

# Curriculum Vitae

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- (i) **Full Name:** ADIGUN, Johnson Oyeranmi  
(ii) **State of Origin/Local Govt.** Osun/ Ejigbo  
(iii) **Nationality & How acquired** Nigerian/Birth  
(iv) **Marital Status** Married  
(v) **Number & Age of Children** 3, Diekolola Adigun, 24yrs, DaminiOluwa, 21yrs, DebareOluwa Adigun, 12yrs  
(vi) **Current Postal Address** Department of Computer Technology, Yaba  
**Telephone number & e-mail** College of Technology. Yaba. Lagos State.  
08055317571 & ranmi.adigun@yabatech.edu.ng

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## (viii) Educational Institutions Attended with dates

- 2009 - 2015 Ladoke Akintola University of Technology, Ogbomoso, Oyo State
- 2002 - 2003 Université de Nancy 2 Nancy, France
- 1997 - 1998 University of Lagos, Lagos, Lagos State
- 1991 - 1993 University of Ilorin, Ilorin, Kwara State
- 1986 -1989 University of Ibadan, Ibadan, Oyo State
- 1983- 1986 Osun State (Oyo State) College of Education Ila Orangun

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## (ix) Academic/Professional qualifications obtained with dates

- PhD Computer Science February, 24, 2016
- DESS (MPhil.) IST- Intelligence Economics, 2003
- M.Sc. Computer Science, 1998.
- MBA 1995
- B.Sc. Computer Science, 1989
- NCE 1986

## (x) Membership of Professional Bodies

- Member of Computer Professional Council of Nigeria (MCPN)
- Member of Nigeria Computer Society (MNCS)
- Associate Member of Nigerian Institute of Management (AMNIM)

## (xi) Distinctions & Awards (with Dates):

- French Government Scholarship Award for DESS (MPhil.) 2002 - 2003
- Award of Outstanding performance by Yaba College of Technology 2012

## (xii) Teaching Experience and Administrative Positions held with dates

- a) Youth Service Corps, Kwara State Polytechnic Ilorin 1990 -1991
- b) Lecturer III, Kwara State Polytechnic Ilorin, March 1991 - December 1994
- c) Lecturer I, Yaba College of Technology, Yaba 1995 - 1998
- d) Senior Lecturer, Yaba College of Technology, Yaba 1999 - 2002
- e) Principal Lecturer, Yaba College of Technology 2002 - 2006
- f) Head, Department of Computer Science 2004- 2008.
- g) **Dean**, School of Technology Yaba College of Technology 2011-2014
- h) Acting Director, APU, Yaba College of Technology, Yaba June 23 - July 5, 2013

- i) Acting Deputy Rector (Acad), Yaba College of Technology, Yaba June 24 -26 2013
- j) Acting Deputy Rector (Admin), Yaba College of Technology, Yaba March 6 – 8, 2013
- k) Acting Deputy Rector (Admin), Yaba College of Technology, Yaba June 24 – Aug 13, 2013
- l) Facilitator, National Open University, Lagos, Nigeria 2015-date
- m) Senior Lecturer on Sabbatical Appointment: Lagos State University Ojo, Sept 3, 2018 – August 30, 2019.
- n) Chief Lecturer, Yaba College of Technology, Yaba 2007 – date
- o) Director, Centre Information Technology and Management January 20 2020 - Nov. 29, 2021

**(a) Service at the Department Level:**

- 1. **Class Adviser**, 1995- 1999
- 2. **Member**, School Examination Committee 1995 -1997
- 3. **Head**, Department of Computer Science 2004- 2008.

**(b) At the Faculty Level:**

- 1. **Dean**, School of Technology Yabatech 2011-2014
- 2. **Member**, School of Technology Board 2010 - date
- 3. **Chairman**, School of Technology Board 2011 – 2014

