

## CURRICULUM VITAE

### Objective

To assist individuals to achieve maximum potential in life.

### Personal Details

Name: Asoiro, Felix Uzochukwu

Sex: Male

Date of birth: 21<sup>st</sup> August, 1980

Place of birth: Benin City, Edo State, Nigeria

Blood type: O<sup>+</sup>

Nationality: Nigerian

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### Educational Qualification

- 2011-date      University of Nigeria, Nsukka  
**Ph.D (in view) Agricultural and Bioresources Engineering**
- 2006-2011      University of Nigeria, Nsukka  
**M.Eng. Agricultural and Bioresources Engineering**
- 1999-2005      University of Nigeria, Nsukka  
**B.Eng. Agricultural and Bioresources Engineering.**  
**Second Class Honours (Upper Division)**
- 1988-1994      Iguobazuwa Grammar School, Iguobazuwa, Edo State  
**West Africa School Certificate**
- 1984-1988      Ozolua Model Primary School, Iguobazuwa, Edo State  
**First School Leaving Certificate**

### Work Experience

- 2014-Date      University of Nigeria, Nsukka  
**Lecturer 1, Department of Agricultural and Bioresources Engineering.**
- 2011-2014      University of Nigeria, Nsukka  
**Lecturer 11, Department of Agricultural and Bioresources Engineering.**

- 2008-2010 University of Nigeria, Nsukka  
**Graduate Assistant, Department of Agricultural and Bioresources Engineering.**
- 2006-2007 Tatarsi Ali Polytechnic, Bauchi, Bauchi State  
**Lecturer, Mechanical Engineering Dept (NYSC)**
- 2002-2003 Okomu Oil Palm Company Plc., Okomu-Udo, Edo State  
**Assistant Field Engineer (Industrial training)**
- **repairs and maintenance of palm oil mill machines**
  - **road maintenance and erosion control**
  - **Bush clearing and land development**
  - **Irrigation and water control**
- 2003 Divine Home Secondary School Abakpa-Nike, Enugu, Enugu State.
- **Senior physics and mathematics teacher**

### **Publications**

1. **F.U. Asoiro** and V.C. Okonkwo. 2016. Effect of pH on Oil Extraction from *Chlorella spp.* *Pacific Journal of Science and Technology (PJST)*. 17(1):229-240.
2. **F.U. Asoiro** and K.I. Onak. 2014. Determination of Some Mechanical and Thermal Properties of Coconut (*Cocos Nucifera L.*) Under Varying Moisture Content. *Journal of Agricultural Engineering and Technology (JAET)*, 22(4): 48-55.
3. **F.U. Asoiro** and V.C. Okonkwo. 2016. Effect of pH on Oil Extraction from *Chlorella spp.* *Pacific Journal of Science and Technology*. 17(1):229-240.
4. **F.U. Asoiro** and J.C. Chidebelu. 2014. Effect of Moisture Content on Aerodynamic Properties of Corn Seed (*Zea Mays*). *Journal of Agricultural Engineering and Technology (JAET)*, 22(4): 56-65.

5. **Asoiro, F.U.** and Udo, C.U. 2013. Development of motorized oil palm fruit rotary digester. Nigerian Journal of Technology (NIJOTECH), *Vol. 32, No. 3. November 2013*, pp. 455 – 462.
6. **Asoiro, F.U.** and Akubuo, C.O. 2011. Effect of temperature on oil extraction of jatropha curcas l kernel. Pacific Journal of Science and Technology (PJST), 12(2):456-463.
7. **Asoiro, F.U.**, Nwoke, A.O. and Ezenne, G.I. 2013. Some engineering properties of Prosopis Africana (Okpeye) seed. Journal of Agricultural Engineering and Technology (JAET), 21(2): 66-79.
8. Ezenne, G.I, **Asoiro, F.U.** and Ebute, E. 2013. Development and testing of automatic sprinkler irrigation systems. Journal of Agricultural Engineering and Technology (JAET), 21(1): 58-66.
9. **Asoiro, F.U.** and Ani, A.O. 2011. Determination of some physical properties of African yam beans. Pacific Journal of Science and Technology (PJST), 12(1):374-380.
10. Dunu, C.L., Ezeoha, S.L and **Asoiro, F.U.** 2014. Development of a Low-Cost Automated Cabinet-Type Convection Oven. Proceedings of the 15<sup>th</sup> international conference and 35<sup>th</sup> annual general meeting of the Nigerian Institution of Agricultural Engineers (NIAE), Held at the Federal University of Technology, Akure on 22<sup>nd</sup> -26<sup>th</sup> September, pp.258-270.
11. **Asoiro, F.U.** and Ezeoha, S.L. 2014. Improving the Quality of Nigerian Rice. Proceedings of the 15<sup>th</sup> international conference and 35<sup>th</sup> annual general meeting of the Nigerian Institution of Agricultural Engineers (NIAE), Held at the Federal University of Technology, Akure on 22<sup>nd</sup> -26<sup>th</sup> September, pp. 211-219.

12. Nwoke, O.A, Ugwuishiwu, B.O and **Asoiro, F.U.** 2013. Effects of Particle size and Time of Slurry Storage on Some Physical Properties of Cow Dung. Proceedings of the 14<sup>th</sup> international conference and annual general meeting of the Nigerian Institution of Agricultural Engineers (NIAE), Vol. 34, pp. 345-351.
13. Ezeoha, S. L; **Asoiro, F.U** and A Ikejiofor. 2013. Carrot preservation by vacuum packaging technique. Proceedings of the 14<sup>th</sup> international conference and annual general meeting of the Nigerian Institution of Agricultural Engineers (NIAE), Vol. 34, pp. 375-382.
14. Ezeoha, S.L; **Asoiro, F.U.** and I. G. Tobias. 2013. Development of a reflective solar cooker. Proceedings of the 14<sup>th</sup> international conference and annual general meeting of the Nigerian Institution of Agricultural Engineers (NIAE), Vol. 34, pp. 390-401.
15. **Asoiro, F.U;** Idike, F.I and Ani, A.O. 2009. Effect of polythene as a packaging material on packaged water. Proceedings of 3<sup>rd</sup> WASSAE and 9<sup>th</sup> international conference of the Nigerian Institution of Agricultural Engineers, Held at the Obafemi Awolowo University, Ile- Ife, on 25-29<sup>th</sup>, 2009. pp. 344-349.

#### **Research Interests**

1. Food Bioprocess and Storage Engineering.
2. Thermal and non thermal processing of indigenous local food products.
3. Design and construction of prototype machines for the processing of indigenous crops.
4. Optimization of oil extraction of Nigerian fresh water microalgae.
5. Effects of temperature on oil extraction of Nigerian fresh water microalgae species.
6. Renewable bio-energy with special emphasis on non edible food feedstock.
7. Physical, chemical, mechanical and thermal properties of biomaterials with emphasis on indigenous local crops.

#### **Scientific and Professional Society Membership**

2010 Member. Nigerian Institution of Agricultural Engineers (NIAE) (M1503).

2012 Member. American Society of Agricultural and Biological Engineers (ASABE)  
(M1043301).

2014 Member. The Nigerian Society of Engineers (NSE) (M34095).

**Award**

2002-2003 Nigerian National scholarship Award for Academic Excellence (2001).

**Hobbies**

Reading and listening to global news.

**Languages Spoken**

English and Igbo Languages