

AKINYEMI, Ibidapo Olawole (Ph.D)

Name in full	AKINYEMI, Ibidapo Olawole
E-mail Address and Phone Number	ioakinyemi@gmail.com / 08034177749
Place and Date of Birth	Ode – Irele (12 th May, 1969)
State and Local Government of Origin	Ondo State / Okitipupa Local Government
Nationality	Nigerian
Permanent Home Address	No. 6/8, Akorede Avenue, Rasonwa, Ilese-Ijebu, Ogun State
Current Postal Address	Department of Computer Science & Mathematics, Mountain Top University, Ibafo, Ogun State.
Marital Status	Married
Number and Ages of Children	Four (4) Modupe Mary Akinyemi (23 years), Abimbola Elizabeth Akinyemi (21 years), Omolola Faith Akinyemi (16 years), Akinwale Isaac Tola Akinyemi (14 years)

EDUCATIONAL INSTITUTIONS ATTENDED (WITH DATES)

Tertiary:	Covenant University, Ota	2005 – 2012
	University of Agriculture, Abeokuta	2001 – 2004
	University of Agriculture, Abeokuta	1991 – 1996
Secondary:	Community High School, Araromi Rubber Estates, Araromi – Obu, Ondo state	1981 – 1986
	Oyo State College of Arts & Science, Ile – Ife	1987 – 1988
Primary:	L. A. Primary School, Araromi Rubber Estates, Araromi – Obu, Ondo state	1975 – 1981

ACADEMIC QUALIFICATIONS OBTAINED (WITH DATES)

1	PhD (Computer Science)	2012
2	MSc (Computer Science)	2004
3	BSc Mathematical Sciences (Computer Science Option)	1997
4	West African School Certificate	1986
5	Primary School Certificate	1981

AWARDS:

- a. Best Lecturer in Computer Science Unit (Physical Sciences Department, Landmark University, Omu-Aran, Kwara State), 2013/2014 Academic Session.
- b. Outstanding Reviewer – Engineering Applications of Artificial Intelligence, March 2017.

STATEMENT OF EXPERIENCE (INCLUDING FULL DETAILS OF FORMER AND PRESENT POSTS)

Present Appointment (Status and Date):

Employer: Mountain Top University
Status and Date: Professor – October 2020 to Date

Previous Appointments (Status and Date):

- i. Employer: Augustine University
Status and Date: Senior Lecturer – 2016 to 2017
- ii. Employer: Covenant University – 2004 to 2016
Employer: Landmark University, Omu-Aran, Kwara State
(On secondment from Covenant University) 2013 to 2015
- iii. Adjunct lecturer Ondo State University of Science and Technology
(OSUSTECH) 2013 to 2016
Duties Performed: Teaching of Undergraduate Courses
- iv. Adjunct lecturer Augustine University 2015 – 2016
Duties Performed: Teaching of Undergraduate Courses

University Teaching Experience

A. Teaching

i. Professor (1st October, 2020 till Date)

Department of Computer Science & Mathematics, Mountain Top University, Ibafo, Ogun State, Nigeria.

Duties: -

- ✓ Dean, School of Postgraduate Studies, Mountain Top University, Ibafo, Ogun State, Nigeria.
- ✓ Teaching of Computer Science courses at undergraduate and postgraduate levels

ii. Associate Professor (October, 2017 to September, 2020)

Department of Computer Science & Mathematics, Mountain Top University, Ibafo, Ogun State, Nigeria.

Duties: -

- ✓ Teaching of Computer Science courses at undergraduate level
- ✓ Acting Head, Department of Computer Science & Mathematics, Mountain Top University, Ibafo, Ogun State, Nigeria..

iii. Senior Lecturer (July 2016 to October, 2017)

Department of Mathematical Sciences, Augustine University, Ilara – Epe, Lagos State, Nigeria.