**(c) At Polytechnic Level:**

- 1. Member, College Academic Board, 2004-2008, 2011- date
- 2. Member, College Committee on Service Delivery Charter 2009-2010.
- 3. Chairman, College Committee on Science Vocational and Technology Educational Training Lab for Polytechnics, 2011
- 4. Chairman, School Board, School of Technology 2011-2014.
- 5. Chairman, Advisory Board to School of Technology 2011-2014
- 6. Member, Yabatech Peer Review Committee 2012-2016.
- 7. Chairman, College Investigation Committee on Improvement of Quality of Data Supplied on Staff to Pencom 2014
- 8. Member, College Science, Engineering, Technology and Innovation System (SETI) 2018
- 9. Chairman, Sub Committee on Honors, and Awards Yabatech at 70 2017.
- 10. Member, Inaugural Chief Lecturer Committee, 2012, 2018 – date
- 11. Chairman, Yabatech Network Monitoring Committee 2018 – Date
- 12. Chairman, Polytechnic ICT Policy, 2018 – date
- 13. Member, Yaba College of Technology ODFEL 2020 – date
- 14. Chairman, International Conference on Science, Technology, Engineering and Humanities (ICSTEHE, Sept. 2018) ISBN: 978-978-419-433-8: 12-19
- 15. Member, Technical Advisory Committee, TETFund Centre of Excellence in Skills, Entrepreneurship and Sustainable Development 2022

**(xiii) Academic/Scholarly Publications**

**(a) SELECTED NATIONAL &INTERNATIONAL PEER-REVIEWED JOURNAL ARTICLES**

- 1. **Adigun**, J. O. & Amos David (2005) IMEDP: A tool of Aid to the Decision problem in the Context of Business Intelligence Published at Yabatech Journal of Technology:1(1).
- 2. **Adigun**J. O & Okubote A. O (2006) Knowledge Management: Organizational Management tool using GIS at Akoka Journal of Pure & Applied Science and Education Lagos.
- 3. Aigbokhan E. E & **Adigun** J. O. (2006) Corporate Data Warehousing: A Business Performance Enhancer. Yabatech Journal of Technology, 1(2):127-143

4. Adigun, J. O. Yekini, N. A and Okubote, A. O. (2006): ICT in Education, Yabatech Journal of Technology, 1(2):172-179.
5. Rufai M, M & **Adigun**, J. O. (2010) Biometric Access and Users' Identity in Automatic Teller Machine; International Journal of Physical Science, 2(2).
6. Aigbokhan E. E, Ago KM Q, Oborkhale, L, I, Eyob, E, Adeyemi, A., Omojokun, E. and **Adigun** O.(2011) Quality service: estimating software reliability for global system for mobile communications (GSM) Funtone, International Journal of Services, Economics, and Management (IJSEM): 3(2):207-217
7. Rufai M. M, **Adigun**, J. O. and Yekini N. A. (2011) Modeling Discretionary Access Control in Automatic Teller Machine Using Denotational Mathematics IJCSNS International Journal of Computer Science and Network Security, 11(11): 58-64
8. Rufai M. M. and **Adigun**, J. O. (2011) Enhancing Community Policing Using a Virtual Community Model", IJCSIS. 9(11): 119-124
9. **Adigun**, J. O., Okikiola. F. M and Oladosu O. A. (2012): "Effective Service Delivery System- Application of Travel Salesman Algorithm", International Journal of Research Development", 4(1): 28-36.
10. Rufai M.M, **Adigun**, J. O, Yekini, N. A (2012) A Biometric Model for Examination Screening and Attendance Monitoring in Yaba College of Technology, World of Computer Science and Information Technology Journal (WCSIT), 2(4): 120-124.
11. N. A. Yekini, M. M. Rufai, J. O. **Adigun**, (2012) ICT <sup>3</sup>Tools to Improve Quality Assurance in Africa Educational System (Nigeria as Case Study) Journal of Computer Science & Technology, 12(1): 9-15.
12. Elusoji A. A., **Adigun** J. O., Akanji A. W, Oladosu O. A., Sulaimon K.O(2013) Wireless Sensor Network of an Embedded Platform with Duty-Cycled Radio, International Journal of Advances in Science Engineering and Technology1(1):51-55.
13. **Adigun**, J. O., Omidiora, E. O., Olabiyisi, S. O., Fenwa, O. D., Oladipo, O., and Rufa, M. M. (2015)" Development of a Genetic based Neural Network System for Online Character Recognition", International Journal of Applied Information Systems (IJ AIS), 9(3):1-8.
14. **Adigun**, J. O., Omidiora, E. O., Olabiyisi, S. O., Fenwa, O. D (2015)" A Modified Genetic based Neural Network Model for Online Character Recognition", International Journal of Applied Information Systems (IJ AIS), 9(5) :18-23.
15. **Adigun**, Johnson O (2015) Development of a Genetic Based Neural network Model for Online Character Recognition. Ph. D Computer Science Thesis. The Ladoké Akintola University of Technology Ogbomosho. Nigeria.
16. **Adigun**, J. O., Fenwa, O. D, Omidiora, E. O., Olabiyisi, S. O. (2016) Optimized Features for Genetic Based Neural Network Model for Online Character Recognition, British Journal of Mathematics and Computer Science: ScienceDomain, 14(6) : 1-13.
17. **Adigun**, J. O., Omidiora, E. O. and Rufai, M. M (2016) : Modified Genetic Algorithm Parameters to Improve Online Character Recognition, British Journal of Science & Technology: ScienceDomain, 18(5): 1-8.
18. Babatunde, Ronke S, Isiaka Rafiu M, **Adigun**, Oyeranmi J. and Babatunde Akinbowale N. (2017): Implication of variation in Ant Colony Optimization algorithm (ACO) Parameters on Feature Subset size, Computing and Information Systems Journal, the University of the West of Scotland, School of Engineering and Computing. 21(3):1-8
19. Oladipo Oluwasegun and **Adigun** Oyeranmi (2017): Historical Linkage from Networking to Cloud of Things: A Practical Implementation in Nigeria Sectors, (Unpublished paper submitted to Springer Journals of Computer Science- Research and Development.

