

CURRICULUM VITAE

1. **Name:** OLAJUYIGBE, Ebenezer Oluwasesan
2. **Place / Date of Birth:** Akure, 26 May, 1967
3. **Nationality:** Nigerian
4. **Present Postal Address:** Information and Communications Technology Centre (ICT),
University of Medical Sciences,
Akure, Nigeria

E-Mail Address: eolajuyigbe@unimed.edu.ng
ebenezer.olajuyigbe@gmail.com

5. Educational Institutions attended (with dates)

Primary

- i. Omolere Nursery and Primary School, Akure (1971 – 1978)

Secondary

- i. Christ School, Ado Ekiti (1978 – 1983)
ii. Oyemekun Grammar School, Akure (1983 – 1984)

Tertiary

- i. Federal University of Technology, Akure - 2013 - 2021
ii. Federal University of Technology, Akure - 2006 - 2011
iii. Federal University of Technology, Akure - 2002 - 2004
iv. Federal University of Technology, Akure - 1998 - 2000
v. Federal University of Technology, Akure - 1986 - 1991

6. Academic and Professional Qualifications (with dates)

- i. Doctor of Philosophy in Computer Science, 2021
ii. Master of Technology in Computer Science, 2011
iii. Postgraduate Diploma in Computer Science, 2004
iv. Master of Business Administration (MBA), 2003
v. Bachelor of Technology in Computer Science, 1991

7. Training / Workshops Certificates

Certificate of Achievement in Artificial Intelligence (AI) for Teaching, Research and Community Service, 2024, Virtual Institute for Capacity Building in Higher Education (VICBHE), 22 Jan. – 26 April, 2024

Certificate of Attendance on TETFund facilitated Train-the Trainer Workshop on International Certification for Digital Literacy (ICDL), E-Tech Complete Solution, 27th November - 1st December, 2023.

Practical Skills for delivering Core Curriculum and Minimum Academic Standards (CCMAS) in an online environment, Virtual Institute for Capacity Building in Higher Education (VICBHE), 14 June – 15 Aug. 2023.

Certificate of Basic Proficiency in Moodle Learning Management System, Virtual Institute for Capacity Building in Higher Education (VICBHE), 14 June – 15 Aug. 2023.

8. Award / Distinction

ICTP – TRIL Fellow (September, 2007 – September, 2008)

Abdus Salam International Centre for Theoretical Physics – Training and Research in Italian Laboratory Programme, Trieste, Italy

The fellowship was utilized at the Grid Laboratory, Software for measurement Unit, Sincrotrone, Elettra, Italy

Distinction + Practical Skills for delivering CCMAS in an online environment, Virtual Institute for Capacity Building in Higher Education (VICBHE), 14 June – 15 Aug. 2023.

Distinction Certificate of Achievement in Artificial Intelligence (AI) for Teaching, Research and Community Service, 2024, Virtual Institute for Capacity Building in Higher Education (VICBHE), 22 Jan. – 26 April, 2024

Okebokola Prize for Distinction in Project, Artificial Intelligence (AI) for Teaching, Research and Community Service, 2024, Virtual Institute for Capacity Building in Higher Education (VICBHE), 22 Jan. – 26 April, 2024

9. Membership of Professional Bodies

- i. Institute of Electrical and Electronics Engineers (IEEE), New Brunswick, NJ, USA, 2012 (Membership No: 92354475)

- ii. Information Systems Security Association (ISSA), Portland, USA, 2006 (Membership No: 3123003)
- iii. Information and Communications Professional of Nigerian Universities (ICTPRONU), Nigeria, 2007 (Membership No: 0004)
- iv. Computer Professionals (Registration Council) of Nigeria (CPN), 2010 (Membership No: 002949/2010)
- v. Nigeria Computer Society (NCS), 2010 (Membership No: 06975)

10. Present Employment, Status and Salary:

Present Employment: Information and Communications
Technology Centre (ICT),
University of Medical Sciences,
Ondo City, Ondo State, Nigeria

Status: Director

11. Statement of Experience

I. Director, Information and Communications Technology (ICT) Centre, University of Medical Sciences, Ondo City, Nigeria (February, 2016 to date)

