

CURRICULUM VITAE

A: GENERAL INFORMATION

1. **Name:** ABDUSALAM, Ibrahim Akinola
2. **Date and Place of Birth:** 15th July, 1992 / Ede, Osun State
3. **Gender:** Male
4. **Nationality:** Nigerian
5. **State of Origin:** Osun
6. **Local Government Area:** Ede South
7. **Marital Status:** Married
8. **Names and Ages of Children:** Abdulsalam Ni'mat Odunola (1),
9. **Name and Relationship of Next of Kin with Telephone number:** Abdulsalam Odunayo Adeola (wife) 07034390776
10. **Permanent Contact Address:** B12, Ayetoro Street, Awututu Area, Ede, Osun State.
11. **E-Mail Address:** ibrahim.abdulsalam@uniosun.edu.ng
ibroakin@gmail.com
12. **Registration with ResearchGate:** Yes
13. **If Yes, Provide the Link:** <https://www.researchgate.net/profile/Ibrahim-Abdulsalam-2>
14. **If No, Why?:** Not Applicable
15. **Registration with Google Scholar:** Yes
16. **If Yes, Provide the Link:** <https://scholar.google.com/citations?user=Ft9MxAMAAAJ&hl=en>
17. **If No, Why?:** Not Applicable
18. **Cell Phone Number:** 08065691739 / 08158042796
19. **College/Faculty/Unit:** SET/Engineering/Agricultural Engineering
20. **Department:** Agricultural Engineering
21. **Position on First Appointment with University:** Assistant Lecturer (Temporary)
22. **Present Position and Salary (Grade Level, Step):** Lecturer II/ CONUASS 3 step 2
23. **Date of Present Position (Promotion/Regrading):** 5th September, 2025
24. **Is your appointment confirmed?:** No
25. **If No, why not?:** Fresh Appointment
26. **Date of Confirmation of Appointment:** Nill

B EDUCATIONAL BACKGROUND

1. **Educational Institutions Attended (with dates):**
 - i. Ladoke Akintola University of Technology, Ogbomoso 2023-till date
 - ii. Ladoke Akintola University of Technology, Ogbomoso 2019-2023
 - iii. Ladoke Akintola University of Technology, Ogbomoso 2010-2016
 - iv. Agbonran School of Science, Ede 2005-2008
 - v. Adventist Grammar School, Ede 2002-2005
 - vi. L.A Primary School Obada, Ede 1996-2002

2. Academic and Professional Qualifications with Dates/Issuing Authority and Class of Degree/Grade Level must be included

Academic qualifications with dates

- i. Doctor of Philosophy (Ph.D.) Agricultural Engineering: In View
- ii. Master of Technology (M. Tech.) Agricultural Engineering (67.9% cumulative grade): September, 2023
- iii. Bachelor of Technology (B. Tech. Hons) Agricultural Engineering (Second Class Lower): November, 2015
- iv. National Examination Council Certificate: June, 2008

Professional Qualifications with Dates

- i. Registered Engineer (Council for the Regulation of Engineering in Nigeria) Registration Number: R80194 September, 2025
- ii. Corporate Member Nigerian Institute of Agricultural Engineers Registration Number: M2648 January, 2025

3. Others Relevant Qualifications: Nil

4. Honours, Awards and Distinctions: Nil

5. Research Fellowships with Dates: Nil

C. WORK EXPERIENCE OUTSIDE THE UNIVERSITY SYSTEM (including names and addresses of employers)

- i. God's Generals Academy, Ogbomosho 2020
Duties Performed: Teaching
- ii. Subject Teacher at Ilori International School, Ede, Osun State 2019
Duties Performed: Teaching.
- iii. Subject Teacher St. Peters Secondary School, Ofumbongha 4, Obubra, Cross Rive State 2018-2019
Duties Performed: Teaching
- iv. Osun State Agricultural Development Corporation (OSADEC) 2015-2018
Duties Performed: Graduate Engineer

D. WORK EXPERIENCE IN OTHER UNIVERSITIES (including names and addresses of employers):

- i. **Online Tutor** August, 2024 – till date
College of Agriculture, Food Science and Technology, Wesley University, Ondo (Lagos study centre).
- ii. **Teaching and Research Assistant** May, 2021 – December, 2024
Department of Agricultural Engineering, Ladoké Akintola University of Technology, Ogbomosho.

