

# CURRICULUM VITAE

## MR. BITRUS IRMIYA

### 1. Biodata

- a. Name: Bitrus, Irmiya  
b. Date & Place of Birth: 18<sup>th</sup> October, 1984  
Takaskala, Gwoza L.G.A.,  
c. Gender: Male  
d. State of Origin: Borno State  
e. Nationality: Nigeria  
f. Marital Status: married  
g. Number and Ages of Children: Two (2) Children, six (6) & two (2)  
Years old  
h. Religion: Christianity  
i. Contact Address: Dr. Jiboku's Residence, Opposite  
Molony Bus-Stop, Ilaro, Ogun State.  
j. Email Address: [irmiyabitrus@gmail.com](mailto:irmiyabitrus@gmail.com),  
[bitrus.irmiya@federalpolyilaro.edu.ng](mailto:bitrus.irmiya@federalpolyilaro.edu.ng)  
k. Telephone Number: 07063065557, 07058588974  
l. Present position: Assistant Lecturer

### 2. Institutions Attended with Dates:

- University of Maiduguri, Borno State 2004-2009
- Government Secondary School Ville, Gwoza  
Secondary School Certificate 1996-2002
- Fadagwe, Primary School, Gwoza 1990-1996

### 3. Academic Qualification with Dates:

- B.Engg (Hons) Electrical and Electronics Engineering April, 2012

### 4. Professional Qualifications obtained with Dates:

- Nigerian Society for Engineers (NSE) , Certificate of attendance Nov 2017
- National Power Training Institute (NAPTIN) 2014-2015
- Diploma in Computer networking and Website Design Jan. 2013

### 5. Membership of learned Societies and Professional Bodies:

- Nigerian Society of Engineers (NSE) In View

### 6. Working Experience:

Year of update: 2019

**a. Academic Experience**

**i. Teaching**

- The Federal Polytechnic, Ilaro  
Ogun State  
Department of Electrical and Electronics Engineering

**ii. Courses taught:**

- Electrical Machines I (EEC123) ND I
- Electrical Power System IV HND II
- Electrical Engineering Science I (EEC115) ND I
- Electrical Engineering Science II (EEC125) ND I
- Entrepreneurship Development (EED 326) HND I
- Engineer in Society (GNS 311) H ND I

**iii. Research Interest:**

- Power and Control Engineering

**iv. Academic Leadership Positions:**

- Nil

**b. Administrative Experience:**

**i. Deanship of School/College/Faculty:**

- Nil

**ii. Head of Department/Unit:**

- Nil

**iii. Membership of Committees:**

- **Member** Institutional Research Committee June, 2019 till date
- **Departmental Meeting Secretary**, Electrical and Electronic Engineering Department, The federal polytechnic Ilaro, ogun state. 2017 till date
- **Member** Departmental Quality assurance committee. 2017 till date
- **Member** Departmental Committee on Project Exhibition. 2017 till date
- **Member** Departmental Committee on Project 2017 till date
- **Member Photograph** Committee on 40<sup>th</sup> Anniversary of the Polytechnic Dec., 2019 till date

## 7. Services Outside the Federal Polytechnic, Ilaro

❖ **LM Ericson:**

( FCT-ABUJA OFFICE) 2016-17

- Field support engineer (FSE)
  - Installation, configuration, integration and commissioning of microwave radios.
  - Maintenance of telecommunication multiplexer.

❖ **SKYLINKS LTD**

(FCT-ABUJA OFFICE)

- Field support engineer (FSE)

-Installation, configuration, integration and commissioning of microwave radios.

❖ **RFM NIG. LTD**

(FCT-ABUJA OFFICE)

2012-2015

- Field support engineer (FSE)

-Installation, configuration, integration and commissioning of microwave radios.

❖ **SAHARA HOMES LTD**

- Resident Electrical Engineer (REE)

-Supervision of domestic and Industrial Electrical Installations.

-Installation of Distribution Transformers.

-Installation of Overhead Distribution Line.

❖ **GONGOLA NIG. LTD**

(FCT-ABUJA)

- Resident Electrical Engineer (REE)

-Design and Installation of electrical and mechanical facilities in  
Engineering Building,

-Installation of Distribution Transformers.

-Installation of Overhead Distribution Line.

-Installation of Inverters and d.c Battery Bank.

- Installation of Solar Power System.

❖ **SIWES**

**Power Holding Company of Nigeria,  
Gombe Business Unit**

August, 2007 – February, 2008

**Responsibilitie**

-Protection Control and Metering

-Cable Jointing

-Fault Rectification

-Dispatching

## 9. Academic Publications

### a. Journal Publications

- Okoye, C.U., Bitrus I., Alao, M.J., Adedokun, N.O. and Abdulhamid, I.G. A study and Analysis of Energy Generation and Consumption in Dangote Cement Plant, Ibese, Ogun State, Nigeria. *Global Journal of Advanced Engineering Technologies And Sciences (2018), Vol. 5 (11)*.
- Paul Inuwa Adamu<sup>a\*</sup>, Hamza Abba<sup>b</sup> and Bitrus Irmiya<sup>c</sup>  
Design and Construction of an Autonomous Black Path Following Robot. (*Namoda Frontiers of Business Research: Interdisciplinary Academic Journal* 01 (2017) (000-000))