- a. Design, Development and Maintenance of ICT structure and backbone for the specialised University to achieve effective internal governance and global excellence in comprehensive health care delivery.
 - i. Development of overall strategic direction for the successful take-off of the University as an ICT-driven institution
 - ii. Implementation of the above Strategic Plan
- b. Development and implementation of the University's Information Technology Initiatives.
- c. Development and implementation of University's ICT policies
- d. Taking the leadership role in the design and implementation of Campus Area Network
 - i. Provision of Internet Access for the University spanning four campuses
 - ii. Optimising campus bandwidth
 - iii. Networking of buildings on UNIMED campuses via cable and wireless Local Area Network (LAN)
- e. Implementing of E-Learning Management System for teaching Students of the University using Google Classroom and Moodle
- f. Setting up of E-Library and Open Educational Resources (OER) platform

- g. Development and implementation of Students Portal
- h. Design and Implementation of functional and dynamic University website
- i. Setting up e-payment platform for payment of prescribed fees for students
- j. Implementation of the following software applications:
 - Integrated students registration and results processing platform for undergraduate, graduate and conversion programmes
 - Academic transcript for undergraduate programmes
 - e-Senate
 - e-APER
 - SPARKLE Repository
- j. Setting up Video Conferencing Room for Collaboration and Recording of Lectures by Lecturers
- k. Attracted several partners and donors to the University (Google; Nigeria Communications Commission (NCC)
- l. Design and development of Telemedicine in the Health Care Sector: the UNIMED experience
- m. Development of Health Records Database System
- m. Committee Membership
 - i. Senate
 - ii. Curriculum Development
 - iii. Deans and Academic Directors
 - iv. Registration and Admissions
 - v. Accreditation
 - vi. Research and Publications
 - vii. Pre-Degree Programmes
 - viii. Open Educational Resources (OER)
 - ix. Admission Advocacy & Mobilization Committee

II. Teaching Assignment (Adjunct)

- a. Department of Health Information Management
 - HIM 227: Operating System In Health Information Management
 - HIM 313: Database Construction And Management In Health Information Management
 - HIM 411: Introduction to Information Technology
 - HIM 412: Organisational Information Security
 - HIM 421: Data Communication & Telecommunications Networking

HIM 431: Data Structures

HIM 817: Computer Application in Health Information Management
(HIM) Systems

- b. Department of Computer Science
 - CSC 315: Computer Architecture And Organisation
 - CSC 416: Human Computer Interface
 - CSC 422: Computer System Performance Evaluation
- c. Department of Health Law and Policy
 - HEI 816: Project Economy and Internet of Things (IoT)

II. Associate Director, Customer relations, Internet Services and Training Development, Computer Resource Centre, FUTA (June 2011 to January 2016)

a. Oversees the administration of the Customer relations unit / user support unit of CRC through the following activities:

- promoting customer care
- helping users (Staff, students and clients) resolve their queries on a daily basis
- developing rapport with CRC clients, being responsive and timely in problem resolution and displaying caring attitude
- giving relevant and appropriate information to client / users through the publication of FUTA CRC NEWS and other appropriate information media
- updating customers' requests so as to meet these needs
- initiating conversation with clients to uncover their needs via meeting both formally and informally.

b. In-charge of Business Centre and Oversees

- provisioning of close range of computing services to users such as photocopying, printing, scanning, laminating etc of documents
- sales of accessories (LAN cables, CDS, Flash Drives, Laptops and Desktop Computers etc)
- printing of architectural and allied drawings on plotters
- on-line registration of examinations such as JAMB, WAEC, NECO

- on-line registration of POST-UTME of various Universities
- on-line registration of FUTA undergraduate and postgraduate students
- E-payment application

c. Oversees the administration of FUTA CRC Limited in

- consultancy services
- sourcing for IT projects from all arms of government, corporate bodies, commerce and industries and individuals in various sectors of the Nigerian economy some of these include School of Health Technology, Akure; Federal Polytechnic, Binin-Kebbi; Federal polytechnic, Ado-Ekiti;
- providing technical capabilities and professional services in computer systems engineering software engineering, database engineering, radio / wireless communications, computer hardware subsystems engineering, repair and maintenance etc.
- business solicitation: responding to expression of interests (EOI) and request for proposal (RFP) on IT and allied jobs. Some of these include School of Health Technology, Akure; Federal Polytechnic, Binin-Kebbi; Federal polytechnic, Ado-Ekiti;

d. In Charge of Internet Services on Campus

I have efficiently and effectively provided Internet Services on commercial level to the University Community and Guest who visit through;

i. CRC Operated Cyber Cafés

These cyber cafés are located in the following locations:

