

# AYARA, Williams Adewale

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DATE OF BIRTH: 4<sup>TH</sup> AUGUST 1971  
STATE OF ORIGIN: ONDO STATE  
SEX: MALE  
MARITAL STATUS: MARRIED

## **INSTITUTION(S) ATTENDED WITH DATE(S)**

- |  |      |
|--|------|
| 1. Federal Polytechnic Bida, Niger State:  | 2001 |
| 2. Federal Polytechnic Kaura-Namoda Zamfara State:   | 1995 |
| 3. Pixel Gold computer consultancy, Bauchi State:  | 2005 |
| 4. National Centre for Equipment Maintenance and Development (NCEMD)<br>University of Nigeria, Nsukka: | 2009 |

## **DEGREE(S) OBTAINED WITH DATES**

- |  |      |
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| 1. Higher National Diploma (HND SLT, Physics with Electronics Option): | 2001 |
| 2. National Diploma (ND):  | 1995 |
| 3. Certificate in computer engineering and maintenance:                | 2005 |

## **PREVIOUS WORK EXPERIENCE**

### **FULL TIME**

**Covenant university Canaanland Ota, Ogun State.**  
(Physics/Electronics) - Jan.2006 till date.

**El-Amin International School Minna Niger State.**  
Class Teacher (Physics) - Jan.2005- Jan.2006.

**Brighter Schools, Minna, Niger State.**  
Class Teacher (Physics) – April 2004 – Jan. 2005.

**Federal Government College Staff School, Sokoto.**  
Class Teacher. November 1997 – February 1999.

**Sokoto State Utility Board, Sokoto.**  
Assistant Laboratory Technologist – October 1994 – March 1995.

## **PUBLICATIONS**

1. Uhuegbu, C.C. and **Ayara, W.A** (2011) *Delay Timer (Relay driver) for home electrical appliances*. Archives of Physics Research, 2011, 2 (3):17-22
2. Uhuegbu, C.C. and **Ayara, W.A** (2011) *Power Transistor and Photodiode as a Solar Cell device*. International Journal of Engineering Science and Technology (IJEST) ISSN : 0975-5462 Vol. 3 No. 2, pp1693-1704
3. A.A. Willoughby, **W. Ayara**, and N. Obafemi (2014) **An Automatic Mains Voltage Switch Protector for Domestic Appliances**. Journal of Emerging Trends in Engineering and Applied Sciences (JETEAS) 5(1): 56-61

## **ELECTRONIC PROJECTS DEVELOPED THAT CAN BE COMMERCIALISED**

1. Laboratory bench power supply with backup capability
2. 12/24V lead acid battery charger
3. Modified sine wave inverter
4. Solar panel from Photodiode
5. Mains power restore alert with melody

## **RESPONSIBILITIES**

1. Coordinates 100Level Physics practical class (PHY119 & PHY129)
2. Coordinate and conduct 300Level Physics Practical (PHY319)
3. Coordinates and conduct 400Level Physics Practical (PHY418 & PHY428)
4. Stock keeping of all laboratory equipment and tools
5. Servicing, repairs and maintenance of laboratory equipment
6. Ensuring safe and good working ethics in the laboratory

## **PART TIME**

General repairs, servicing and maintenance of all kinds of electrical / electronic appliances – 1997 till date

## **REFEREES:**

1. **Mr. G. N. Okonkwo**  
Department of Science Laboratory Technology  
Physics with Electronics Option  
Federal Polytechnic, Bida  
Niger State.
2. **Dr. Gberevbie Daniel**  
Department of Political Science  
Covenant University, Canaanland  
Ota Ogun State.