C U R R I C U L U M   V I T A E

NAME: ENGR. OJO JAYEOLA **_ADARAMOLA_**

DATE OF BIRTH: 4TH JANUARY, 1977

SEX: MALE

STATE OF ORIGIN: ONDO

LOCAL GOVT. AREA: AKOKO SOUTH-EAST

NATIONALITY: NIGERIAN

MARITAL STATUS: MARRIED

NO. OF CHILDREN: THREE

RELIGION: CHRISTIANITY

POSTAL ADDRESS: COMPUTER ENGINEERING DEPARTMENT, THE FEDERAL POLYTECHNIC, P.M.B. 50, ILARO, OGUN STATE, NIGERIA

PERMANENT HOME ADDRESS: SACRED HEART VILLA, ADEYEMI STREET, ILARO, OGUN STATE, NIGERIA.

E-MAIL ADRESS: ojo.adaramola@federalpolyilaro.edu.ng, or ojojayeolaadaramola@gmail.com

PHONE NO: +234-7033653334 & 7032730955

PRESENT POSITION: *CHIEF TECHNOLOGIST*

DATE OF LAST

PROMOTION: *JANUARY 2020.*

INSTITUTIONS ATTENDED WITH DATES:

1. LAGOS STATE UNIVERSITY, LAGOS — 2012-2014
2. UNIVERSITY OF GREENWICH, LONDON — 2015-2016
3. LAGOS STATE UNIVERSITY, LAGOS — 2007-2009
4. DYNAMIC COMPUTER COLLEGE, LAGOS — MARCH-SEPT 2003
5. KWARA STATE POLYTECHNIC, ILORIN — 1999-2001
6. FEDERAL POLYTECHNIC, ILARO — 1995-1997

7.   BABOKO COMMUNITY SECONDARY, ILORIN   1987-1993

ACADEMIC QUALIFICATIONS WITH DATES:

1.   M.Sc. ELECTRONICS AND COMPUTER ENGINEERING-2017

2.   M.Sc. COMPUTER SYSTEMS AND NETWORK ENGINEERING -2016

3.   POSTGRADUATE DIPLOMA (PGD) IN ELECTRONICS AND COMPUTER ENGINEERING – 2011

4.   DIPLOMA IN COMPUTER AND NETWORKING ENGINEERING – 2003

5.   HIGHER NATIONAL DIPLOMA (HND) IN ELECTRONICS AND TELECOMMUNICATION ENGINEERING – 2002

6.   ORDINARY NATIONAL DIPLOMA (ND) IN ELECTRICAL AND ELECTRONICS ENGINEERING (LOWER CREDIT)- FEB 1998

7.   W.A.S.C

PROFESSIONAL QUALIFICATIONS

1. *Member*: The Nigerian Institution of Professional Engineers and Scientists *(**NIPES**)*. *ID: 2020/0122*

2. *Member:* Council for the Regulation of Engineering in Nigeria *(**COREN**).*
    ID: R52442

3. *Member:* International Association of Engineers *(**IAENG**)*. *ID: 186130*

4. *Corporate Member:* The Nigerian Society of Engineering Technicians *(**NISET**).*
    ID: NISET/2391T/14

5. *Member: International Computer Science and Engineering Society (**ICSES**).*
    ID: #92

6. *Member*: The Society of Digital Information and Wireless Communication *(**SDIWC**)*. *ID: 17375*

WORKING EXPERIENCE:

TRAINEE (ELECTRICAL ENGINEER)   PISCES MARINE SERVICE
                                       LIMITED, MIXED AND BAKE
                                       NIG. PLC N.P.A. WARRI

PERIOD	MARCH 1998- DEC 1998.
SYSTEM/SERVICE ENGINEER	AUTONET TECHNOLOGIES, 64 IDIMU ROAD, EGBEDA AKOWONJO, LAGOS
PERIOD	2004- 2006.
TECHNOLOGIST 1	FEDERAL POLYTECHNIC, ILARO.
PERIOD	2006-2009
SENIOR TECHNOLOGIST	FEDERAL POLYTECHNIC, ILARO.
PERIOD	2010 -2013
PRINCIPAL TECHNOLOGIST 1	FEDERAL POLYTECHNIC, ILARO.
PERIOD	2013 – 2017
ASSISTANT CHIEF TECHNOLOGIST	FEDERAL POLYTECHNIC, ILARO.
PERIOD	2017 - 2020
CHIEF TECHNOLOGIST	FEDERAL POLYTECHNIC, ILARO.
PERIOD	2020 TO DATE