- CRC Building Annex I
- CRC Obaekere Annex
- CRC Building Annex II (Former University Bookshop)
- Student Union Building

ii. High-tech conducive environment for laptop users through wireless connection in the following locations

- CRC Main Building
- CRC Building Annex I
- CRC Obaekere Annex
- CRC Building Annex II (Former University Bookshop)
- Student Union Building

- Schools and Departments
 - Offices
 - Laboratory
- iii. Reliable internet access for staff and students at reasonable price

e. *In charge of training, Research and Development Unit, CRC*

I have successfully initiated coordinated and implemented series of Training and Capacity Development Programmes under which thousands of students, staff and guests within the University community, immediate environment and the federation at large have benefitted. Some of these programmes include:

- i. Certificate in Data Processing
- ii. Advanced Certificate in Data Processing
- iii. IT Capacity Development Programmes
- iv. Specialised IT Training Seminars and Workshops
- v. Regular staff development training lectures, seminars, symposia and workshops
- vi. Information Technology Training Collaboration Program (IT-TCP).
Currently, there are fifteen centre coordinated to maintain IT standard
- vii. Coordinating IT Program with institutes such as:
 - Digital Bridge Institute (DBI)
 - Niger Delta Development Commission (NDDC)
 - Education Trust Fund (ETF)
 - National Institute of Information Technology (NIIT)

Generally, I have generated millions of Naira to the University through the above mentioned (a – e) services.

f. *Campus Wide Area Networking Experience*

- Design and implementation of FUTA Wireless Local Area Networking
- Implementation of Local Area Networking in School of Agriculture and Agricultural Technology (SAAT), FUTA
- Implementation of Local Area Networking in School of Sciences, (SOS), FUTA
- Implementation of Local Area Networking in WASCAL Temporary office, CEGISTBuilding, FUTA

- Design and Implementation of Network using LINUX Operating System
- Configuration of servers

g. Administration Experience

In addition to my above experiences and exposure, I have had the opportunity to act for the Acting Director, CRC in several capacities. Some include:

- School of Postgraduate Studies Board meetings
- CRC Budget Defense
- Appointments and Promotions Committee Meeting (Admin and Professionals)
- Appointments and Promotions Committee Meeting (Junior)
- Writing of memoranda on several issues to management, Directors, Units, Schools and Departments
- Evaluating proposal by vendors
- Scheduling meeting with vendors above to defend their proposals.

h. Taking delivery of equipment

Equipment has been received on behalf of the Centre for use of the University.

i. Chairman, CRC Budget Committee

I have chaired the CRC Budget Committee in articulating the needs of the Centre for Management's attention.

j. Programming Languages Proficiency

Jython, Python, Script, Visual Basic, PHP, MySQL, C++, FORTRAN, PARADOX RDBMS, COBOL

k. Application Packages Proficiency

Ferret, MSOffice Suites, CorelDraw, Adobe Page Maker, PhotoPaint

l. Implementation of Open Source Packages

The following packages have been used to implement some solutions in their various fields. These include:

- **Joomla** for content and Website development

- **e-Prints and dSpace** for archiving of scientific articles
- Open Journal Systems (**OJS**) for archiving Journal articles and Conference proceedings
- Integrated Digital Conferencing (**INDICO**) for Digital Conferencing at Sincrotrone Elettra, Trieste, Italy

m. Operating Systems Proficiency

- **Linux** Operating System with various distributions
- **Unix** Operating System
- **Macintosh** Operating System
- Disk Operating System (**DOS**)
- Personal Computer - Modular Operating System (**PC-MOS**)

III. *Technical officer, Graduate Research Program on West African Climate System GRP-WACS, FUTA (December to date) Part-Time Basis*

My activities in this program include:

- Procurement of desktop (3-Dell) and laptop (1-HP) computer systems, printers (color (1-HP) and black (1-HP)), photocopier machine (1), 5000 lumens internet projector (1) and digital projector screen (1)
- Installation of desktop and laptop computer systems, printers (colour and black) and 5000 lumens internet projector.
- Installation of LINUX Operating System software
- Maintenance of computer machines and software
- Provision of Internet Access in GRP-WACS temporary office at CEGIST building
- Management and ensuring reliable and efficient internet facilities for students and staff
- Provided Network connectivity to Computing Cluster in the Department of Meteorology, FUTA
- Assisted students and staff if the programme in solving internet and computing problems
- Designed state of heart Web conferencing infrastructure for the GRP

IV. *Chief Systems Programmer and Head, Training, Research and Development Unit, Computer Resource Centre, FUTA (October 2008 to 2011)*

As the Head, Training, Research and Development

My experiences during these periods are not limited to the following:

- a. Policy and curriculum development of Information Technology (IT)
- b. Implementation of the IT training programmes mentioned above
- c. Initiating, organising and implementing IT training programmes both within and outside FUTA. Some include:
 - Internet Based IT Training for Physical Planning Unit
 - Internet Based AUTO-CAD Training for Students
 - IT Training on LaTeX Typesetting System
 - Programming with Visual Basic and Programming Skills
 - Certificate and Advanced Certificate in Data Processing
 - Certificate and Advanced Certificate in Computer Hardware and Computer Networking
- d. Design and Implementation of IT Training Collaboration Programme Initiative (IT-TCP) with computing firms outside FUTA. This is with the aim of standardising computing practice in the society.

Substantial funds were generated from these training programmes for the University.

As Team Leader, Software Engineering Unit

The following services were carried out:

- a. Installation and Configuration of 10 Node Computer Cluster for Meteorology Department, FUTA
- b. Design and Analysis of Software Application for Bursary Department, Federal University of Technology, Akure

Administrative Experience

I acted for the Director, Computer Resource Centre, FUTA in the following capacities:

- i. Preparation and Delivery of Public lecture at Orientation of Undergraduate Students Jan. 2010: "Awareness of ICT Infrastructure on the Campus"
- ii. 2009/2010 Admissions Committee
- iii. Chairman, CRC Budget Committee (2009)
- iv. Secretary, CRC, Direct Teaching and Laboratory Cost (DTLC) Committee

V. ***Principal Systems Programmer and Head, Training, Research and Development Unit, Computer Resource Centre, FUTA (October 2005 - September, 2008)***

As the Head, Training, Research and Development

I carried out the following activities:

- a. Policy and curriculum development of Information Technology (IT) training programmes in CRC
- b. Implementation of the IT training programmes mentioned above
- c. Initiating, organising and implementing IT training programmes both within and outside FUTA. Some include:
 - Internet Based ICT Training for FUTA Professors
 - Internet Based ICT Training for Administrators in FUTA
 - Internet Based ICT Training for FUTA Women in Academics
 - Internet Based ICT Training for FUTA Secondary School Staff
 - Internet Based AUTO-CAD Training for Students
 - LINUX Operating system Beginner's Course and Networking with LINUX OS
 - Programming with Visual Basic and Programming Skills
 - Certificate and Advanced Certificate in Data Processing
 - Certificate and Advanced Certificate in Computer Hardware and Computer Networking
- d. Design and implementation of IT Training Collaboration Programme Initiative (IT-TCP) with computing firms outside FUTA.
This is the aim of Standardising computing practice in the society.
Substantial Funds were generated from these training programmes for the University.
- e. Coordinating the information Security Initiative (ISI) Group, FUTA
- f. Coordinating the LINUX User Group (LUG), FUTA
Funds were generated for the University through most of these training programmes.

