

## 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 (IJAIS), 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 (IJAIS), 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 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 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, 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 Akinwale (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

31. Yekini, **Adigun**, Oloyede, Akinade (2022) Gas Leakage Detector and Monitoring System, June 2022 [International Journal of Engineering and Manufacturing](#) 12(4) pp 1-11
32. **Adigun**, Okikiola, Yekini, Babatunde (2022) Classification of Diabetes Types using Machine Learning, *International Journal of Advanced Computer Science and Applications (IJACSA)*, 13(9), pp 152-161

(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.
12. Omokungbe, Yekini, Toriola, Adigun (2022) The Roles Of Polytechnic Education In Mitigating Skilled Manpower Shortage In Nigeria. Paper presented at Association of Technical Universities and Polytechnics in Africa ATUPA 2022 Victoria Falls International Conference

(c) Books and Book Chapters

13. **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
14. Akinsola, **Adigun** and Ayannuga (2016) Professional Practice in Information Technology, Has-Fem Nig Enterprises, Lagos. Nigeria, ISBN: 978-978-54770-6-5
15. Adigun, Ikotun and Okikiola (2015) Database Design I and II
16. **Adigun**, Yekini, Adetoba and Ojo (2013), Introduction to Computing, Has-Fem (Nig.) Enterprises, Lagos Nigeria, ISBN:978-978-931-987-9.
17. Yekini, **Adigun** and Abdulsalam (2007) Computer Organization & Electronics Has-Fem Publications ISBN 978-047-631-8
18. **Adigun** (2005) Information Technology, Laptec Publications 2<sup>nd</sup> edition, Lagos, ISBN: 978- 0441-530.
19. Iteboje, A.O., **Adigun**, J.O. & Oyeyinka, I.K. (2001). Computer Studies for Tertiary Institutions Lagos. Concept publication.
20. **Adigun** (1999), Information Technology, Laptec Ventures, Lagos, ISBN: 978-044-153-0