20. Solanke, **Adigun** and Akinade (2017) Issue of Trust in E-Commerce Environment, Yaba Journal of Technology, Yaba College of Technology, pp: 30-34
21. **Adigun**, Fenwa and Babatunde (2017), Comparison Performance Evaluation of Modified Genetic Algorithm and Modified Counter Propagation Network for Online Character recognition, Transactions on Machine Learning and Artificial Intelligence (MLAI), Society for Science and Education, United Kingdom, 6(1): 81-88.
22. Rufai, **Adigun** and Okikiola (2018), Electronic Assessment of Free Text Document Using Non-Negative Matrix Factorization, International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS): 7(10):42-47, ISSN 2278-2540
23. **Adigun**, Okikiola, Aigbokhan and Rufai (2019) Automated System for Grading Apples Using Convolutional Neural Network, International Journal of Innovative Technology and Exploring Engineering (IJITEE) 9(1): 1456-1464
24. **Adigun**, Babatunde, Aigbokhan and Rufai (2020) Detection of Fracture Bones in X-ray Images Categorization, Journal of Advances in Mathematics and Computer Science 35(4): 1-11, I ISSN: 24 56 - 9 96 8
25. Babatunde, **Adigun** and Okikiola (2020) An Assessment of Gpu and Cpu based Convolutional Neural Network for Classification of White Blood Cells International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, (9 )7:554-559
26. Yekini, **Adigun**, Ojo and Akinwole (2020) Assessment of Adoption of E-Learning and M-Learning during Covid-19 Lockdown in Nigeria, International Academic Journal of Education & Literature, 28-34
27. Yekini, **Adigun** and Ojo (2021) Post Covid-19 Appraisal Of Computer & ICT Application In Technical And Technological Educational System In Nigeria ASUP Zone C 5th National Conference Theme: Entrepreneurship Skill Innovation And Development: A Pivotal Approach For Nigeria Unity And Economic Sustainability Federal Polytechnic Offa Kwara State 3rd – 6th August 2021
28. Toriola, Adeniyi, and **Adigun** (2021), Students Hostel Sustainability through Privatization in Yaba College of Technology, IJAETMAS vol. 8 Issue 1, pp: 1-12
29. Rufai, **Adigun**, Lawal (2021) Automatic Document Summarization Using NMF and ACO, At the International Conference on Evolving Uncertainties: The Role of TVET in Building Resilient Systems held Yabatech.
30. Yekini, **Adigun**, Okikiola, Hungbo, and Ojo (2022) E-Intruders Monitoring & Criminal Evidence System in a Construction Site: A Proactive Approach to Mitigate Corrupt Practices in Project Finances and Contractual Relationships Int. J. Advanced Networking and Applications Volume: 13 Issue: 04 Pages: 5052-5056(2022) ISSN: 0975-029, 5052-5056

(b) Selected Peer-Reviewed Conferences Proceedings and workshops with dates

1. **Adigun** and Okubote (1999) Cash receipt System (A Case study Yaba College of Technology). A seminar presented at the first in-house seminar in the School of Technology Yaba College of Technology.
2. **Adigun** (1999) Image Processing: An Easy identification in a database management system. A seminar presented at the first in-house seminar in the School of Technology Yaba College of Technology.
3. **Adigun** and Adelokun, P. A. (2002) Understanding GSM Technology, Paper delivered at COAN Conference FCT, Abuja.
4. **Adigun** and A. O Okubote (2006) Information Communication Technology For Small Medium Enterprises (SME's): A Veritable Tools For NEEDS. NCS Conference Yola – Adamawa State, Nigeria.

