 3(1): 7–11. DOI: <https://doi.org/10.36108/ujees/1202.30.0120>. [Publisher: Faculties of Engineering and Environmental Sciences, Osun State University, Osogbo].
 13. Ishola, K., Adeyemo, K. A., and Ajayi O. G. (2020). “Assessment of UCS and CBR Characteristics of some Selected Lateritic Soils in Osun State Nigeria for Pavement Construction.” *University of Ibadan Journal of Civil Engineering and Technology*, 2(2): 16–24. [Publisher: Department of Civil Engineering, University of Ibadan].
 14. Fadipe, O. O., Thanni, M. O., Adeyemo, K. A., Akindele, O. O. and Tijani, B. K. (2020). “Assessment of Groundwater Quality in Osun State University Campus.” *University of Ibadan Journal of Civil Engineering and Technology*, 2(1): 7–15. [Publisher: Department of Civil Engineering, University of Ibadan].
 15. Adeyemo, K. A., Yunusa, G. H., and Bello, A. A. (2019), “Effect of Compactive Efforts on Hydraulic Conductivity of Black Cotton Soil Treated with Cassava Peel Ash.” *Uniosun Journal of Engineering and Environmental Sciences (UJEES)*, 1(1): 11–18. DOI: <https://doi.org/10.36108/ujees/9102.10.0120>. [Publisher: Faculties of Engineering and Environmental Sciences, Osun State University, Osogbo].

viii. Referred Conference Proceedings:

16. Adeyemo, K. A., Ishola, K., Bello, A. A., Oriaje, T. A. and Ameen, I. O. (2024), “Investigating the Hydraulic Barrier Properties of Compacted Lateritic Soil Treated with Sorghum Husk Ash” *Proceedings of the 2024 Third International Conference on Engineering and Environmental Sciences at Osun State University Osogbo, Nigeria: Innovative Technology for Resource Utilization and Environmental Sustainability*. 3: 261–271. Faculties of Engineering and Environmental Sciences, Osun State University.
17. Adeyemo, K. A., Ishola, K., Bello, A. A. and Adewale, S. A. (2021), “The Application of Green Technologies in Compacted Soils used for Municipal Waste Containment: A Review.” *Proceedings of the 2021 Second International Conference on Engineering and Environmental Sciences at Osun State University Osogbo, Nigeria: Re-thinking Engineering and Technology for Environmental Sustainability in the Face of Global Pandemic*. 2: 324–332. Faculties of Engineering and Environmental Sciences, Osun State University.
18. Adeyemo, K. A., Yunusa, G. H., Bello, A. A. and Muhammad, A. (2019), “Effect of Compactive Efforts on the Dessication-Induced Volumetric Shrinkage

of Black Cotton Soil Treated with Cassava Peel Ash.” *Proceedings of the 2019 First International Conference on Engineering and Environmental Sciences at Osun State University Osogbo, Nigeria: Challenges and Sustainable Solutions in Advancing Technology and Environmental Burdens*. 1: 512–522. **Faculties of Engineering and Environmental Sciences, Osun State University.**

L. CURRENT RESEARCH ACTIVITIES

Investigating the hydraulic barrier performance of soil underlying municipal solid waste dump site

M. CONFERENCES ATTENDED

- i. Third International Conference on Engineering and Environmental Sciences Organized by the Faculties of Engineering and Environmental Sciences, Osun State University between 25th – 28th November, 2024 at Osun State University Osogbo, Nigeria
- ii. Second International Conference on Engineering and Environmental Sciences Organized by the Faculties of Engineering and Environmental Sciences, Osun State University between 23rd – 25th November, 2021 at Osun State University Osogbo, Nigeria
- iii. First International Conference on Engineering and Environmental Sciences Organized by the Faculties of Engineering and Environmental Sciences, Osun State University between 5 – 7 November, 2019 at Osun State University Osogbo, Nigeria

N. EXTRA-CURRICULAR ACTIVITIES

Reading and playing football

O. ANY OTHER RELEVANT INFORMATION

Nil

P. SUMMARY OF CONTRIBUTION TO KNOWLEDGE

- i. Investigating the hydraulic barrier performance of soil underlying municipal solid waste dumpsite.
- iv. Conversion of agricultural waste (cassava peel) to modifier, for use in the treatment of weak soil.
- v. Infiltration data of some soil type along riverside with the aid of double ring infiltrometer.

ADEYEMO Kazeem Adekunle

Signature: 

Date: 12-08-2026