

## CURRICULUM VITAE

**PERSONAL BIO- DATA**

**NAME:** Ezema, Modesta Ero (nee Asadu)  
**DATE OF BIRTH:** 19<sup>th</sup> January, 1972  
**MARITAL STATUS:** Married with five children  
**SEX:** Female  
**TOWN:** Ihe-Owerre  
**LOCAL GOVERNMENT AREA:** Nsukka  
**STATE:** Enugu  
**NATIONALITY:** Nigeria

**INSTITUTIONS ATTENDED WITH DATES**

1. Ebonyi State University Abakalikki 2002- 2007
2. Enugu State University of Science and Technology Enugu 1998-2001
3. University Of Nigeria Nsukka 1990-1997
4. Queen Of Rosary Secondary School Nsukka 1982-1988
5. Community Primary School Nru- Nukka 1977-1982

**QUALIFICATIONS OBTAINED WITH DATES**

1. P.hD (computer Science) 2007
2. M. Sc ( Computer Science) 2001
3. B. Sc Computer Science 1997
4. Senior School Certificate (SSC) 1988
5. First School Leaving Certificate (FSLC) 1982

**WORKING EXPERIENCE**

EMPLOYER	DESIGNATION	PERIOD		RESPONSIBILITY
		FROM	TO	
UNN	Lecturer I	Nov 2005	Date	See pages down
ESUT(CEE) Department	System Analyst	Jan, 99	October 2005	See pages down
Technix Nig.Ltd	Instructor	April, 98	June , 98	See pages down
Microproducts	Instructor	Sept ,98 Nov, 98		Same as above
IDC ESUT Enugu	Instructor	July'97	June'98	Trainee
OSISATECH poly	Lecturer	Nov98	Dec'98	Head of Department

**REFREES**

1. Prof H.C. Iyama  
**Department of Computer and Electronics Engineering**  
**Nnamdi Azikiwe University Awka**  
**Anambra State Nigeria**
2. Engr Dr. C.N. Mba  
 MME Department ESUT Enugu
3. Engr Prof. F.S. Bakpo  
 Computer Science Department University of Nigeria Nsukka.

### **EXTRA CURRICULUM ACTIVITIES**

Travelling

Reading the bible

Cooking

Specific responsibilities

University of Nigeria Nsukka

Taught the following courses

- ❖ Numerical methods
- ❖ Introduction to file processing
- ❖ Introduction to computer science
- ❖ Computer Applications
- ❖ Expert System
- ❖ Switching Algebra
- ❖ Computer Programming
- ❖ Internet technology
- ❖ Data Communications and Networks

Supervises undergraduate and post graduate projects

Computes students result

Co coordinator of all borrowed courses in the department.

Chairperson Departmental Malpractice Committee

Computer Engineering Department ESUT

- Software Installation and Maintenance
- Programming with the Java,

### **TECHNIX NIG.LTD**

Courses taught:

- Data processing
- Software Design and Management
- Management Information System
- Switching Algebra
- Coordinator Anambra State Civil Servant Training Workshop(April to May 1998)

### **MICROPRODUCTS NIGERIA LIMITED**

Trainer Union Bank of Nigeria Emene Branch on the use of the following:

- Micro Soft Excel
- Micro Soft Word
- Micro Soft Corel Draw

### **INDUSTRIAL DEVELOPMENT CENTRE (IDC) ESUT ENUGU**

Courses taught:

- 1.) Database Programming

## 2.) Introduction to file Processing

### **OSISATECH POLYTECHNIQUES**

Head of Department Computer Science

Combined Administrative work with Academic work

## **Publications Re :Dr Modesta . E. Ezema**

### **A. Books**

#### **Chapters in Books**

1. **Modesta .E. Ezema ,”Storage”** in Introduction to Computer Science (2013) G.A.M .Ikekeonwu, and A.H .Eneh (edited) Immaculate Publications no 4 Aku Street, Ogui New Layout ,Enugu pg 65-91
2. **Modesta .E. Ezema “ Word Processing “** in Computer Applications (2015) G.A.M .Ikekeonwu (edited ) , University of Nigeria press Limited , University of Nigeria Nsukka .
3. **Modesta .E. Ezema”Object Oriented Design with UML in** Computer Programming (2015) M.C Okoronkwo and O.E. Oguike (edited ) , University of Nigeria Press L.td. , University of Nigeria Nsukka.

