

CURRICULUM VITAE: ADENIGBA, A. A.

1. **Names in full:** ADENIGBA, Ademola Adebukola
2. **Nationality:** Nigerian
3. **Present Postal Address** Department of Agricultural & Bio-Environmental Engineering, Federal Polytechnic Ilaro, Ogun State, Nigeria.
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4. **Present Employment Status:**
Lecturer III (Department of Agricultural and Bio-Environmental Engineering, The Federal Polytechnic Ilaro, Ogun State. Post Code 11101)

Research interest:

Food engineering, Alternative energy, Environmental engineering, Agricultural sustainability, Post-harvest operation, and Project management

5. **Educational Institutions Attended (with Date):**
 - (i) Bachelor of Engineering., Agricultural Engineering
Federal University of Technology Akure (B. Eng.), Ondo State 2006-2011
Second Class Honours Upper Division,
 - (ii) Masters of Engineering, Agricultural and Environmental Engineering (Processing and Storage option). Federal University of Technology Akure (**CGPA of 4.86/5.00**)
2016-2018

Certifications

- Certification in (Autocad and Revit Architecture) 2013
- Oshacademy (www.oshatraining.org); Student No; 138682
(Occupational safety and health professional course:132 hours training program) In-view
- Air Pollution (Coursera online course by University of Copenhagen
(09/05/2020)
- Global Postharvest Loss Prevention:Fundamentals, Technologies, and Actors

an online Coursera course authorized by University of Illinois at Urbana-Champaign

(09/02/2020)

- Sustainable Agricultural Land Management an online Coursera course authorized by University of Florida (20/09/2020)

6. Membership of Professional Bodies:

(i) American Society of Agricultural and Biological Engineers (**ASABE**)

Member: 1054349

(ii) International Association of Engineers (**IAENG**), Member: 211649

(iii) National Institute of Agricultural Engineering, Member: M2268

(i) Council for the Regulation of Engineering in Nigeria (**COREN**)

7. Work Experience

Teaching and research: February 2017 -Present

Department of Agricultural and Bio-Environmental Engineering, The Federal Polytechnic Ilaro

- i.** Construction and maintenance of farm structures
- ii.** Farm machinery and mechanization
- iii.** Farm machinery management
- iv.** Agricultural material handling technology
- v.** Soil and water conservation
- vi.** Technical report writing
- vii.** General mathematics for engineering students
- viii.** Mechanics of machine
- ix.** Crop protection and harvesting technology

Research in Progress:

- i.** Solar-thermal powered energy storage technology for sustainable Agriculture
- ii.** Effect of milling parameters on feed particles coefficient of uniformity
- iii.** Development and Evaluation of Poultry Egg Incubator

8. Journal Articles:

- (i). Akintade, J.O. and **Adenigba, A. A.** (2018). Development and Evaluation of a Power Weeder. In: *International Journal of Innovative Research and Development* (Vol. 7, Issue 12, December, 2018).
- (ii) **Adenigba, A. A.** and Olalusi, A. P. (2019). Development and Evaluation of a Fish Feed Mixer. *Agric Engineering international: CIGR Journal* (Vol. 21, Issue 3, October, 2019).
- (iii) **Adenigba A. A.** and Sedara A. M. (2021). Design, Fabrication and Performance Evaluation of Groundnut Dehulling and Separating Machine. *Turkish Journal of Agricultural Engineering Research*, 2(1): 104-123.
- (iv) **Adenigba, A.A.** and **Oluwagbayide, S.D.** (2021). Evaluating the effect of milling speed and screen size on power consumed during milling. *Insights in Aquaculture and Biotechnology* Vol.5 No.2
- (v) **Adenigba A. A.**, Adedeji A. A and Akpofure, A. (2022). Design, Fabrication, and Performance Evaluation of a Three-Phase Poultry Bird De-Feathering Machine. In: *Iconic Research and Engineering Journals*, Vol. 5 Issue 10, Pg: 268-277
- (vi) **Adenigba, A. A.** and Ogunlade, C. B. (2022). Achieving Sustainable Development, Exclusively Through the Use of Green Technologies. *Iconic Research and Engineering Journals*, Volume 6 Issue 3, Pg. 16-25.

9. Published Conference Proceedings:

- (i) **A. A. Adenigba** and A.P. Olalusi, (2018). Design and Fabrication of Jatropha Seed Dehulling Machine. *Oral presentation at the 1st international conference, The federal polytechnic, Ilaro, Ogun State, Nigeria. 5th -8th November, 2018.*

(ii) L. E. Enemaku and **A.A. Adenigba**. (2018). Impact Assessment of Occupational Farm-Safety Policy on Nigeria Agro Economic Recovery Agenda. *Oral presentation at the 1st international conference, The federal polytechnic, Ilaro, Ogun State, Nigeria. 5th -8th November, 2018.*

(iii) M. A. Okusanya and **A. A. Adenigba**, (2020). Ergonomic development of a pedal-operated, dual hand washing machine to ameliorate the deadly effect of covid-19 pandemic. In: *2nd International Conference, The Federal Polytechnic, Ilaro, 10th – 11th Nov., 2020.*

(iv) S. D. Oluwagbayide and **A. A. Adenigba**, (2020). Applications of Drone in enhancement of Agricultural Production. In: *2nd International Conference, The Federal Polytechnic, Ilaro, 10th – 11th Nov., 2020.*

(v) **Adenigba, A. A** and Ibrahim, G. W. (2021). Design and Fabrication of a Motorized Yam Pounding Machine. Impact of Engineering and Technological advancement towards achieving SDG 2030 in Nigeria, In: *5th National conference of school of engineering, the Federal Polytechnic Ilaro*

(vi) S. D. Oluwagbayide and **A. A. Adenigba**, (2022). Crop coefficients and water requirement of one year old Jatropha Curcas in Ilaro, Sub-humid region of Nigeria *3rd International Conference, The Federal Polytechnic, Ilaro, Ogun State, Nigeria August 16 -17, 2022*

10. Extra Curricula Activities

- (a) Motivational Speaker and Counsellor
- (b) Entrepreneur training and women empowerment
- (c) Mentoring students on career path

11. Names and Addresses of Three Referees:

(i) Prof. J.T Fasinmirin

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(ii) Prof. A.P Olalusi

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(iii) Prof. A.A Ogunjobi

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