Duties: -

- ✓ Teaching of Computer Science courses at undergraduate level
- ✓ Acting Head, Department of Mathematical Sciences, Augustine University.

iv. Senior Lecturer (August 2014 to June 2016)

Department of Computer & Information Sciences, Covenant University, Ota, Ogun State, Nigeria.

Duties: -

- ✓ Teaching of Computer Science courses at both undergraduate and postgraduate levels
- ✓ Supervision of students' projects at both undergraduate and postgraduate levels.
- ✓ Academic research

- ✓ Level Adviser
- ✓ All other responsibilities assigned by the HOD

v. Lecturer I (Sept. 2011 to July 2014)

Department of Computer & Information Sciences, Covenant University, Ota, Ogun State, Nigeria.

Duties: -

- ✓ Teaching of Computer Science courses at both undergraduate and postgraduate levels
- ✓ Supervision of students' projects at both undergraduate and postgraduate (M.Sc) levels.
- ✓ Academic research
- ✓ Level Adviser
- ✓ All other responsibilities assigned by the HOD

vi. Lecturer II (November, 2008 – October, 2011),

Department of Computer & Information Sciences, Covenant University, Ota, Ogun State, Nigeria.

Duties: -

- ✓ Teaching of Computer Science courses at undergraduate level
- ✓ Supervision of students' projects at undergraduate level.
- ✓ Academic research
- ✓ Level Adviser
- ✓ All other responsibilities assigned by the HOD

vii. Assistant Lecturer (Sept., 2004 – Sept. 2008)

Department of Computer & Information Sciences, Covenant University, Ota, Ogun State, Nigeria.

Duties: -

- ✓ Teaching of Computer Science courses at undergraduate level
- ✓ Supervision of students' projects at undergraduate level.
- ✓ Academic research
- ✓ Level Adviser

All other responsibilities assigned by the HOD

B. Administrative

- i. Dean, School of Postgraduate Studies, Mountain Top University, Ibafo, Ogun State (1st June, 2021 till Date)
- ii. Acting Head, Department of Computer Science & Mathematics, Mountain Top University, Ibafo, Ogun State (October, 2017 to May, 2021).
- iii. Member - University Senate, Mountain Top University, Ibafo, Ogun State (October, 2017 till Date).
- iv. Acting Dean, School of Postgraduate Studies, Mountain Top University, Ibafo, Ogun State (October, 2019 to May, 2021).
- v. Member - University Governing Council (Senate Representative), Mountain Top University, Ibafo, Ogun State (December, 2017 till Date).
- vi. Chairman – Project Monitoring Committee, Mountain Top University, Ibafo, Ogun State (November, 2017 till Date)
- vii. Chairman – Computer and ICT Committee, Mountain Top University, Ibafo, Ogun State (November, 2017 till Date).
- viii. Member – Committee on Change of Programme/Course, Mountain Top University, Ibafo, Ogun State (December, 2017 till Date).