5. Charles Robert and **Adigun** Oyeranmi (2007) Wikis, Wikis: A way forward The Fifth International Conference on Creating, Connecting and Collaborating through Computing (C<sup>5</sup>2007) Kyoto University, Kyoto, Japan: 31-35.
6. Yekini, Ayannuga and **Adigun** (2013): Computer-Based Learning System Vital to Attainment of Educational Goals & Objectives in Science and Technical Education, International Conference on Emerging Trends of E-learning and Online Education Technologies. Abu Dhabi, 11(2):15-23.
7. Oyeyinka, Idowu, Oyeyinka, and **Adigun** (2018): Geopolitical Community Cloud Collaboration among Tertiary Institutions in South-West Nigeria, International Conference on Science, Technology, Engineering and Humanities (ICSTEH, Sept. 2018) ISBN: 978-978-419-433-8: 12-19
8. Rufai, **Adigun** and Raimi (2018) Fortification of Policing in Nigeria Using ICT Backbone Model: Trends, Challenges and Prospects, International Conference on Science, Technology, Engineering and Humanities (ICSTEH, Sept. 2018) ISBN: 978-978-419-433-8: 193-199
9. **Adigun** (2021) The Role of ICT in Record Management, Paper presented Training for Heads of Department & Secretaries on Record management at Yaba College of Technology, Yaba Lagos State
10. **Adigun** (2021) Result Processing, Paper presentation on Training on the conduct of Examination for Yaba College of Technology academic Staff
11. **Adigun** (2021) Information Communication and Technology: Panacea to Institutional Maladministration, Convocation Paper presented The Bafuto Institute of Management and Information Technology.

#### (c) Books and Book Chapters

12. **Adigun**, Raimi, and Rufai (2020) Fortification of Policing in Nigeria Using ICT Backbone for Strategic Competitive Advantage: Trends, Challenges, and Prospects Handbook of Research on IT Applications for Strategic Competitive Advantage and Decision Making. pp: 1-16
13. Akinsola, **Adigun** and Ayannuga (2016) Professional Practice in Information Technology, Has-Fem Nig Enterprises, Lagos. Nigeria, ISBN: 978-978-54770-6-5
14. Adigun, Ikotun and Okikiola (2015) Database Design I and II
15. **Adigun**, Yekini, Adetoba and Ojo (2013), Introduction to Computing, Has-Fem (Nig.) Enterprises, Lagos Nigeria, ISBN:978-978-931-987-9.
16. Yekini, **Adigun** and Abdulsalam (2007) Computer Organization & Electronics Has-Fem Publications ISBN 978-047-631-8
17. **Adigun** (2005) Information Technology, Laptec Publications 2<sup>nd</sup> edition, Lagos, ISBN: 978-0441-530.
18. Iteboje, A.O., **Adigun**, J.O. & Oyeyinka, I.K. (2001). Computer Studies for Tertiary Institutions Lagos. Concept publication.
19. **Adigun** (1999), Information Technology, Laptec Ventures, Lagos, ISBN: 978-044-153-0

#### (d) Selected Conferences, Workshops, Meetings and Training Attended

1. University of Lagos. The United Nations University and UNU/IIST International Course on Software Project Management, Lagos. Nigeria, June 21-25, 2004
2. NGNOG (Nigerian Network Operators Groups) Workshop on NCP-Strategic Planning and Network Computing Policies, Bayero University Kano, Nigeria, 18th-24th November, 2007.

3. NBTE Workshop on "New and Emerging Technologies for Effective Teaching and Learning" Kaduna, Nigeria, 11th - 13 December 2013.
4. TMHA (The Management House Africa) International Workshop on Key Management Decisions: Tools and Techniques, Dubai, UAE 3rd -7th December 2015.
5. CPN 2021 IT Professionals' Assembly Theme: Harnessing Digital Technologies For Social And Economic Recovery April 8, 2021.