E. WORK EXPERIENCE IN OSUN STATE UNIVERSITY, OSOGBO

- i. Assistant Lecturer January 30, 2025 – September 4, 2025
- ii. Lecture II September 5, 2025 - till date

F. CO-CURRICULA PROFESSIONAL EXPERIENCE Nil

- G. MEMBERSHIP OF PROFESSIONAL BODIES** (with membership number)
- i. Corporate Member; Nigerian Institution of Agricultural Engineers (MNIAE),
Membership Number: M2648 January, 2025
- H. SERVICE**
- i. **Service to the University** Nil
- ii. **Service to Community:**
- a. Protocol/Finance Officer, The Statedmanship Forum, Man O' War 2021 – 2025
Nigeria, LAUTECH unit command
- b. Chief Training Officer (CTO), Man O' War Nigeria, LAUTECH 2015 - 2016
unit command
- ii. **Service to Nation:** Nil
- iii. **Service to International Communities:** Nil
- I. COURSES TAUGHT DURING THE CURRENT ACADEMIC SESSION** Nil
- Harmattan Semester**
- i. GET 209 - Engineering Mathematics I (2 Units)
- ii. ABE 301 - Workshop Practices (1 Unit)
- iii. ABE 407 - Design of Agricultural and Food Processing Machines I (3 units)
- iv. ABE 503 - Design of Agricultural and Food Processing Machines II (2 Unit)
- v. ABE 521 - Soil Traction, Land Clearing and Development (2 Units)
- Rain Semester**
- i. GET 210 - Engineering Mathematics II (2 Units)
- ii. ABE 306 - Agricultural Land Surveying (2 Units)
- iii. ABE 512 - Heat Transfer and Mass (2 Units)
- iv. ABE 518 - Mechanical Systems Analysis (2 Uints)
- v. ABE 520 - Automatic Control, Robotics and Mechs of deformed bodes (2 Units)
- vi. ABE 542 - Machine Production Design and Technology (2 Units)
- J. GRADUATE STUDIES SUPERVISION** Nil
- K. PUBLICATIONS**
- (i) **Books (authored/co-authored)** Nil
- (ii) **Books (edited/co-edited)** Nil
- (iii) **Monographs** Nil
- (iv) **Chapters in Books** Nil
- (v) **Articles in Learned journals:**
- 1) Jekayinfa, S. O., **Abdulsalam, I. A.**, Ola, F. A., Akande, F. B. and Orisaleye, J. I. (2023). Effect of binders and die geometry on quality of densities rice bran using a screw-type laboratory scale pelleting machine. *Energy Nexus*, 13, 2024, 100275. <https://doi.org/10.1016/j.nexus.2024.100275>. (Offshore)

- 2) Abegunrin, T. P., Adeoye, P. A., Fagbenro, O. K., **Abdulsalam, I. A.**, Akande, F. B. and Manta, I. H. (2023). Assessment of the Suitability of Water Sources in National Centre for Agricultural Mechanization (NCAM), Ilorin, Nigeria Farm for Potable and Irrigation Purposes. *Nigeria Journal of Engineering and Applied Sciences (NJEAS)*, 10(2): 1-7. **(Onshore)**
- 3) Manta, I. H., Abegunrin, T. P., Adeoye, P.A., Fagbenro, O.K., **Abdulsalam I. A.** and Akande, F. B. (2024). Concentration Weathering of some Agrochemicals in Runoff and Soil Interface on the National Centre for Agricultural Mechanization (NCAM) Farm, Ilorin, Nigeria. *Journal of Agriculture and Ecology Research International*, 25(3), 52–67. <https://doi.org/10.9734/jaeri/2024/v25i3593>. **(Offshore)**
- 4) Ola, F., Jekayinfa, S., Akande, F., and ***Abdulsalam, I. A.** (2024). Characterization of Pellets Produced from Rice Bran and Corncob. *LAUTECH Journal of Engineering and Technology*, 18(1), 31-37. <https://laujet.com/index.php/laujet/article/view/614>. **(Onshore)**
- 5) Nasirudeen, A. R., Ola, F. A., Oniya, O. O., Adesope, A. J., Lasisi, D., Balogun, L. A., Adesope, W. A., **Abdulsalam, I. A.** and Oladiji, A. O. (2024). Effects of Torrefaction Parameters on the Properties of Brimstone (*Morinda lucida*) Wood. *Arid Zone Journal of Engineering, Technology and Environment*, 20(4), 813-827. **(Onshore)**
- 6) Jekayinfa, S. O., Ola, F. A., Akande, F. B., Adesokan, M. A. and **Abdulsalam, I. A.** (2024). Modification and Performance Evaluation of a Biomass Pelleting Machine. *AgriEngineering*, 6(3), 2214-2228. <https://doi.org/10.3390/agriengineering6030130>. **(Offshore)**
- 7) Muhammed-Bashir, W. O., Adejumobi, M., Ola, F., Akande, F. and **Abdulsalam, I. A.** (2025). Evaluation of Selected Physical and Mechanical Properties of Forastero Cocoa (*Theobroma cacao* L.) Beans Required for its Processing. *International Journal of Agricultural and Veterinary Science*, 7(1): 83-96. <https://doi.org/10.70382/mejavs.v7i1.029>. **(Offshore)**
- 8) Hamzat, K. A., Adebayo, A.O., Ola, F. A. and **Abdulsalam, I. A.** (2025). Effect of Iron Oxide Nanoparticles and Combined Pretreatment on Biogas Yield from Oil Palm Fruit Bunch under Mesophilic Conditions. *Journal of Engineering Research and Reports*, 27(11): 456–465. <https://doi.org/10.9734/jerr/2025/v27i111714> **(Offshore)**
- 9) Akande, F. B., Ayobamidele, S. J., Taiwo, A., Ojo, J. A., Ishola, T. A., and **Abdulsalam, I. A.** (2025). Effects of Exit Orifice Diameter, Spray Pressure and Spray Height on the Spray Characteristics of an Agricultural Swirl Nozzle. *Journal of Agriculture and Agricultural Technology (JAAT)*, 14(3), 136–150. **(Onshore)**
- 10) **Abdulsalam, I. A.**, Akande, F. B., Olaniyan, A. R., Omoyeni, O. D., and Oladejo, C. B. (2026). The Potentials, Problems and Prospects of Biomass Energy: A Review. *International Journal of Renewable Energy and Environment*, 4(1), 279–296. **(Onshore)**