- ix. Member – MTU Ventures Committee, Mountain Top University, Ibafo, Ogun State (December, 2017 till Date).
- x. Coordinator – ICT Centre, Mountain Top University, Ibafo, Ogun State (January, 2018 till December 2018).
- xi. Member – Committee on Research Publication and Grants, Mountain Top University, Ibafo, Ogun State (February, 2018 till Date).
- xii. Member – Business Committee of Senate, Mountain Top University, Ibafo, Ogun State (April, 2018 till Date).
- xiii. Acting Head, Department of Mathematical Sciences, Augustine University, Ilara – Epe, Lagos State (July, 2016 till 13th October, 2017).
- xiv. Member - University Senate, Augustine University, Ilara – Epe, Lagos State (July, 2016 – October, 2017).
- xv. Member – Central Admission Committee, Augustine University, Ilara – Epe, Lagos State (July, 2016 till October, 2017).
- xvi. Member – Development Committee of Senate, Augustine University, Ilara – Epe, Lagos State (December, 2016 till October, 2017).
- xvii. Member – Student Disciplinary Committee, Augustine University, Ilara – Epe, Lagos State (January 2017 till October, 2017).
- xviii. Chairman – Seminar & Public Lecture Committee, Augustine University, Ilara – Epe, Lagos State (January, 2017 till October, 2017).
- xix. Chairman – Quality Assurance and Academic Standard, Department of Computer and Information sciences, Covenant University, Ota (August, 2015 – June 2016).
- xx. Member – Postgraduate Committee, Department of Computer and Information sciences, Covenant University, Ota (August, 2015 – June 2016).
- xxi. Examination Officer - Department of Computer science, Landmark University, Omu – Aran, Kwara State (on Secondment from Covenant University, April, 2013 to August, 2015).
- xxii. Member – Quality Assurance and Equipment Procurement Committee, Department of Computer science, Landmark University, Omu – Aran (on Secondment from Covenant University, November, 2014 to August, 2015).
- xxiii. Member – Examination Committee, Department of Computer and Information sciences, Covenant University, Ota (2006 to June, 2016).
- xxiv. Member, Local Organizing Committee, 1st International Conference and Workshop on Software Engineering and Intelligent Systems (SEIS, 2010), Covenant University, Ota, Nigeria, July 5th - 8th 2010.
- xxv. Chairman – Seminar Committee for the Department of Computer and Information sciences, Covenant University, Ota (2011 to Date).
- xxvi. Member – SIWES Committee for the Department of Computer and Information sciences, Covenant University, Ota (2009 to 2011).
- xxvii. Lever/Course Adviser – Department of Computer and Information sciences, Covenant University, Ota (September, 2005 to April, 2013).

13. LIST OF PUBLICATIONS

I. Thesis/ Dissertation:

M.Sc. A Genetic Algorithm-Based Classification for Credit Risk Assessment Problems.

Supervisor: Prof. A. U. Afuwape of Department of Mathematics, Obafemi Awolowo University, Ile – Ife, Osun State, Nigeria.

Ph.D. A Refinement-Based Heuristic Method for Decision Making in the Context of Ayo Game.

Supervisors: Prof. H. O. D. Longe of Department of Computer Sciences, University of Lagos, Lagos, Nigeria and Prof. E. F. Adebisi of Department of Computer and Information Sciences, Covenant University, Ota, Ogun State, Nigeria.