PRACTICAL AREAS

1. Digital Systems and Microprocessor
2. Computer Technology
3. Computer Maintenance
4. Computer Software

RESEARCH INTEREST

1. Digital Electronics and Microprocessor
2. Computer Networking

CONFERENCES PAPERS PRESENTED WITH DATES:

1. Olasina, J. R. and **Adaramola, O. J.** (2020). Enhancing Students' Effectiveness through Online Assignment Submission Application. A Paper Presented at the

Covenant International Conference on African Development Issues (C-ICADI) 2020, Covenant University Ota, Ogun State, Nigeria

2. **Adaramola, O. J**. and Olasina, J. R. (2019). Comparative Analysis of Network Systems Based on Parametric Modeling and Simulation. A Paper Presented at the *4th National Engineering Conference on Growing the National Economy Through Technological Advancement, Engineering, Innovation and Application.* Federal Polytechnic, Ilaro

3. Olasina, J. R. and **Adaramola, O. J.** (2019). Design and Construction of Microcontroller Based Solar-Powered Automated Energy for Office Use. A Paper Presented at *an International Inter-Tertiary Multidisciplinary Conference in Collaboration with Academic Staff Union of Polytechnic (ASUP) on Technological Renaissance for Innovations and Productivity (TRIP).* Federal Polytechnic, Ilaro.

4. **Adaramola, O. J.** and Olasina, J. R. (2018). Evaluation of the Most Reliable Position Based Routing Protocols in Vehicular Ad hoc Network (VANET) for Effective Message Delivery. A Paper Presented at *the 1st International Conference and Exhibition on Technological Innovation and Global Competitiveness*. Federal Polytechnic, Ilaro.

5. Ogunyinka, O. I. Olasina, J.R., and **Adaramola, O. J**. (2015). The Challenges of Social Media on Socio-Economic Development of A Developing Nation. A Paper Presented at the *3rd National ASUP Conference (Zone C)*, Federal Polytechnic, Ilaro.

6. **Adaramola,** O. J. Alausa, D. W. S and Bankole, O. O. (2012). Electrostatic Discharge: A Destructive Factor in Computer System and Its Mitigation. A Paper Presented at the *2nd National Conference of the School of Engineering*, Federal Polytechnic, Ilaro.

7. **Adaramola,** O. J. and Taiwo, S. A. (2012). The Effects of Corrosion on Computer Components and Its Mitigation. A Paper Presented at the *2nd National Conference of the School of Engineering*, Federal Polytechnic, Ilaro.

8. Bankole, O. O. **Adaramola,** O. J. (2012). Performance Evaluation of Wireless Fidelity (Wifi) in a Learning Environment. A Paper Presented at the *2nd National Conference of the School of Engineering*, Federal Polytechnic, Ilaro.

9. Bankole, O. O. and **Adaramola,** O.J. (2010). Proper Utilization and Optimization of Computer System's Resources in Hardware and Software Laboratory-An Impetus for Conduct of Practical for Students. A Paper Presented at the *1st National Conference of the School of Engineering*, Federal Polytechnic, Ilaro.

10. Ajagbe, E. O., Bankole, O. O**.** and **Adaramola,** O. J. (2009). Power and Cooling Optimization in Existing Nigeria Data Center (ICT) for Economic Growth. A

Paper Presented at the *1st Annual National Conference of the School of Applied Science*, Federal Polytechnic, Ilaro.

JOURNALS PUBLISHED WITH DATES:

1. **Adaramola, O. J.** and Olasina, J. R. (2020). Modeling of Heterogeneous WLAN Based on Traffic Application. *International Journal of Scientific Research in Computer Science and Engineering*, *(IJSRCSE),* 8(3), 34-38.

2. **Adaramola, O. J.** and Olasina, J. R. (2020). Network Model Analysis in OPNET Simulation, *International Journal of Engineering Applied Sciences and Technology (IJEAST),* 5(1), 47-51.

3. Ajibodu F.A and **Adaramola. O. J.** (2020). Reducing Fault Response Time of Power Supply Distribution in Developing Nation, *American Journal of Engineering Research (AJER)*, 9(5), 106-111.