(vi) Review Articles:

Nil

(vii) Refereed Conference Proceedings:

- 1) Akande, F. B., **Abdulsalam, I. A.**, Oladejo, C. B., Abdulrasak, A. O., Ola, F. A. and Owolabi, A. R. (2025). Characterization of the Seed Oil and Biodiesel Produced from Roselle (*Hibiscus sabdariffa*) Seed. *Proceedings of the 25th International Conference and 45th Annual General Meeting of the Nigerian Institution of Agricultural Engineers (NIAE), November 10 - 14, 2025, NCAM, Ilorin, Nigeria.* **(Onshore)**
- 2) Ogunniran, O. M., Ola, F. A., **Abdulsalam, I. A.**, Manta, I. H., George, I. . H., Busari, R. A., and Akande, F. B. (2025). Effect of blanching temperature and ripening stage on the functional and pasting properties of plantain (*Musa paradisiaca*) flour. *Proceeding of the 25th ASABE*

Annual International Meeting. Sponsored by ASABE Toronto, ON, Canada July 13-16, 2025. American Society of Agricultural and Biological Engineers, 1–13. (Offshore)

(viii) Un-refereed Conference (attended with paper presented):

- 1) Ola, F. A., Jekayinfa, S. O., Akande, F. B. and **Abdulsalam, I. A.** (2023). Characterization of pellets produced from rice bran and corncob. *Proceedings of the International Conference on Engineering and Technology Research* held at Ladoke Akintola University of Technology, Ogbomoso, Nigeria, 13 -15th February, 2023. **(Onshore)**

(ix) Books Reviews: Nil

(x) Technical Reports: Nil

(xi) Patents and Inventions: Nil

(xii) Online journal articles (for journal with no hard copies only): Nil

L. CURRENT RESEARCH ACTIVITIES

(i) Funded Research: Nil

(ii) Non-funded/Self-sponsored Research:

- i. Production and comparative study of pellets made from rice bran and maize corn cob using a developed pelletizing machine.
- ii. Production of biofuel from the pyrolysis of coconut husk

M. CONFERENCES ATTENDED (indicating titles of papers presented if any)

- i. 5th International Conference on Engineering and Technology Research held from 13th to 15th February, 2023 at the Ladoke Akintola University of Technology, Ogbomoso, Nigeria.
Paper Read: Characterization of pellets produced from rice bran and maize corncob
- ii. One-Day Academic Integrity Workshop for All Academic Staff held on Tuesday 7th April, 2026 at Olagunsoye Oyinlola Auditorium, Osun State University Main Campus, Osogbo, Nigeria.

N. EXTRA-CURRICULAR ACTIVITIES

1. Electrical Installations and Technical works
2. Writing and Reading
3. Farming
4. Sports

O. ANY OTHER RELEVANT INFORMATION

- (i) Microsoft office
- (ii) C++ programming language
- (iii) Experimental design and Analysis software (Design Expert, Minitab and SPSS).

P. SUMMARY OF CONTRIBUTION TO KNOWLEDGE

My researches have contributed to the body of knowledge in the following ways;

1. I had determined the fractional products of pyrolysis of coconut husk using locally fabricated reactor and optimize the experiment to determine the conditions which a high yield of a particular pyrolysis product could be obtained
2. I have developed and evaluated a laboratory scale pelletizer for the production of solid biofuel from rice bran and corncob for use in renewable energy generation. The developed machine can also be used in the densification of animal feeds.

3. I have characterized the energy potential of rice bran and corncob for their efficiency in the production of energy for turbine and cooking in homes. The results of the characterization were compared with ISO standards.
4. Operating and materials factors affecting the performance of a developed pelleting machine has been studied and the result contributed to the body of knowledge

Q. REFEREES

1. Engr. Dr. T. F. Oyewusi

Department of Agricultural Engineering,
Osun State University, Osogbo, Nigeria.
Tel: 08035436068
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2. Engr. Prof. S. O. Jekayinfa

Department of Agricultural Engineering
Ladoke Akintola University of Technology, Ogbomoso, Nigeria.
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3. Engr. Prof. O. J. Alamu

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ABDULSALAM, Ibrahim Akinola
STAFF NAME



SIGNATURE

09/04/2026
DATE