CURRICULUM VITAE

(i) NAME: BELLO Olalekan (PhD)

(ii) DATE AND PLACE OF BIRTH: April 17th 1965 and Oshogbo

(iii) STATE OF ORIGIN AND LOCAL GOVERNMENT: Osun and Oshogbo

(iv) NATIONALITY AND HOW ACQUIRED: Nigerian and by birth

(v) MARITAL STATUS: Married

(vi) NUMBER OF CHILDREN AND AGES: Three and 32, 28. and 26 years

(vii) CURRENT POSTAL ADDRESS: Department of Computer Engineering, School of Engineering, Yaba College of Technology, P.m.b 2011, Yaba, Lagos, Nigeria.
Phone no: +2348168864021; Emails: olalekan.bello@yabatech.edu.ng, lekkibel@yahoo.com , lekkibel@gmail.com

(viii) EDUCATIONAL INSTITUTIONS ATTENDED WITH DATES

University of Malaysia, Kota Samarahan, Sarawak, Malaysia	2013 – 2016
Ladoke Akintola University of Technology, Ogbomoso, Oyo State, Nigeria	2005 – 2009
Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria	1983 –1988
Moslem Council College, Babaloma, Kwara State, Nigeria	1978 – 1983

(ix) ACADEMIC AND PROFESIONAL QUALIFICATIONS WITH DATES

Ph.D. (Electronics Engineering)	2016
M.Tech (Electrical & Electronics Engineering- Communications)	2009
B.Sc. Computer Engineering	1988
School Certificate Examination (WAEC)	1983

(x) MEMBERSHIP OF PROFESIONAL BODIES/ASSOCIATIONS

Registered Engineer with Council of Regulation of Engineering in Nigeria (COREN)	2009
Member Nigerian Society of Engineers (MNSE)	2005

(xi) PRESENT EMPLOYMENT AND WORKING EXPERIECE WITH DATES

Yaba College of Technology Chief Lecturer

- Lecturer, Electrical & Electronics Engineering Department 1999-2006
- Class Adviser, ND 1 Electrical & Electronics Engineering Department 2000-2002
- Examination Officer, Electrical & Electronics Engineering Department 2002 -2006
- Lecturer, Computer Engineering Department 2006- Present
- HOD, Computer Engineering Department 2008-2012
  - Managed ND1,ND2, HND1 and HND2 students both at full- and part-time programmes
  - Managed over 12 academic and non-academic staff.
  - Responsible for creating the only four laboratories and workshops in the department.
  - Supervised securing the first NBTE accreditation for ND and HND programmes.
  - Supervised graduating the first set of ND and HND graduates in the department.
- Representative of School of Engineering on College ICT network committee. 2017
- Currently an internal examination moderator for ND and HND programmes in the department.

I teach the following courses at the undergraduate level:

1. DATA COMMUNICATIONS & NETWORKING (CTE 403)
2. DIGITAL SIGNAL PROCESSING (CTE 418)
3. DIGITAL ELECTRONICS (CTE 204)
4. DIGITAL COMMUNICATION (CTE 319)
5. TELECOMMUNICATION ENGINEERING (CTE 222)
6. ELECTRICAL CIRCUIT THEORY (EEC 313)
7. MICROPROCESSOR IN CONTROL AND INSTRUMENTATION (CTE 421)
8. ARTIFICIAL INTELLIGENCE (CTE 422)
9. CONTROL SYSTEM ENGINEERING (EEC 314)
10. MOBILE AND WIRELESS COMMUNICATION (CTE 322)

(xii) PREVIOUS EMPLOYERS AND POSTS HELD WITH DATES

1. The Polytechnic, Ibadan, Nigeria Computer Studies Dept. Lecturer III 1996-1999

- Lectured a variety of courses at both ND and HND levels;
- Class Adviser, ND 1 programme.

2. Development Policy Centre, Ibadan, Nigeria. Computer Manager 1995-1996

- Managed computer centre staff;
- Monitored and maintained computer systems and network;
- Provided extensive IT support to administrative, bursary, research and library departments;
- Installed and configured computer hardware operating systems and applications;
- Resolved, diagnosed and solved network problems and relevant software faults.