#### **Manuals**

1. **Ezema, M.E.** (2004) Computational Technique for Engineers Iyke Venture Production 15 Oji Street Uwani Enugu.
2. G.A.M .Ikekeonwu, **Modesta .E. Ezema** ,Monica .N. Agu, F.S Bakpo, O.E. Chinwuko, S.C. Echezona, G.A.M Ikekeonwu, O.E. Oguike, G.E. Okereke, M. .C.Okoronkwo ,C.N.Udeanor, C. Ugwuishiwu Introduction to Computer Science Course Manual 2<sup>nd</sup> Edition, (2015) Immaculate Publications no 4 Aku Street, Ogui New Layout ,Enugu.
3. G.A.M .Ikekeonwu and O.E. Oguike (edited ) **Modesta .E. Ezema** ,Monica .N. Agu, F.S Bakpo, O.E. Chinwuko, S.C. Echezona, G.A.M Ikekeonwu, O.E. Oguike, G.E. Okereke, M. .C.Okoronkwo ,C.N.Udeanor, C. Ugwuishiwu Computer Applications Course Manual (2015) University of Nigeria press Limited , University of Nigeria Nsukka .
4. M.C Okoronkwo and O.E. Oguike (edited ) **Modesta .E. Ezema** ,Monica .N. Agu, F.S Bakpo, O.E. Chinwuko, S.C. Echezona, G.A.M Ikekeonwu, O.E. Oguike, G.E. Okereke, M. .C.Okoronkwo , C.N.Udeanor, Obianuju .A. Ezugwu, C. Ugwuishiwu Computer Programming (2015) University of Nigeria Press L.td. , University of Nigeria Nsukka.

### **B: Journals**

1. Ugwuishiwu C.H.. Inyiama.H.C., **Ezema, M.E.** (2012). A Model of NAFDAC-Real-Time Crime Information. **Journal of Soft Computing and Engineering (IJSCE)** . ISSN 2231-2307, Vol-2 Issue-5,Nov 2012, pg 1-4 , <http://www.ijscce.org>. **impact factor 1.0** (ISI Indexed)
2. **Ezema, M.E.**, Inyiama H.C. (2012). An Assessment of Internet Abuse in Nigeria. **West African Journal of Industrial & Academic Research** ISSN:2276-9129, Vol 4 No1, pg 186-191., [www.waijaredu.com](http://www.waijaredu.com)
3. **M.E Ezema**, H.C.Inyiama.,(2013).Contemporary Malicious Code Detection-Techniques **International Journal of Engineering Research**

- and Technology (IJERT)** ISSN: 2278- 0181, Vol 2 ,Issue 10, pg 2894-2904 <http://www.ijert.org> **Impact Factor 1.76** (indexed in Google Scholar, Arxiv, ResearchGate, Scirus, getCITED and many more.)
4. [Paul .U. Chine and Modesta .E. Ezema, \(2013\) .Digital Signature Reality in Modern Businesses: African Journal of Computing & ICT Vol 6 No 4,pg 173-178, <http://www.ajocict.net> Impact factor 5.09 \(Index Copernicus\)](#)
  5. C.H. Ugwuishiwu, **M.E. Ezema** and N.G. Ugwuegbu (2013). Design and Implementation of ATM Emulator: **African Journal of Computing & ICT** Vol 6, No 4, pg. 159-166 <http://www.ajocict.net> **Impact factor 5.09 (Index Copernicus)**
  6. **Ezema, M.E,** Arinze, N.I. and Ugwuishiwu C.H. (2013). Deploying E- Commerce and its Security Challenges: The Nigerian Situation **International Journal of Engineering Research and Technology** ISSN 2278-0181, Vol. 2, Issue 11, pg. 1582-1587 <http://www.ijert.org> **Impact factor 1.76** (indexed in Google Scholar, Arxiv, ResearchGate, Scirus, getCITED and many more.)
  7. **Ezema, M. E,** Ugwuishiwu , C.H. and Chine, P.U (2014) .The Challenges of Mobile Unauthorized Access Point **International Journal of Engineering Research and Software Engineering** ISSN2277 128X, Vol 4, Issue 8, pg 460-466 <http://www.ijarsse.com> Impact factor **2.08** ( indexed by GIF)
  8. **Dr. M.E. Ezema,** Virus and Worm Control ; Tips for Safer Computing(2015) **International Journal of Scientific and Engineering Research** , ISSN2229-5518, volume 6 issue 3, pg 986-991 <http://www.ijser.org>
  9. **Modesta. E. Ezema,** Chidera.C. Ezema and Assumpta Uju Ezugwu(2015), The Importance of Cryptography Standard in Wireless Local Area Networking . **International Journal of Electronic and Communication Engineering and Technology** volume 6 issue 9, <http://www.iaeme.com/IJECET/index.asp> pg 65-74 impact factor 7.9817.
  10. [Dr. Modesta E. Ezema, Chidera. C. Ezema and Asogwa Caroline Ngozi \(2015\). An Assessment of Computer Based Transactions in Nigeria. International Journal of Computer Science Issues . Vol 12 , Issue 5. Paper no IJCSI-2015-12-5-10812. \[www.ijcsi.org\]\(http://www.ijcsi.org\)](#)
  11. **Ezema, M. E,** Elusoji A.A,and Onyejegbu L.N. Anssessment of Disk Scheduling Optimization Policies with Fuzzy-Based Approach (2016). **International Journal of Advanced Computer Science and Applications (IJACSA)** Vol 7 acceptance paper attached <http://thesai.org/Publications/IJACSA> (Thompson Reuther indexed)
  12. **Modesta E. Ezema,** and Ifeyinwa N. Nwosu Arize (2016) . Network Security and Privacy in Medium Scale Businesses in Nigeria **International Journal of Advanced Engineering Management and Science (IAEMS)** Vol 2 issue 9 pg 1484-1488 13.(Thompson

