

## PERSONAL INFORMATION

## Dennis Ndashiru Audu



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Sex Male | Date of birth 25/12/1995 | Nationality Nigerian

## PERSONAL STATEMENT

I am an Agricultural Engineering graduate with knowledgeable experience on best agricultural and management practices garner from the field leading to the realization of higher productivity, attainment of food security, poverty alleviation and improvement of livelihood. I am ready to contribute effectively to scientific and engineering research, develop quality control, strategic planning and gain access to a challenging environment where desirable legacies are achievable.

## WORK EXPERIENCE

12/10/2019 – Till Date

## Field Engineer

## Sawah Eco-technology Project, Ilorin Nigeria

- I carried out action research and development of Sawah Eco-technology for sustainable rice production in Nigeria using a total station and other GIS tools which served as a catalyst to the rice revolution in the nation and also making Nigeria the highest paddy producing country in Sub-Saharan Africa and also shoot high as production level with a developed country like Japan
- System designing, site selection and application of best agricultural and management practices leading to the realization of increase in yield from 0.5-2 tons per hectare to 5-7 tons per hectare.
- Trained 25 lead farmers in each of the 20 States covered out of the 36 states in the federation on the adoption of this modern technology in rice farming.

19/09/2019 – 15/08/2020

## Graduate Trainee Engineer

## National Centre for Agricultural Mechanization, Ilorin Nigeria.

- Designing, development and performance evaluation of agricultural processing machinery and storage facilities to curb the high percentage of postharvest losses in Nigeria.
- Supervision of tillage operation with tractor and its attached implements, planting and harvesting of agricultural products with harvesters.
- Training of students on industrial attachment from diverse universities in the federation on the importance of agricultural mechanization and techniques to curbing postharvest losses.

05/06/2017 – 08/12/2017

## Agricultural Engineering Intern

## National Cereals Research Institute, Badeggi Nigeria

- Supervision of tillage and planting operation on trial field (to check the suitability of cereal crops variety) and on the Institute's farm for seed multiplication.
- Assisted in the designing, development and evaluation of planters, oil extractors and harvesters of certain agricultural produce.

## EDUCATION

2013-2019

## Bachelor of Engineering in Agricultural Engineering

## Second Class Honours (Upper Division)

Ahmadu Bello University, Zaria, Kaduna State, Nigeria/abu.edu.ng

## FURTHER EDUCATION AND CERTIFICATION

2021 Drip Irrigation System Design – eLengo, Kenya

2020 Global Postharvest Losses Prevention: Fundamentals, Technologies and Actors

University of Illinois (MOOC, Coursera)

2020 Unravelling Solutions for Future Food Problems – Utrecht University (MOOC, Coursera)

2020 Sustainable Agricultural Land Management – University of Florida (MOOC, Coursera)

## PERSONAL SKILLS

Mother tongue(s)

Nupe

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C2	C2
Medium of Instruction					

Organisational / managerial skills

- Public Relations Officer, Educational Community Development Service Group
- Chairman, Academic Committee, Educational Community Development Service Group.
- Chairman, Final Year Brethren, Fellowship of Christian Students, ABU Zaria.
- Special Adviser on Academic Matters, Department of Agricultural Engineering.

Computer skills

- GIS for agricultural land mapping
- Excellent command of Microsoft Office Suites
- CorelDraw

Other Skills

- Time management
- Teamwork
- Adaptability

## ADDITIONAL INFORMATION

Publications

Development of a Motorized Small Size Electrically Operated Hammer Mill(Under Review)

Projects

[Federal Ministry of Agriculture and Rural Development](#)

- Development of a 2-hectare Field for Sawah Technology Demonstration on Rice Farming (Niger, Edo, Kebbi, Ogun, Abia, Imo, Sokoto State etc)

[Sokoto State Government](#)

- Design and Development of Onions Storage Facility

[Marie Curie Foundation \(Through the Japan Embassy\)](#)

- Supplying of Power Tillers and Combine Harvesters and other agricultural processing equipment to the Rice Farming Ecologies in Kwara State, Ilorin Nigeria.

Conferences

[Pan Africa Society for Agricultural Engineering \(PASAE-NIAE\) International Conference 2021](#)

- The conference focused on harnessing the huge but underexploited and underutilized agricultural and natural resources through knowledge and practical-driven agriculture and agriculture-led industrialization.

Seminars

[Workshop on Expansion Strategy of Sawah Eco-technology in Rice Farming](#)

- This workshop was focused on training the trainer and on-the-job group training of Personal Irrigated Sawah System Development and Management by farmers' self-support efforts in major Fadama ecosystems in Nigeria to realize Rice Green Revolution.

[Annual Workshop of Transforming Irrigation Management in Nigeria \(2019 & 2020\)](#)

- This workshop aimed at improving access to irrigation services and strengthening institutional arrangements for integrated water resources management and agricultural service delivery in selected large-scale public schemes in Northern Nigeria.

Honours and awards

2019 Best Undergraduate Thesis in the Department of Agricultural and Bio-resources Engineering, Ahmadu Bello University, Zaria Nigeria.

Memberships

- Graduate Member, Nigerian Institution of Agricultural Engineers
- Graduate Member, The Nigerian Society of Engineers

References

Available on Request