3. International Institute of Tropical Agriculture, Ibadan. Systems Engineer 1990 –1994

- Developed GIS-based software for predicting plant suitability for ecological zones;
- Responsible for downloading weather data, re-formatting and analysing them;
- Installing weather data capturing equipment, interfacing and configuring them with computer;
- Troubleshooting and repairing data capturing equipment and computers;

- Providing agro-ecological information to internal stakeholders.

(xiii) TEACHING EXPERIENCE AT BELLS UNIVERSITY OF TECHNOLOGY

I taught the following courses at the Dept. of Computer Engineering, Bells University of Technology, Ota, Ogun State as an **Adjunct Senior Lecturer**, Nov. 2023-Sept. 2024 and as a substantive **Senior Lecturer** on **Sabbatical**, Oct. 2024-Sept. 2025.

1. MICROCOMPUTER ARCHITECTURE AND PROGRAMMING (CEN 407)
2. DIGITAL SYSTEM DESIGN (CEN 501)
3. INTERNET AND WE TECHNOLOGIES (CEN 502)
4. DIGITAL ELECTRONICS (CEN 308)
5. DIGITAL SIGNAL PROCESSING (CEN 519)
6. SOFTWARE DEVELOPMENT TECHNIQUES (CEN 301)

(xiv) POSTGRADUATE COURSES TAUGHT AT YABA TECH/FUTA PGD PROGRAMME (Now Defunct) WERE:

1 COMPUTER PROGRAMMING (EEE 758)
2 DATA COMMUNICATIONS (EEE 754)
3 DIGITAL SIGNAL PROCESSING (EEE 734)
4 EM WAVE (EEE 715)

(xv) OTHER PAST ACTIVITIES OUTSIDE THE CURRENT EMPLOYMENT

- Promotion Assessor, Computer Engineering Department,
  Redeemer Polytechnic, Redeemer city, Ogun State. 2021.
- External Assessor, Computer Engineering Department,
  Federal Polytechnic, Ilaro, 2016 to 2020.
- Promotion Assessor, Computer Engineering Department,
  Ibadan Polytechnic, Ibadan, Oyo State. 2016.
- Resource person on NBTE Accreditation 2009- 2016.
- External Examiner, Computer Engineering Department,
  Lagos State Polytechnic, Ikorodu, 2012 – 2013.
- Promotion Assessor, Computer Engineering Department,
  Federal Polytechnic, Offa, Kwara State. 2012.
- Contributor in the drafting of the new NBTE curriculum for both ND and HND programmes in Computer Engineering.

(xvi) JOURNAL ARTICLES PUBLISHED

O. Bello, "Low-Complexity Automatic Modulation Classification of Higher-order QAM Based on Square Modulus Extraction," JITCE, 2025, Vol. 09, No. 02, pp. 35-39.

O. Bello**,** H.O. Zen, A.K. Othman, and K.A. Hamid, "Computing Amplify-and-Forward Relay Amplification Factor to Improve Total Capacity at Destination. *American Journal of Applied Sciences*," 2015, Vol. 12 Issue 8, pp: 572-580. DOI: 10.3844/ajassp.2015.572.580. Publisher: Science Publications. U.S.A.

O. Bello**,** H.O. Zen, A.K. Othman, and K.A. Hamid, "Enhancing Relay-based Resource Allocation with Amplify-and-Forward Relaying," *WSEAS Transactions on Communications***,** 2015, Vol. 14, 2015, Art. #48, pp. 417-425. E-ISSN: 2224-2864.

O. Bello**,** H.O. Zen, A.K. Othman, and K.A. Hamid, "Utility-based Scheduling Frameworks for Efficient Quality-of-Service Differentiation in a Mixture of Real-Time and Non-Real-Time Traffics," *Journal of Computer Sciences, 2015,* Vol. 11 Issue 7, pp: 845-854, 2015. DOI: 10.3844/jcssp.2015.845.854. Publisher: Science Publications. U.S.A.

O. Bello and F.A. Adebari, "Performance Evaluation of Space-time Block Coding on MIMO Communication System using Spatial Diversity. Journal of Science & Engineering Research (IJST), 2013, Vol. 2, No. 2, pp: 197-202. ISSN: 2049-7318. IJST Publications UK.