II. Books: Nil

III. Monographs: Nil

IV. Journals

1. Agholor, S., Agholor, O. A. and **Akinyemi, I. O.** (2021). Improving Prediction Accuracy using a Combined Two Multiple Regression Equations in a Real-Time System. *International Journal of Basic Science and Technology* Volume 7, Number 2, Pages 142 – 149. <http://www.ijbst.fuotuoke.edu.ng/>
2. Kasali, F. A., Balogun J. A., Adekola, O. D., **Akinyemi I.O.** (2021). Design and Evaluation of a User Centred Course-Based Timetable Scheduling System. *Mountain Top University Journal of Applied Science and Technology*
3. Balogun J.A, Kasali, F.A., Adekola, O. D., Idowu, P. A., **Akinyemi, I.O.** (2021). A Classification Model for the Survival of Patients with Hepatitis C Disease using Decision Trees. *Mountain Top University Journal of Applied Science and Technology.*
4. **Akinyemi, I. O.**, Afolabi, I. T., Taiwo and Agono, F. (2021). Design and Implementation of a Prototype Integrated Web-Based Virtual Classroom. *Mountain Top University Journal of Applied Science and Technology.* pp 31 – 40.
5. Kasali, F.A., Adekola, O.D, **Akinyemi, I.O.**, Ebo, I. O., Balogun, J. A. (2020). A model for ranking the usability attributes of mobile health applications in Nigeria (MCDM Approach). *Covenant Journal of Informatics and Communication Technology (CJICT)*, 8(2), 1-17. ISSN: Print 2354-3566, Electronics 2354-3504
6. Kasali, F.A, **Akinyemi, I.O**, Balogun, J.A, & Ebo, I.O (2020). Ranking the factors affecting ICT usage among youth –led agribusiness in different Agricultural Value Chains (AVC) in Nigeria. Accepted to be published in *Mountain Top University Journal of Entrepreneurship and Sustainable Development* 2(2), 14-30.
7. **Ibidapo O. Akinyemi**, Adesola O. Anidu, and Adefemi T. Adeniran (2019). Exploration and Analysis of Ayo Game Tournament using Case-Based Probability Distance Clustering and Awale Shareware. *African Journal of Computing & ICT*. Vol 12, No. 1 pp. 28 - 39
8. Kasali, F. A.; Taiwo, O. O.; **Akinyemi, I. O.**; Alaba, O. B.; Awodele, O.; Kuyoro, S. O. (2019) An Enhanced Usability Model for Mobile Health Application. *International Journal of Computer Science and Information Security*. Vol. 17 No 2, pp. 20 – 29.
9. Taiwo, O. O., Kasali, F. A., **Akinyemi, I. O.**, Kuyoro, S. O., Awodele, O., and Ogbaro, D. D (2019). A Model for Stratifying Chronic Myeloid Leukemia Data based On Algorithm with Minimal Loss Function. *African Journal of Management Information System*. Vol. 1, Issue 1 pp
10. S. Agholor and **I. O. Akinyemi** (2018). A Peer Pressure Method for Helping End-Users Generate Strong Passwords. *International Journal of Cyber-Security and Digital Forensics (IJCSDF)* 7(4): 480-487.
11. **Akinyemi I. O.**, Afolabi, I.T., Taiwo O. and Agono F. (2018). Design and Implementation of a Prototype Integrated Web-Based Virtual Classroom. *Mountain Top Journal of Basic and Applied Sciences (Accepted)*. Vol. 1 issue 1 pp.
12. **Akinyemi, Ibidapo O.**, Longe, O. Harrison Dele, and Olugbara, O. Oludayo (2016). *On the Performance Evaluation of Refinement-Based Heuristics Strategy to Evolve Ayo*