### b. Book Chapters/Book Publications

Nil

### c. Conference Papers

- Ibrahim G.W., Bitrus, I. Automatic Control Cassava Processing Machine: The Necessary Aid for Technological Renaissance. *16<sup>th</sup> International Inter-tertiary Multidisciplinary Conference (ISTEAMS) in Collaboration with Academic Staff Union of Polytechnics (ASUP) on Technological Renaissance for Innovations & Productivity (TRIP). 9<sup>th</sup> -11<sup>th</sup>, June, (2019).*The Federal Polytechnic Ilaro, Ogun State Chapter.
- Bitrus, I. Quality Assessment of Nigeria's Branded Single-Core Electrical Wires: Project Managers' Perspective. *7<sup>th</sup> National Environmental Conference on Sustainable Environmental and Economic Development Challenges; Options and Prospects.* The Federal Polytechnic Ilaro, Ogun State. 22<sup>nd</sup> – 25<sup>th</sup>, April. (2019).
- Bitrus I., Okoye, C.U., Abdulhamid, I.G. The Need to Embrace Tidal Power Plant in Nigeria for Global Competitiveness in Power Sector. *1<sup>st</sup> International conference and exhibition on technological innovation for global competitiveness,* The Federal Polytechnic Ilaro, Ogun State. 5<sup>th</sup> – 8<sup>th</sup>, Nov. (2018).
- Adamu, D., Bitrus, I. Automatic Water Flow Control for Sustainable Environment. *7<sup>th</sup> National Environmental Conference on Sustainable Environmental and Economic Development Challenges; Options and Prospects.* The Federal Polytechnic Ilaro, Ogun State. 22<sup>nd</sup> – 25<sup>th</sup>, April. (2019).
- Okoye, C.U., Bitrus I., Alao, M.J., Adedokun, N.O. and Abdulhamid, I.G. A study and Analysis of Energy Generation and Consumption in Dangote Cement Plant, Ibese, Ogun State, Nigeria. . *1<sup>st</sup> International conference and exhibition on technological innovation for global competitiveness,* The Federal Polytechnic Ilaro, Ogun State. 5<sup>th</sup> – 8<sup>th</sup>, Nov. (2018).
- Kukoyi, O., Bitrus, I. Stoking the Fire of Entrepreneurship Education the Federal Polytechnic Ilaro's Experience. . *1<sup>st</sup> International conference and exhibition on*

*technological innovation for global competitiveness*, The Federal Polytechnic Ilaro, Ogun State. 5<sup>th</sup> – 8<sup>th</sup>, Nov. (2018).

- Abdulhamid, I.G., Fadare, S.A and Bitrus, I. (2018). Development of an Automatic Monitoring System of a Greenhouse Environment using zigbee. *1<sup>st</sup> International conference and exhibition on technological innovation for global competitiveness*, The Federal Polytechnic Ilaro, Ogun State. 5<sup>th</sup> – 8<sup>th</sup>, Nov. (2018).
- Okoye, C.U., Adejumobi, I.A., Bitrus I., Adedukun A.G. Analysis of Cross-Border Electricity Transactions in Nigeria. *13<sup>th</sup> Annual Research and Exhibition of University of Lagos, Lagos State, Nigeria.* 28<sup>th</sup> – 30<sup>th</sup>, Aug. (2018).

#### **Conferences Attended**

- ❖ 2018 Engineering Conference, Nigerian Society Of Engineers: Sustainable Engineering Infrastructure For Accelerated Rural Development  
Nov 28-30<sup>th</sup> 2018
- ❖ 2017 Engineering Conference, Nigerian Society Of Engineers: Diversification Of Nigerian Economy: Engineering Perspective, Chida Events Centre, Utako, Abuja  
Nov 20-24 2017

#### **Workshops Attended**

- ❖ Two Day Capacity Building Training Workshop On Ethical Conduct Amongst Academic Staff Towards Efficient Management Of The Federal Polytechnic Ilaro. Held at the International conference Centre, Federal Polytechnic, Ilaro, Ogun State. Dec. 20-21<sup>st</sup>, 2019
- ❖ 1-day workshop for newly recruited staff. Held at the international conference centre, federal polytechnic, Ilaro March 27<sup>th</sup>, 2019.
- ❖ 1-day workshop on How to Write a Desirable Technical Report For Professional Interview, organized by Nigerian Society of Engineers (NSE) Apr., 6<sup>th</sup>, 2019.

#### **d. Unpublished Project and Dissertations**

- Design and Construction of Three-way Electrical Low Voltage Change-Over Switch.

#### **e. Major Research Undertaken**

- Quality Assessment of Nigeria's Branded Single-Core Electrical Wires.
- Design and Construction of Three-way Electrical Low Voltage Change-Over Switch.
- Design and Construction of Automatic Control Cassava Processing Machine.
- Design and Construction of an Autonomous Black Path Following Robot.

## **10. Community Service:**

- ❖ **Gidan Mangoro Resettlement Estate, Orozo, FCT-Abuja**
  - Member, Community Technical (Electricity) Committee 2013-2018
- ❖ **National Youth Service Corp (NYSC)**
  - Secretary, Roll Back Malaria, Community Service Development (CDS) 2012-2013

**Year of update: 2019**

## **11. Extra-curricular Activities:**

- Playing football
- Meeting people
- Making friends and making positive impact in people's live.

## **12. Referees**

### **1. ENGR. C. U. OKOYE**

Department of Electrical and Electronics Engineering,  
The Federal Polytechnic Ilaro, PMB 50, Ilaro, Ogun State Nigeria.  
08033894973

### **2. ENGR. SAMUEL BATA MSELIA coren, Gnse**

LM Ericsson Nig Ltd,  
NO 17, Ozumba Mbidwe Street, Victoria Island,  
Lagos State.  
08167550639

### **3. Dr. Yohanna Bitrus**

Federal Medical Centre  
House NO C5, Gombe,  
Gombe State.  
08030931111