

***CURRICULUM VITAE***  
**PERSONAL DATA(08039307952)**

**Name:** Odo Polycarp Onyebuchi  
**Date of Birth:** 30<sup>th</sup> December, 1983  
**L.G.A:** Igbo-Eze-North  
**State of Origin:** Enugu State  
**Nationality:** Nigeria  
**Gender** Male  
**Marital Status:** Single  
**Religion:** Christianity  
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**Contact Address:** 17 Catering Rest Road,Nsukka  
**Current Postal Address:** Dept of Electronics Engr,University of Nigeria,Nsukka.

**SCHOOLS AND INSTITUTIONS ATTENDED WITH DATES**

1. Masters in Digital Electronics and Computer,UNN (2012-2015)
2. Bachelor Degree, University of Nigeria, Nsukka UNN, (2002-2008)
3. Community Secondary School, Udah (1994 - 2000)
4. Community Primary School, Umachi (1989 - 1994)

**CERTIFICATES AND DEGREES OBTAINED**

1. Master of Engineering in Electronics Engineering(Digital Electronics and Computers), April 2015
2. National Youth Service Corps, NYSC (Baptist Secondary Grammar School, Osun State),2010
3. Bachelor in Electronic Engineering, UNN (2009); Second Class Upper Division.
4. West African Examination Council (WAEC - 2000),5A's
5. National Examination Council(NECO-2000): Distinction level.
6. Junior School Leaving Certificate (1997): Distinction Level.
7. First School Leaving Certificate (1994): Distinction Level.

**WORKSHOP AND SEMINARS ATTENDED**

1. Student's industrial work experience scheme (SIWES): National Centre for energy research and development (NCERD) UNN, 2007.
2. International workshop on Renewable energy for sustainable development (NCERD) 2007.

3. Photovoltaic Engineering Workshop, NCERD, 2007.

### **PROJECT AND RESEARCH PAPERS**

1. Design and construction of micro-controller-based car-speed regulator with proximity detectors. Bsc thesis.
2. Design and Construction of Microcontroller-Based Digital pressure Metre for Oil and Gas pipelines.
3. Modelling and simulation of leakage-induced pressure drop along oil and gas pipelines. Msc thesis
4. Leakage detection in oil and gas pipeline using modified darcy-weisbach and panhandle B equation. Publication ongoing.

### **AREAS OF INTEREST**

Renewable energy/Photovoltaics and Nanotechnology

### **WORKING EXPERIENCE**

1. Interim Joint and Matriculation Board (IJMB) Nsukka; Further Maths and Physical Electronics (2006/2008)
2. Solar cell management as IT student,2007.NCERD
3. Teacher in NYSC (integrated science and intro. Tech,2009/2010).
4. Further Mathematics ,Anglican Grammar School,Nsukka,(2010/2011).
5. Physics, Shalom Academy, Nsukka(2011/2013)
6. Tutor: Basic Electronics and Communication principles: Doyen Academy Enugu:2013/2014
7. Lecturer, department of Electronic Engineering ,University of Nigeria ,Nsukka(currently).

### **HOBBIES**

Reading, Watching Football, Research.

### **REFEREES**

1. Engr.Prof. O.U. Oparaku  
Electronic Engineering, UNN  
08038926351
2. Engr.Dr C.N. Anyanwu  
Research Fellow 1, National Centre for Energy, Research and Development (NCERD), UNN.  
08051980070.
3. Engr. Dr M.A Ahaneku  
Department of Electronic Engineering, UNN.  
08038728627