4. **Adaramola, O. J**. (2018). Performance Evaluation of Vehicular Ad-hoc Network (VANET) Routing Protocols for Efficient Message Delivery in City Environment, *Journal of Advances in Computer Engineering and Technology (JACET),* 4(3) 41-50

5. **Adaramola, O. J.** and Olasina, J. R. (2018). Determination of Most Efficient Routing Protocol in Vehicular Ad-hoc Network (VANET) for Highway Scenario Using the Simulation Approach, *International Journal of Advances in Computer and Electronics Engineering (IJACEE),* 3(12) 7-13.

6. **Adaramola, O. J.** and Olasina, J. R. (2018). Network Investigation and Performance Analysis of ZigBee Technology using OPNET, *Journal of Advances in Computer Engineering and Technology (JACET),* 4(4) 209-218.

7. **Adaramola** O. J. Okoye, C.U. and Bankole, O. O. (2010). Maintenance of Computer Systems for Sustainable Activities in the Laboratories and Workshop. International Journal of Physical Science, 2(5).

8. Okoye, C. U. Taiwo, S. A. and **Adaramola,** O. J. (2007). "Practical Improvisation, Student Involvement": A Case Study of the Department of Computer Engineering, the Federal Polytechnic, Ilaro. *Journal of Engineering Science and Technology*. 2 (4).

TEXTBOOK ALREADY PUBLISHED

1. **Adaramola, O. J.** & Eze B.E (2020). Introduction to Digital Electronics. 1st Edition,

Published by OLAS Publishing Press Lagos.

2. Iro-Idoro, C. B. **Adaramola, O. J.** Enehizena, A. O. Jimoh, T. A. and
   Jimoh I. B. (2017). Advanced Desktop Publishing, 1st Edition, Published by OLAS Publishing Press Lagos.

3. Iro-Idoro, C. B. **Adaramola, O. J.** and Jimoh, T. A. (2017). Introduction to ICT Office Application I & II, Standardized Revised Edition, 3rd Edition, Published by OLAS Publishing Press, Lagos.

4. Owodolu et al., (2013). Basic Principles and Useful Information for Becoming a Successful Entrepreneur for Vocational and Tertiary Institutions. Vol 2, Pp 336-355

5. Iro-Idoro, C. B., **Adaramola, O. J.** & Jimoh , T.A. (2010). Introduction to ICT

   Office   Application I, 1st Edition, Published by OLAS Publishing Press, Lagos. 187 + vii

UNPUBLISHED RESEARCH WORK:

1. **Adaramola,** O. J. (1997). Construction of an Aerial (Antenna) – Unpublished Dissertation Submitted in Partial Fulfillment for the Award of National Diploma (ND) Electrical/Electronic Engineering, Federal Polytechnic, Ilaro.

2. **Adaramola**, O.J. (2001). Construction of 1.5KVA Voltage Stabilizer – Unpublished Dissertation Submitted in Partial Fulfillment for the Award of Higher National Diploma (HND) Electronics/Telecommunication Engineering, Kwara State Polytechnic, Ilorin.

3. **Adaramola**, O. J. (2009). Design and Construction of a Micro Controller Based Wireless Radio Frequency Security Robot with Bullet Firing Device, – Unpublished Dissertation Submitted in Partial Fulfillment for the Award of Postgraduate Diploma (PGD) Electronics/Computer Engineering, Lagos State University, Lagos.

4. **Adaramola**, O. J. (2016). Efficient Routing Algorithms in Vehicular Ad hoc Network (VANET) for Delivery of Safety and Routing Message- Unpublished Dissertation Submitted in Partial Fulfillment for the Award of Master of Science (M.Sc) Computer Systems and Network Engineering, University of Greenwich, London.

RESEARCH WORK COMPLETED

1. The Second Phase of **World Bank STEP-B Project**. "Upgrade of ICT Centre Infrastructure for Curriculum Delivery"- With Introduction of Optic Fiber for Signal Reception, 2013.*(Team Member)*

2.   The First Phase of **World Bank STEP-B Project**. "Upgrade of ICT Centre Infrastructure for Curriculum Delivery", 2009. *(Team Member)*

CONFERENCE/WORKSHOPS/SEMINAR ATTENDED WITH DATES

1. Training on the ICDL Modules; Advanced Word Processing, Advanced Spreadsheets, Advanced Databases, Advanced Presentation. Sponsored by Tertiary Education Trust Fund (TETFUND) at the Federal Polytechnic Ilaro (6th-10th Jan, 2020)

2. A One Day Seminar/Workshop Organised for Cooperative Societies and Unions. Theme: Cooperative Integration for Efficient Service Delivery: A Panacea to Promote Business Diversification (24th November, 2018)