As Team Leader, Software Engineering Unit

I carried out the following activities:

- a. the analysis, design and implementation of FUTA Campus Portal
- b. documentation of (a) above
- c. Implementation of electronic marking of examination using OMR from answer paper design to marks delivery. These were carried out for the following units in FUTA:

- Centre for Continuing Education Examinations
 - Post Joint Admission and Matriculation Board Examination
- d. populating of FUTA website with information
- e. scientific application porting to the Grid Infrastructures.
(Applications already ported: Elegant, ASTRA, GENESIS, Impact, Pollution Transport). This was part of the experience acquired during my TRIL fellowship in Italy.
- <http://lights-vcr.grid.elettra.trieste.it>
<http://ulisse.elettra.trieste.it/uos>

Administrative Experience

I have acted for the Director, Computer Resource Centre, FUTA in the following capacities:

- i. Interview Panel for senior staff
- ii. Management Advisory Committee (MAC) meeting
- iii. School of Postgraduate Studies Board Meetings
- iv. Meetings of Heads of Federal Parastatals in Ondo State
- v. CRC committee and departmental meetings

VI. *Senior systems Programmer and Head, Training, Research and Development Unit, Computer Resource Centre, FUTA (October 2001 - 2005)*

Projects I handled during these period under review include:

- a. Development of Personnel Database System for Federal University of Technology, Akure, Nigeria.
- b. Statistical Analyses of undergraduate and graduate research work using Statistical Package for Social Sciences (SPSS)
- c. Graphical representation of analysed data
- d. Computing Programing assistance to staff and students on various aspect of their research work.
- e. Computer Training to prepare students for Certificate and Advanced Certificate in Data Processing
- f. Training of FUTA secretaries, clerical officer and supervisors in Microsoft Office suites to enhance their work schedule and productivity.

VII. *Systems Programmer I (October 1998 - 2001)*

Software analyses, design, development and implementation of numerous applications and projects. These include:

- a. Payroll Database System for Federal University of Technology, Akure, Nigeria.
- b. Statistical Analyses of undergraduate and graduate research work using Statistical Package for Social Sciences (SPSS)
- c. Computer Training and Manpower Development
- d. Supervision of Practical classes of IMC 241 and IMC 242 (Introduction to Computer Science I & II – University courses) for about 1000 students
- e. Software design, development, implementation and maintenance for graduate and undergraduate students in their research work.
- f. Supervision of Equipment delivery

VIII. *Systems Programmer II (1993 - 1998)*

Software analyses, design, development and implementation of numerous applications and projects. These include:

- a. Library Automation System for Federal University of Technology, Akure, Nigeria.
- b. Students Examination Database for Federal University of Technology, Akure, Nigeria.
- c. Value Added Tax Database for Federal Inland Revenue, Lagos, Nigeria.
- d. Payroll Database System for Federal University of Technology, Akure, Nigeria.
- e. Stock Control Database Application System for Ministry of Works, Akure, Nigeria.
- f. Statistical Analyses of Undergraduate and Graduate Projects
- g. Computer Training and Manpower Development
- h. Supervision of Practical classes of IMC 241 and IMC 242 (Introduction to Computer Science I & II – University courses)
- i. Payroll System for Federal University of Technology, Akure, Nigeria (COBOL version)
- j. Assisting undergraduates, graduate students and staff of the University on software design, development, implementation and maintenance.
- k. Supervision of Equipment delivery

**IX. *Computer Science Teacher (January - October 1992, NYSC Scheme)*
*Federal Government College, Gboko, Benue State***

- a. I pioneered the setting up of the computer centre of the college
- b. Organised the commissioning of Computer Education Programme in the college

- c. Taught Computer Science in the College and
- d. Set up a viable computer science club for the students to enhance their interest in computing

X. System Programmer, Computer & Allied Services, ObafemiAwolowo Way, Ikeja, Lagos (April - September 1990)

I was involved in

- a. Software development of application: these include
 - i. Students Record Database for Adebayo Mokuolu Secondary School, Anthony Village, Lagos.
 - ii. Personnel Record Database for West Africa's Prison Outreach
- b. Training of students and executive workers in different aspects of computing for certificate programmes such as IDPM Certificates and the Company Certificate.

