



CURRICULUM VITAE

ISRAEL KOLAWOLE ADESINA

B.Eng., M.Eng., HND (Agricultural Engineering), MNIAE

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ResearchGate |

Agricultural and Environmental Engineer with professional experience in teaching, laboratory management, engineering research, and technical support in higher education. Possesses practical expertise in agricultural engineering laboratories, environmental engineering, machine design, soil and water engineering, waste management, and engineering education. Experienced in supervising laboratory practicals, conducting engineering research, publishing in peer-reviewed journals, and supporting undergraduate training. Passionate about sustainable engineering solutions, environmental protection, and waste recycling technologies.

Education

M.Eng. Agricultural Engineering, Federal University of Agriculture, Abeokuta, Nigeria (2025)

B.Eng. Agricultural Engineering, Kwara State University, Malete, Nigeria (2020)

HND. Agricultural Engineering, Federal Polytechnic, Bauchi, Nigeria (2015)

Academic & Professional Experience.

Osun State University, Osogbo, Nigeria - Technologist II (Temporary) 2025 – Present

- Prepare laboratory equipment and materials for teaching and research.
- Maintain laboratory safety and engineering workshop facilities.
- Assist academic staff during examinations
- Manage laboratory consumables and equipment inventory.



- Support research activities within the Department of Agricultural Engineering.

Osun State University, Osogbo, Nigeria - Technologist (Support Staff) 2023 - 2025

- Provide technical support for undergraduate laboratory practicals.
- Prepare laboratory equipment and materials for teaching and research.
- Maintain laboratory safety and engineering workshop facilities.
- Assist academic staff during examinations
- Manage laboratory consumables and equipment inventory.
- Support research activities within the Department of Agricultural Engineering.

Federal Polytechnic, Ede, Nigeria - Part-Time Lecturer/Technologist 2019 - 2023

- Delivered lectures in Agricultural Engineering courses.
- Conducted practical classes and laboratory demonstrations.
- Assisted students in project development and research activities.
- Prepared lecture materials and assessed students.
- Supported departmental academic activities.

Research Expertise

- Waste-to-We conversion (Bricks)
- Environmental remediation and water/wastewater management
- Soil and water conservation engineering

Selected Publications (Recent & Relevant)

- Adebayo K.R., Adesina I.K. and Adeniji F.A (2022). Investigation of Water Qualities of Open Wells Located at Fuel Stations Within Ilorin Metropolitan Communities, Nigeria. Journal of Research in Forestry, Wildlife & Environment, 14(2): 31 – 38.
- Oyinloye O. D, Akande N.O, Adesina I. K, Akinroungboye B.M, Abdulkareem S.A, and Oyinloye F. F. (2022). Perceived Impact of Exclusive Breastfeeding on Job Performance Among Working-Class Nursing Mothers in General Hospital Ifako Ijaye, Lagos. International Journal of Sciences, Engineering & Environmental Technology (IJOSEET), 7(16): 146 - 153.
- Adedeji M.A., Adeboye T.A., Adesina I.K., Ajayi O.O., Azeez N.A (2021), Construction and Evaluation of a Vertical Motorized Feed Mixer. Advanced

Journal of Science, Technology and Engineering 1(1), 27 m-41. DOI: 10.5289/AJSTE-UIXXE0N2.

- M.A Adedeji, I.K. Adesina, F.A. Adeniji and A.O. Chikezie (2020) Open Shallow Wells Water Qualities Located Around Auto-mechanic Workshop in Some Ilorin Metropolitan Areas. London Journal of Engineering Research Volume 20 |Issue 3| Compilation 1.0,
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Professional Memberships

- Nigerian Institution of Agricultural Engineers (MNIAE)
 - Council for the Regulation of Engineering in Nigeria (COREN, Regd. Engineer)
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Key Skills

- Research Design & Project Management
- Environmental & Waste Management Engineering
- Academic Writing
- Student Supervision & Mentorship
- Conference Presentations