#### **(xiv) Teaching Experience**

##### **(a) Courses Taught**

Introduction to Programming | System Analysis and Design | Introduction to Software Engineering | Database Design I & II | Introduction to Professional Practice in IT | Seminar on Current Topics in Computing | Computer application packages I& II | Web Technology | Project | Computer Programming Using OO Pascal | Computer Graphics | Artificial Intelligence | Data Structure | Compiler Construction | Operating Systems

##### **(b) Supervision/Examiner of HND Projects & Postgraduate Theses/Dissertations**

###### **(i) Completed HND Projects -Supervisor**

1. Online Social Networking Services as a great tool for building successful Online Marketing strategies for entrepreneurs
2. Establish a conceptual framework for adapting social networks metadata images for knowledge management.
3. Genetic Based Neural Network Model for Online Character Recognition Using Generation Gap
4. E-commerce security vulnerability and trust model using secure socket layer
5. Development of Ontology-based model for diabetic diseases
6. Multi-Level Intrusion Detection System and log Management in Cloud Computing
7. Automated System for Grading Apples using Convolutional Neural Network

###### **(ii) Ongoing & Completed B.Sc. Computer Science Theses**

**Fourteen** (14) students of National Open University Mushin Centre and Lagos (Ongoing)  
**Five** (5) students of National Open University Mushin Centre, Lagos (completed)

###### **(iii) Completed M.Sc. / M.Tech. Research Supervision:**

Four (4) students of National Open University Mushin and Lagos Centre

1. Oke, Abisola T (2018): Mobile Ticketing for Lagos Bus transit System
2. Ezike N. J (2021): Implementation of Radar Systems in Target Detection in the Airspace

##### **(c) Current Research Activities**

Artificial intelligence, pattern recognition, machine learning, and medical image analysis

##### **(d) Journal Review**

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- Reviewer, Nigeria Computer Society. Nigeria
- Reviewer, American Journal of Mathematical and Computer Modeling, 2016 to date
- Reviewer, Asian Journal Current Research 2016 to date
- Reviewer, Yabatech Journal of Technology, 2018
- Reviewer, British Journal of Applied Science & Technology (Sciencedomain)
- Reviewer, Canadian Journal of Learning and Technology 2021

- Reviewer, International Journal of E-business Research (IJEER) 2021
- Reviewer, British Journal of Applied Science & Technology (SCIENCEDOMAIN: A Machine Learning Algorithm Based on Inverse Problems for Software Requirements Selection 2021
- Reviewer, Asian Journal of Applied Chemistry Research, 2022
- Reviewer, Journal of Advances in Mathematics and Computer Science 2022
- Reviewer, Asian Journal of Education and Social Studies 2022
- Reviewer, Asian Journal of Pure and Applied Mathematics, 2022
- Reviewer, Asian Research Journal of Mathematics, 2022
- Reviewer, Journal of Engineering Research and Reports, 2022

**(xv) Other Activities outside Current Employment**

- CPN Representative & Resource Person, NBTE Accreditation Visitation 2007 to date
- External Moderator, The Federal Polytechnic Offa, 2008-2010, 2014-2016
- External Moderator, Computer Professionals Council of Nigeria, 2010-date
- External Moderator, Lagos State Polytechnic, Ikorodu 2010- 2014, 2020 -date
- External Assessor, The Federal Polytechnic Ede 2014-2015
- External Assessor, The Federal Polytechnic Ado- Ekiti 2007- date
- Examiner, The Federal Polytechnic Ilaro, 2016-date
- Facilitator, National Open University of Nigeria, Mushin Campus, Lagos, 2017.
- External Moderator, Kwara State Polytechnic, Ilorin 2017.
- External Moderator, Grace Polytechnic, Surulere, Lagos, 2018 till date

**(xvi) Community Development/Involvement**

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- Member, Committee on Yaba College of Technology at Seventy (70).
- Chairman, Sourced funding and established social activities and development Omiwura CDA, Itoki Community, Ogun State.
- Member, Education Committee and Establishment of Private Schools at Ola Community, Osun State.
- Member, 2013-2015 Computer Professional Council of Nigeria (CPN): Council's Public Relations and Corporate Affairs Committee.
- Chairman, ASUP Research Strategy Committee 2018 - 2020

**(xvii) Extra Curricula Activities:** Reading, Researching, Football and Listening to Music

**(xviii) Referees**

- Prof E. O. Omidiora  
Department of Computer Science and Engineering  
Ladoke Akintola University of Technology  
Ogbomoso - Nigeria.
- Prof. C. O. Uwadia  
Department of Computer Sciences  
University of Lagos  
Lagos - Nigeria.

- Pastor Emmanuel Iyanda  
The New Covenant Baptist Church  
Agege. - Lagos State