12. List of publications

Adejumo O., Ntoimo L., Odimayo M., Adebimpe W., Okiei B., Osungbemi W., **Olajuyigbe E.**, Igbafe K., Temitayo-Oboh A., Faboya T., Oludiran O and Okonofua F. (2021): Experience of Gender-based violence by Internally Displaced Women in Souther Nigeria: A Cross-sectional Study, Sage, Vol. 37, Issue 15 - 16,
<https://journals.sagepub.com/doi/pdf/10.1177/08862605211001464>

Odumayo, M., Adebimpe, W., Jeff-Agboola, Y., Oyeyemi, O., Okiei, B., Adejumo, O., Osungbemi, B., **Olajuyigbe, E.**, Igbafe, K., Temitayo-Oboh, A., Faboya, T., Oludiran, M., Ntoimo, L., and Okonofua, F., (2020): Screening, Vaccination and Referrals as Viral Hepatitis Elimination Triad Among Internally Displaced Persons in Edo State, Nigeria, *Clinical Liver Disease*, 16(5), p. 218 - 222
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7727849/>

13. Theses

Olajuyigbe, E.O. (2020): "Development of Hybrid Model for Job Scheduling and Resource Allocation in Computational Clusters" Doctor of Philosophy (PhD) in Computer Science, Federal University of Technology, Akure, Nigeria, Thesis.

Olajuyigbe, E.O. (2011): "Implementation of a Grid-based Dust Pollution Transport Model" Master of Technology (M.Tech.) in Computer Science, Federal University of Technology, Akure, Nigeria, Thesis.

Olajuyigbe, E.O. (2004): "Software implementation of substitution Cipher", Postgraduate Diploma in Computer Science (PGDCS), Federal University of Technology, Akure, Nigeria, Thesis.

Olajuyigbe, E.O. (2000): "Application of Inventory Control to Efficient Management in Cocoa Processing: The Case study of Cooperative Cocoa Product Limited, Akure." Master of Business Administration (MBA), Federal University of Technology, Akure, Nigeria, Thesis.

Olajuyigbe, E.O. (1991): Implementation of Library Software Database, Bachelor of Technology, Federal University of Technology, Akure, Nigeria, Thesis.

Papers Delivered at Conferences / Workshop

Olajuyigbe, E.O. (2024): AI in Education: Prospects and Challenges, International Conference on Artificial Intelligence (AI) in Teaching, Learning and Research, (Lead Paper Presentation)

Olajuyigbe, E.O. (2023): "Information and Communications Technology (ICT): An Effective Method for Learning and Academic Development, Orientation programme for UNIMED newly admitted students, 31st October.

Olajuyigbe, E.O. (2023): "Role of Information and Communications Technology (ICT) | Modern Medical Practice" Lecture delivered at 400 Level Introductory Clinical Posting, 12th April.

Olajuyigbe, E.O. (2022): "Role of Information and Communications Technology (ICT) | Modern Medical Practice" Lecture delivered at 400 Level Introductory Clinical Posting, 18th May.

Olajuyigbe, E.O. (2022): "Enhancing Your Visibility With Information and Communications Technology (ICT)", Lecture delivered at Retreat of Organisation of Women in Science in Developing World (OWSD), 2nd May.

Olajuyigbe, E.O. (2010):“Awareness of ICT infrastructure on the Campus”, Public lecture at orientation programme for FUTA Undergraduate students, Jan.

Olajuyigbe, E.O. (2008): Open Access Repository with subversion (SVN), Open Access Models for Scientific Dissemination, Abdus Salam International Centre for Theoretical Physics, Trieste, Italy, 7 – 16 July (Oral Presentation)

Olajuyigbe, E.O. and Omofaye, J. O. (2005): Design and Implementation of Campus Portal: Case Study of Federal University of Technology, Akure, Nigeria, Workshop on Web Enabling Technologies and Strategies for Scientific e-learning, Abdus Salam International Centre for Theoretical Physics, Trieste, Italy, 6 – 12 November (Oral Presentation).

14. Extra-curricular Activities

Within the University

Acting Chaplain, Chapel of Christ, UNIMED

Outside the University

- a. Technical Advisor, Joint Admission and Matriculation Board (2017 to date)
- b. Secretary, The Cathedral Light, St. David’s Cathedral, Ijomu, Akure (1999 to date)

Generally,

Singing, making friends and counselling

15. Names and Addresses of three Referees:

Prof. Adesegun Fatusi

Obafemi Awolowo University

Ile-Ife

adesegunfatusi@gmail.com

07031819773

Prof. Boniface Kayode Alese

Dean, School of Computing

Federal University of Technology,

Akure, Nigeria.

bkalese@futa.edu.ng

08034540465

Prof. Olumide Sunday Adewale

School of Computing
Federal University of Technology,
Akure, Nigeria.
adewale@futa.edu.ng
08033616386