O. Bello and F.A. Adebari, "Simulation of WiMAX 802.16e Physical Layer Model," IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE), 2013, Vol. 5, Issue 3 (Mar. –Apr. 2013), pp: 08-12. e-ISSN: 2278-1676, p-ISSN: 2320-3331, www.iosrjournals.org.

F.A. Adebari and O. Bello, "Mobile WiMAX AS A Next Generation Broadband Wireless Networks," Journal of Science & Engineering Research (IJST), 2013, Vol. 2, No. 1, pp: 77-80. ISSN: 2049-7318. IJST Publications UK.

F.A. Adebari and O. Bello, "Combined Interleaving and Square-rooting for PAPR Reduction in OFDM Systems," Journal of Science & Engineering Research, 2013, Vol. 1, No. 1, pp: 79-85. Engineering Journal, Yaba College of Technology.

O. Bello and F.A. Adebari, "Performance of Modified Square-rooting as a Peak-to-Average Power Ratio Reduction Method," Journal of Science & Engineering Research, 2012, Vol. 1, No. 2, pp: 106-116. Engineering Journal, Yaba College of Technology.

O. Bello, and Z.K. Adeyemo, "Effects of Intersymbol Interference in Mobile Digital Communication System," Journal of Engineering Science and Technology, 2012, Vol. 5 No. 1, pp: 62-66.

O. Bello and M.A. Onasanya, "Phase Rotation and Phase Modulations," Journal of Business and Educational Policies, 2009, Vol. 5 No.1, pp:157-162. ISSN: 0794-3210.

(xvii) JOURNAL ARTICLES SUBMITTED BUT NOT YET PUBLISHED

O. Bello (2025). RLS-based Adaptive Noise Cancellation with Line Noise Enhancer in Acoustic Systems. Nigerian Journal of Technological Development.

(xviii) BOOKS/THESIS AUTHORED

O. Bello and F.A. Adebari, "Data Communications and Networking," Tony Terry Prints. ISBN: 978-978-900-092-6. Book, 2012.

N.A Yekini, F.A. Adebari and O.Bello, "Data Communication & Networking," Has-fem (Nig.) Enterprises. ISBN: 978-978-948-901-5. Book, 2015.

O. Bello, "Simulation of Bit Error Rate Performances of π/4-Shifted Differential Quadrature Phase Shift Keying over Additive White Gaussian Noise and Rayleigh Fading Channels," Master Thesis. Ladoke Akintola University of Technology, Ogbomoso. Nigeria, 2009.

O. Bello, "Utility-Based Scheduling for Wireless Network using Modified Sigmoidal Function," PhD Thesis. University of Malaysia, Sarawak, Malaysia, 2016.

(xix) CONFERENCES ATTENDED AND PAPERS PRESENTED

O. Bello**,** H.O. Zen, A.K. Othman, and K.A. Hamid, "Utility Function in Broadband Wireless Network", In Proceedings of Research Trends in Engineering and Business, Post Graduate Research Colloquium, Curtins University, Miri, Sarawak, Malaysia, 2014.

O. Bello**,** H.O. Zen, A.K. Othman, and K.A. Hamid, "Efficient and Low-Complexity Scheduling Algorithm for Multi-user Heterogeneous Traffic Scenario", IEEE 12th Malaysian International Conference on Communications, Kuching, Malaysia , 23-25 November, 2015.

O. Bello**,** H.O. Zen, A.K. Othman, and K.A. Hamid. "Amplify-and-Forward Relaying to Improve Capacity and Error Rate at Destination Terminal", IEEE 12th Malaysian International Conference on Communications, Kuching, Malaysia, 23-25 November, 2015.

O. Bello and F.A. Adebari, "Adaptive PARP Reduction using Modified Square-rooting Technique," Journal of Science & Engineering Research Conference, Yaba, Lagos, Book of Abstract, 2013.

(xx) REFEREES AND THEIR ADDRESS.

1. Prof. Zachaeus Kayode ADEYEMO
   Department of Electronics and Electrical Engineering,
   Ladoke Akintola University of Technology, Ogbomoso. Nigeria
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   Department of Crop Production and Soil Science,
   Ladoke Akintola University of Technology, Ogbomoso. Nigeria
   ogkolawole@lautech.edu.ng +234 8037198801

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