**UNIVERSITY OF MEDICAL SCIENCES, ONDO TOWN, ONDO STATE**

**CURRICULUM VITAE**

1. **PERSONAL DATA**
2. **Full Name (Surname first):** Dr OWOLABI Joseph Ayodele
3. **Date of Birth:**  21st March, 1959
4. **Email Address**: **josedeleowo85@gmail.com**, jowolabi@unimed.edu.ng
5. **Phone Numbers**: 07063624278
6. **Nationality**: Nigerian
7. **State of Origin:** Ekiti – State
8. **Local Government Area:** Ekiti South West local government Area
9. **Marital Status**: Married with children
10. **Number of Children and their Ages**: **(4),** 25, 21,17 and 15 years
11. **Next of Kin**: Mrs Owolabi Folusho Serah
12. **Rank/Status on First Appointment:** Senior Lecturer
13. **Faculty/Directorate:** Science
14. **Department/Unit:** Physics
15. **EDUCATIONAL BACKGROUND**
16. **Educational Instituitions Attended with dates**
17. Adekunle Ajasin University , Akungba – Akoko 2009 – 2014

(ii) University of Ado – Ekiti, Ado –Ekiti 2004- 2006

(iii) University of Nigeria, Nsukka 1986 – 1990

**2. Academic and Professional Qualifications (with dates)**

(i) PhD (Physics) 2014

(ii) M.Sc. (Physics) 2006

(iii) Bachelor of Science 1990

1. **Other Distinctions and Awards with Date:**
2. Scholarship: Nil
3. Fellowship: Nil
4. Research Grants: Nil
5. National Awards: Nil
6. International Awards: Nil
7. **WORK EXPERIENCE WITH DATES**
8. Physics and Mathematics Teacher. New Church Grammar School,Owo. Ondo – State 1991-1993
9. Education Officer- Government Technical College ,Ado –Ekiti. 1994 – 2000
10. Lecturer (Physics)-College of Education , Ikere – Ekiti. 2000- 2008
11. Lecturer (Physics)- University of Education. Ikere – Ekiti . 2009- 2012
12. Lecturer ( Physics)-Joseph Ayo Babalola University (JABU) Osun – State. 2013 – 2015
13. Lecturer ( Physics )- Elizade University, Ilara – Mokin, Ondo – State. 2016 - 2017.
14. Lecturer ( Physics)-Kogi State University , Anyigba. Kogi – State. 2018

**PRESENT EMPLOYMENT STATUS**

 University of Medical Science. Ondo. Ondo – State. 2019

 **COURSES TAUGHT WITHIN THE CURRENT ACADEMIC SESSION**

1. PHY121-General Physics III (Electricity, Magnetism and Modern Physics I)
2. PHY122-General Physics Laboratory II
3. PHY224-Electronics I
4. PHY322-Solid State Physics I
5. PHY323-Electronic Practical II