3. A One Day Training on Netpreneurship, Corporate Ethics Skills, Negotiation/Job Interview Skills, Entrepreneurship and Human Relations Skills. Organized by MegaRich Consults and Networks LTD at Multipurpose Hall, Federal Polytechnic, Ilaro, Ogun State (17th November, 2018)

4. Workshop on: Visual Basic.Net, C#, and Matlab Organized by XENIT Centre for Information Technology Limited. Held at Federal Polytechnic, Ilaro, Ogun State (March 19th -30th, 2018)

5. Workshop on Embedded System/Instrumentation Organised by Lenhz Technologies Held at Federal Polytechnic, Ilaro, Ogun State (September 19th – October 13th, 2017)

6. Change: "Agent of Revamping Cooperative Economy in Ogun State" A Three Days Seminar Organised by Ogun State Co-Operative Federation Ltd. (OGSCOFED). Held at Multipurpose Hall, Federal Polytechnic. (2nd-4th Nov., 2014)

7. National Seminar on E-Payments as Aids Towards Achieving the Aims and Objectives of Cooperative Societies in Nigeria Organised by Bablink Consultancy Services, Conference Centre, University of Ibadan (U.I). (9th-10th Dec., 2013)

8. Fire Prevention/Fire Fighting: A One Day Workshop Organized by the Federal Polytechnic, Ilaro in Conjunction with Safety Consults. Held at Multipurpose Hall, Federal Polytechnic. (12th Dec., 2012)

9. Strategies for Promotion of Sustainable Technology-Based and Production – Driven. National Nigerian society of Engineering Conference/Annual General Meeting (AGM) "Harmony 2012" Held at Government House Banquet Hall, Ilorin Kwara State. (3rd- 7th Dec., 2012)

10. Upgrading Infrastructure at the ICT Centre and Computer Studio for Video Conferencing and Curriculum Delivery. (23rd-27th July, 2012).

11. Writing Laboratory Manual in Electrical/Electronics and Computer Engineering. (30th July- 3rd Aug 2012).

12. Train-The-Trainers workshop on the Teaching of Entrepreneurial Skills. Organized by the Entrepreneurship Development Centre. The Federal Polytechnic Ilaro. (14th-16th Feb, 2012) at NBTE/UNESCO Training Centre.

13. A-Day Seminar on the Challenges of Cooperative Investment as a Tool for Economic Development and Empowerment of Members. (26th May, 2011)

14. AutoCAD Training (2D) (13th Oct-24th Oct, 2008).

15. MDGs Workshop on Teaching and Practical Skills for Implementation of Revised NBTE Curriculum In Applied Sciences, Engineering and Management. (26th-28 Nov, 2008).

16. MDGs Workshop for Teacher on Writing Skills for Journal Publication and Conference Paper Presentation- Organized by Federal Ministry of Education in Conjunction with Poly-Consult and Industrial Services Ltd. of Federal Polytechnic, Ilaro, Ogun State. (Sept. 24th -26th, 2008).

17. Advanced Digital Appreciation Program-Tertiary (ADAPT) Training Organized – by NCC in Collaboration with Digital Bridge Institute held at Ladoke Akintola University, (27th Nov –1st Dec, 2006).

ADMINISTRATIVE/ LEADERSHIP POSITIONS:

1. Member, Equipment Repair Committee, Federal Polytechnic Ilaro, Ogun State. (2019- Till Date)

2. Member, Abstract Committee on 4th, National Engineering Conference (2019)

3. Network Administrator, E-Library Centre, Federal Polytechnic Ilaro, Ogun State (2016- Till Date)

4. Computer Engineering Departmental Examinations Officer (DEO), Federal Polytechnic Ilaro. (2017- 2020)

5. ICT Coordinator, ICT Centre, Federal Polytechnic Ilaro, Ogun State. (Feb 2015 – Sept. 2015)

6. Secretary, Maintenance and Management Committee, School of Engineering. (2012 -2015)

7. Member, Examination Committee (2007 to 2015)

8. Member, Abstract Committee on 2nd National Conference of School of Engineering (2012)

9. Member, Venue Committee on 2nd National Conference of School of Engineering (2012)

10. Member, School of Engineering Conference Development Monitoring Committee (2010)

11. Departmental SIWES Coordinator (2010 -2015)

12. Departmental Welfare Officer (2008 -2015)

PROJECTS UNDERTAKEN

1. Design and Construction of Talking Walking Stick for Blind Using GPS -2019

2. Design and Implementation of Security Surveillance Using IP Camera on Android Mobile Phone -2019

3. Design and Implementation of a 5KVA Solar Power Inverter -2019

4. Design and construction of Multifunctional Display System Using LED Dot Matrix -2019

5. Design and Construction of Wireless Finger Print Attendance Management System -2018

6. Design and Construction of Object Counting Conveyor Belt -2018

7. Design and Construction of an Integrated Pigeon Hole System -2018

8. Online Assignment Submission with Plagiarism Checking -2018

9. Design and Construction of Energy Meter Using PIC -2018

10. Design and Construction of Voice Activated Security Door System -2018

11. Design and Implementation of Household Gas Monitoring System Based on Zigbee + GPRS Communications -2017

12. The Design of Building Fire Monitoring System Based on Zigbee-Wifi Networks -2017

13. Design and Construction of a Door Finger Print Biometric -2015

14. GSM Based Intelligent Irrigation Water Controlling System -2015

15. Design of Digital Object Counter -2015

16. Design and Construction of E-Message Digital Notice Board -2014

17. Implementation of Wireless Network in the Department of Computer Engineering -2014

18. Design and Construction of Electronic Watering Can Irrigation System for Agriculture -2013

19. Design and Construction of Basic Gates Demonstration Platform -2012

20. Design and Construction of a Digital Substitution Board. -2012

21. Design and Construction of Electronic Code Lock -2012

22. Design and Construction of Burglary security Alarm System -2012

23. Design and Construction of 1.2KVA Backup UPS -2012

24. Construction, Installation and Testing of 1KVA Voltage Stabilizer -2011

25. Construction and Testing 1KVA Inverter. (2010)

26. Construction and Testing Digital Variable Power supply -2010

27. Construction and Testing Signal Generator -2010

PRACTICAL MANUALS DEVELOPED

1. Introduction to Digital Electronics -COM112 (NDI) – 2019

2. Computer Technology –CTE 410 (HND II) -2019

3. Digital Computer Fundamental II –CTE 213 (ND II) – 2018

4. Computer Hardware System Design –CTE 321 (HND I) –APRIL 2017

5. Introduction to Computer Networking -CTE 114 (ND I) -2016

6. Fiber Optics Fundamental – CTE 316 (HND 1)- 2015

COMMUNITY SERVICE

1. Member, School of Engineering on Technological Innovations and Research Development (2020- Till Date)

2. Member, Nigerian Society of Engineering, Ilaro Chapter, (2018- Till Date)

3. Centre Technical Staff for Joint Admission and Matriculation Board (JAMB) Examinations, Federal Polytechnic Ilaro ICT Centre. (2017- Till Date)

4. Centre Administrator for Joint Admission and Matriculation Board (JAMB) Exams, Federal Polytechnic Ilaro ICT Centre. (March 2015)

5. Representative School of Engineering, Staff Cooperative Investment & Credit Society Limited (CICS), Federal Polytechnic Ilaro, Ogun State.(2013-2015)

6. Secretary, Building Committee of the Mountain of Fire and Miracle Centre. Ilaro Branch.

7. Member, Electricity Committee of Adeyemi Street, Orita Ilaro.

EXTRA CURRICULAR ACTIVITIES: READING, TRAVELING, TABLE TENNIS AND LISTENING TO MUSIC

REFEREES:

1.   **DR. (MRS.) C. B. IRO - IDORO**
     DEAN SCHOOL OF COMMUNICATION AND
     INFORMATION TECHNOLOGY,
     FEDERAL POLYTECHNIC, ILARO,
     OGUN STATE, NIGERIA.
     TEL: +2348037133216
     EMAIL: charlotte.iroidoro@federalpolyilaro.edu.ng

2.   **DR. (MRS.) J. SOYEMI**
     DIRECTOR OF INFORMATION AND
     COMMUNICATION TECHNOLOGY (ICT),
     FEDERAL POLYTECHNIC, ILARO,
     OGUN STATE, NIGERIA.
     TEL: +2348052848284
     EMAIL: jumoke.soyemi@federalpolyilaro.edu.ng

3.   **ENGR. (DR.) O.P. AIYELABOWO**
     HEAD OF ELECTRICAL/ELECTRONIC ENGINEERING DEPARTMENT,
     THE FEDERAL POLYTECHNIC ILARO,
     OGUN STATE, NIGERIA.
     TEL: +2347057860954
     EMAIL: peter.aiyelabowo@federalpolyilaro.edu.ng