Reuther indexed) [www.ijaems.com](http://www.ijaems.com) Thomson Reuters  
 ResearcherID: [B-5254-2016](https://orcid.org/0000-0001-9111-1111) IMPACT FACTOR 3.661

13. **Modesta .E. Ezema** and Ugwu Celestine (2016) A Framework for Monitoring Blood Pressure of Patients in the Rural Area Using Internet of Things Technology journal of Theoretical and Applied Information Technology [www.jatit.org](http://www.jatit.org) (scopus indexed) acceptance letter attached) Vol 93 / Vol 94 Issues of JATIT

#### LIST OF CONFERENCES ATTENDED WITH DATES

1. Prof. H.C. Inyama and **Ezema Modesta Ero** Federal Ministry of Science and Technology Y2K Workshop . Dec 10<sup>th</sup> 1999 Hotel Presidential , Enugu **Approaches To the Y2K Problem in Developing Countries**
2. Ishiwu Nkiruka and **Ezema Modesta** International Conference on Scientific and Cultural Innovation, February 2015 at Conference Hall International Research and Development Institute Uyo Nigeria **Growth Effect of Information and Communication Technology Investment in Nigeria**
3. Elusoji Adeleke and **Ezema Modesta Ero** Computer Arithmetic Workshop , Feb 2015 at Kwara State University (KWASU) Nigeria **Data Security and Privacy in Wireless Body Area Networking Technologies in the Realm of Communication**
4. **Ezema Modesta Ero**, Alabekee ,VC, Arize Ifeyinwa ,and Nwoye CID Cryptography and Cryptosystem a Panacea to Security Risk in Wireless networking ICWCMNC2016 18<sup>th</sup> International Conference on Wireless Communications , Mobile Network and Computing October 10<sup>th</sup> -11<sup>th</sup> New York USA
5. [Modesta. E. Ezema, Christopher C. Ezema, Christian Ugwu Strategic Workplace Security: The Role of Malware and the Threat of Internal Vulnerability](#)

#### LIST OF CONFERENCES ATTENDED WITH DATES

S/N	CONFERENCE (Title, Date & Place)	PAPER READ
1.	Federal Ministry of Science and Technology Y2K Workshop . Dec 10 <sup>th</sup> 1999 Hotel Presidential , Enugu	Approaches To the Y2K Problem in Developing Countries
2.	International Conference on Scientific and cultural Innovation , February 2015 at Conference Hall International Research and Development Institute, Uyo, Nigeria.	Growth Effect of Information and Communication Technology Investment in Nigeria
3.	Computer Arithmetic Workshop , Feb 2015 at Kwara State University (KWASU) Nigeria	Data Security and Privacy in Wireless Body Area Networking Technologies in the Realm of Communication_
4.	ICWCMNC2016 18 <sup>th</sup> International Conference on Wireless Communications , Mobile Network and Computing October 10 <sup>th</sup> -11 <sup>th</sup> New York USA	Cryptography and Cryptosystem a Panacea to Security Risk in Wireless Networking
5.	ICCNS 2017 :19th International Conference on Cryptography and Network Security held in Miami, USA March, 9-10, 2017	Strategic Workplace Security: The Role of Malware and the Threat of Internal Vulnerability

#### Service to Relevant Public Bodies

1. Nigerian Women In Information Technology (**NWIIT**) State Coordinator for Enugu State July 2013 to July 2016.

2. Nigerian Women In Information Technology (NWIIT) Deputy National President July 2016. till date.
3. Chairperson, Publicity For Africa World Forum On Internet Of Things 2016 - USA Dec. 12-14 2016 Organised By IEEE
4. Local Organizing Committee Chairman on Events and Venue. Nigeria Computer Society Conference in Enugu State Building a Knowledge-Based Economy in Nigeria: The Role of Information Technology"; Held from July 23-25, 2014; Venue: Nike Lake Resort and Hotels, Enugu, Enugu State, Nigeria.

### **Service to the University Community**

1. Member ,Panel of enquiry on Students Disturbances at University of Nigeria Enugu Campus on Tuesday , June 14 th 2016.
2. Member , Panel to investigate the Management of the Publication of the Profile / Citation of Honorary Doctorate Degree Awardees and Sundry Matters associated with the organization and execution of 2016 Convocation Ceremonies of the University of Nigeria.
3. Member, Board University of Nigeria Press .
4. Member, Senate Ceremonials Committee .
5. Member, Committee of the University of Nigeria Press Limited and Bookshop.
6. Coordinator, Computer Science Service Courses, University of Nigeria .Enugu Campus. From 2013 till date.
7. Hall Warden Awolowo Hall UNN October, 2016, till date

### **Contact Address**

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