

Curriculum Vitae

(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) Current Postal Address	Department of Computer Technology, Yaba College of Technology. Yaba. Lagos State.
(vi) Telephone	08055317571 &ranmiadigun@gmail.com, ranmi.adigun@yabatech.edu.ng

(vii) 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

(viii) 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

(ix) 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)

(x) Distinctions & Awards (with Dates):

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

(xi) 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) Acting Director, APU, Yaba College of Technology, Yaba June 23 - July 5, 2013
- g) Acting Deputy Rector (Acad), Yaba College of Technology, Yaba June 24 -26 2013
- h) Acting Deputy Rector (Admin), Yaba College of Technology, Yaba March 6 - 8, 2013
- i) Acting Deputy Rector (Admin), Yaba College of Technology, Yaba June 24 - Aug 13, 2013
- j) Facilitator, National Open University, Lagos, Nigeria 2015-date

- k) Senior Lecturer on Sabbatical Appointment: Lagos State University Ojo, Sept 3, 2018 – August 30, 2019.
 - l) Chief Lecturer, Yaba College of Technology, Yaba 2007 – date
- (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. **Member**, School of Technology Board 2010 - date
 - 2. **Chairman**, School of Technology Board 2011 – 2014
- (c) At College 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 Pencom2014
 - 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 Committee 2018 – Date
 - 12. Chairman, Polytechnic ICT Policy, 2018 – date
 - 13. Member, OFEd.....

(xii) 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., Okiki. 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 ³Tools 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. Ladoke Akintola University of Technology Ogbomoso. 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 Clony Optimization algorithm (ACO) Parameters on Feature Subset size, Computing and Information Systems Journal, 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 SSN: 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

(b) Selected Peer-Reviewed Conferences Proceedings 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 (C⁵2007) 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 the South-West Nigeria, *International Conference on Science, Technology, Engineering and Humanities (ICSTEHL, 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 (ICSTEHL, Sept. 2018)* ISBN: 978-978-419-433-8: 193-199

(c) Books and Book Chapters

9. Akinsola, **Adigun** and Ayannuga (2016) Professional Practice in Information Technology, Has-Fem Nig Enterprises, Lagos. Nigeria, ISBN: 978-978-54770-6-5
10. **Adigun**, Yekini, Adetoba and Ojo (2013), Introduction to Computing, Has-Fem (Nig.) Enterprises, Lagos Nigeria, ISBN:978-978-931-987-9.
11. Yekini, **Adigun** and Abdulsalam (2007) Computer Organization & Electronics Has-Fem Publications ISBN 978-047-631-8

12. **Adigun** (2005) Information Technology, Laptec Publications 2nd edition, Lagos, ISBN : 978-0441-530.
13. Iteboje, A.O., **Adigun**, J.O. & Oyeyinka, I.K. (2001). Computer Studies for Tertiary Institutions Lagos. Concept publication.
14. **Adigun** (1999), Information Technology, Laptec Ventures, Lagos, ISBN : 978-044-153-0
15. 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

(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.

(xiii) Teaching Experience and Administrative Positions held with dates

(a) Polytechnic Standing & Adhoc Committees

- Member, College Academic Board, 2004-2008, 2011- date
- Member, College Committee on Service Delivery Charter 2009-2010.
- Chairman, College Committee on Science Vocational and Technology Educational Training Lab for Polytechnics, 2011
- Chairman, School Board, School of Technology 2011-2014.
- Chairman, Advisory Board to School of Technology 2011-2014
- Member, Yabatech Peer Review Committee 2012-2016.
- Chairman, College Investigation Committee on Improvement of Quality of Data Supplied on Staff to Pencom 2014
- Member, College Science, Engineering, Technology and Innovation System (SETI)
- Chairman, Sub Committee on Honors, and Awards Yabatech at 70 2017.
- Member, Inaugural Chief Lecturer Committee, 2018
- 16. Chairman, International Conference on Science, Technology, Engineering and Humanities (ICSTEH, Sept. 2018) ISBN: 978-978-419-433-8: 12-19
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(b) 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

(c) 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 conceptual framework for adapting of 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's diseases
6. Multi- Level Intrusion Detection System and log Management in Cloud Computing

(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. Dissertations

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

(d) Current Research Activities

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

(e) Journal Review

- 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, British Journal of Applied Science & Technology (Sciencedomain)
- Reviewer, British Journal of Applied Science & Technology (Sciencedomain)
A New Efficient Machine Learning Algorithm to Solve Facility Location Selection Problem of Geoinformatics.
- Reviewer, British Journal of Applied Science & Technology (SCIENCEDOMAIN: A Machine Learning Algorithm Based on Inverse Problems for Software Requirements Selection.
- Reviewer, Yabatech Journal of Technology, 2018

(xiv) 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
- 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

(xv) Community Development/Involvement

- 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 - date

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