 **CURRENT UNDERGRADUATE SUPERVISION**

1. Supervision of Electronics practical for all levels
2. Supervision of Electronics projects for 300L- 400L

**D. MEMBERSHIP OF PROFESSIONAL BODIES**

Member, Nigeria Institute of Physics

1. **PUBLICATIONS**
2. **Thesis/ Dissertation:**
3. Owolabi, J.A (1990). Preparation and Characterization of Cu and Zns alloys. B.SC Thesis. University of Nigeria, Nsukka.
4. Owolabi, J.A (2006) . The electrical properties and optical absorption of Sn1-x FexSe pseudobinary alloy. M.SC Thesis, University of Ado – Ekiti
5. Owolabi, J.A (2014) . Design, Construction and Application of variable frequency and voltage electromagnetic imaging instrument for detection of metallic pipes. Ph.D Thesis, Adekunle Ajasin University, Akungba – Akoko
6. **Books/ Monographs:**
7. Authored – None
8. Edited – None
9. **Contribution to Books** – None
10. **Published Journal Articles** (numbered chronologically in the following format) Surname, Initials, Year, Title of Article, Journal, Volume (no), first-last page**:**
11. Owolabi , J.A (2009) . Optical Characterization of Sn1-xFexSe alloy . International journal of Physics. Vol 1,no1,61-64.
12. Owolabi , J.A (2009) . The resistivity and Hall mobility characteristics of Alse and Snse. Implication for sustainable development. International journal of physical science. Vol 12,no3,81-86.
13. Owolabi, J.A (2010). Characterization of Cu : ZnS alloys. International journal of Physical science. Vol 5,no 1 ,7-9.
14. Owolabi, J.A (2009). Solar Energy . Option for Nigeria Source. Journal Research in Physical Sciences. Vol 5,no 3,12-17.
15. Owolabi, J.A (2010). Determination of chromium elements in food cooked inside old steel and new stainless steel pots. International journal of physical science. Vol 5,no3,22-24.
16. Owolabi, J.A(2010). Element analysis of natural quartz using particle induced x-ray emission in Ekiti State,Nigeria. Intrenational journal of physics. Vol 12,no 1,29-34.
17. Owolabi,J.A(2011). Ozone climate and atmosphere change. International journal of Physical Science. Vol 7, no 4, 106-109.
18. Owolabi, J.A( 2011).Usage of design and constructed meter in measuring gamma ray level in drainage sediment in Ikere and Ilawe Ekiti. International journal of science and sustainable development.vol7,no10, 161-168.
19. Owolabi, J.A (2017). Horizontal and vertical profiling method of detecting conducting materials in the soil. JABU Journal of Science and Technology. Vol. 3, no 1.
20. Owolabi, J.A (2018) . Design and construction of solar charge controller unit .JABU Journal of science and Technology. Vol. 3, no 2.
21. Owolabi,J.A(2018). Analysis of 2D and 3D Spectral images formed from transmitted and received voltage of steel pipe placed on flat surface. International Journal of Chem-Informatics Research. Vol.4: Issue 2,1-9.
22. Owolabi,J.A(2019). Imaging of a far surface object with horizontal loop electromagnetic instrument. International Journal of Environmental Chemistry. Vol.5: Issue 1.
23. Owolabi, J.A.(2019). 2-D Electrical resistivity technique for groundwater exploration in Ikere- Ekiti, Nigeria. International Journal of Energetic Materials.Vol.5: Issue 1.

 **CURRENT RESEARCH ACTIVITIES**

 Experimentation of a multi-time multi-level converter for renewable energy.

**5. Edited and Refereed Conference Proceedings** (Numbering continuous with 3(a) Format: Surname, Initials, Title, In: Proceedings, Dates, Venue, Publisher, City; pp): None

**6. Manuscripts Accepted for Publication** (Numbering continuous with 3(b); Format as in 3(a) or 3(b)):

(i) An overview of operation system order for dc-dc converter using pulse – width modulation.

**7. Manuscripts Submitted for Publication:**

(i) Simulation model for multi-timed cascaded dc-dc converter.

**8.** **Papers and Works in Progress:**

Design, Construction and Application of a Microcontroller digital change-over switch.

1. **Professional Accomplishment:**

From my experience, l have produced qualified electronics engineers that serves different electronic industries, telecommunications and shell companies across the country and beyond.

1. **Conferences, Seminars and Workshops Attended With Dates**
2. Workshop on proposal development and methodology for need-driven research. January ,2009. FUTA, Akure.
3. Third international conference on development studies. February, 2009. University of Benin, Benin city.
4. African Regional conference on sustainable development. July, 2009. Imo State University, Owerri.
5. International technology Training Module I. July, 2009. University of Education, Ikere Ekiti.
6. Conference on research and overcoming challenges to sustainable development in the third world. November, 2010. University Nationale du Benin, Cotonou, Republic of Benin.
7. First conference on culture, science and sustainable development. April, 2011. University of Port Novo, Republic of Benin.
8. International conference on sustainable development. July, 2011. University of Calabar, Calabar.
9. Capacity Building Workshop.August,2016. Elizade University.Ilara- Mokin,Ondo-State.

Open Access Workshop – Open In Action. October,2016. Elizade University, Ilara- Mokin, Ondo – State

1. Faculty of Basic Science Conference 2019. June,24. Elizade University, Ilara- Mokin, Ondo- State.