- Game Player*. Asian Journal of Information Technology.15(19): 3624 – 3630. **Indexed in Scopus**.
13. Afolabi Ibukun T. , Olufunke Oladipupo, Rowland E. Worlu and **Akinyemi I. O** (2016) *A Systematic Review of Customer Behaviour Prediction Studies*. Covenant Journal of Business & Social Sciences (CJBSS). Vol. 7 No. 1 (2016).
 14. **Ibidapo O. Akinyemi**, Oludayo O. Olugbara and Harrison, O. D. Longe (2016). *Further Results on the Combinatorial Number Theoretic Aspect of Ayo Game*. European Journal of Scientific Research. Vol. 139 No. 1, pp 5 – 20. **Indexed in Scopus**.
 15. Afolabi Ibukun.T., **Akinyemi Ibidapo O.** and Oluwaranti Jonathan (2016). *An Experimental Comparison of Predicting Customer Behaviour in Internet & Mobile Marketing*. Asian Journal of Information Technology. 15(1): 31 – 37. **Indexed in Scopus**.
 16. Olawande Daramola, Ibidun Ajala and **Ibidapo Akinyemi** (2016). *An Experimental Comparison of three Machine Learning Techniques for Web Cost Estimation*. International Journal of Software Engineering and its Applications. Vol. 10, No. 2 (2016), pp. 191-206. **Indexed in Scopus**.
 17. Galadima, T.O., **Akinyemi I.O.** and Asani E.O. (2014). *The Impact of Knowledge-Based Trust (KBT) on the Adoption and Acceptability of Cashless Economy in Nigeria*. International Journal of Computer Science and Information Technology.(IJCSIT) Vol 6, No 2, pp 171 – 180.
 18. Oyelami, O. M. and **Akinyemi, I. O.** 2014). *The Acceptability and Comparative Study of DTMF and Speech for Banking Transactions in Nigeria*. British Journal of Mathematics & Computer Science 4(9), pp. 1290 – 1300.
 19. **I. O.Akinyemi**, E. O.Asani, and A. A. Adigun (2013). *An Investigation of Users' Acceptance and Satisfaction of E-Banking System as a Panacea towards a Cashless Economy in Nigeria*. Journal of Emerging Trends in Computing and Information Technology, vol.4 No. 12. Pp.954 – 963.
 20. **I.O. Akinyemi**, O.O. Olugbara and H.O.D. Longe (2013). *An Endgame Procedure for Generating Integer Sequence*. Afr J. of Comp & ICT. Vol 6, No. 4. Pp 147-154.
 21. **Akinyemi,I. O.**, Longe H. O. D. Olugbara, O. O. and Oyelami, O. M. (2013). *An Empirical Judgment of Computer Simulated Ayo Game for Decision Making*. International Journal of Scientific & Engineering Research, volume 4, issue8, pp. 984 – 987.
 22. **Akinyemi, I. O.** and Oyelami, O. M. (2013). *Developing a Web-Based Location Navigation System in the Context of Covenant University*. International Journal of Computer Applications and Information Technology, vol.3 issue II, pp 10 – 13.
 23. Oyelami Olufemi Mose, Uwadia Charles Onuwa, Akinwale Adio Taofeek & **Akinyemi Ibidapo Olawole** (2013). *An Experimental Comparison of Speech and DTMF for VoiceXML-Based Expert Systems*. Afr J. of Comp & ICTs. Vol 6, No. 1.pp 87-94
 24. Oyelami M. Olufemi and **Akinyemi, I. Olawole** (2011) Improving the Performance of Quicksort for Average Case Throguh a Modified Diminishing Increment Sorting. *Journal of Computing*, Vol 3 Issue 4,pp 193 – 197.
 25. **Ibidapo, O. Akinyemi**, Zaccheous O. Omogbadegun, and Olufemi M. Oyelami. (2010) *Towards Designing a Biometric Measure for Enhancing ATM Security in Nigeria E-Banking System*. Journal of Electrical & Computer Sciences *IJECS-IJENS* Vol: 10 No: 06, pp 68 – 73.
 26. **Ibidapo O. Akinyemi**, Ezekiel F. Adebisi and Harrison, O. D. Longe (2009). *Critical Analysis of Decision Making Experience with a Machine Learning Approach in Playing Ayo Game*. World Academy of Science, Engineering and Technology, 56: pp 49 – 54.

27. Segun A. Fatumo, **Ibidapo O. Akinyemi** and Ezekiel .F. Adebisi (2009) *Aligning Multiple Sequences with GeneticAlgorithm*. International Journal of Computer Theory and Engineering, Vol. 1, No.2,June2009, pp 1793-8201
28. **Akinyemi, I. O.**,Olugbara, O.O., Longe, H.O.D. and Adebisi, E.F. (2008) *On Nearest Neighbour Strategy for Evolving Ayo Game Player*. Journal of Computer Science and its Application (An International Journal of the Nigeria Computer Society) vol. 15. No. 1. pp 48 – 58.
29. **Akinyemi, I. O.** (2007) *Comparative Analysis of using Logistics Regression and Neural Network for Credit Risk Assessment*. International Journal of Natural and Applied Sciences. Vol. 3. No. 4. pp. 441 – 447.
30. Ayo, C. K. **Akinyemi, I. O.**,Adebisi, A. A. and Ekong, U. (2007) *The Prospects of E-examination Implementation in Nigeria*. The Turkish online Journal of Distance Education. Vol. 8. No. 1. pp 125 – 134.
31. **Akinyemi, I.O.** and Agholor, S. (2006) *A Classification Techniques for Credit Risk Assessment Problems Using Genetic Algorithm*. Journal of Computer Science and its Application (An International Journal of the Nigeria Computer Society) vol. 12. No. 1. pp 37 – 46.

V. Book Chapters

32. Idowu Peter Adebayo, Balogun Jeremiah Ademola, **Akinyemi Ibidapo Olawole** and Egejuru Ngozi Chidozie (2019). A Classification Model for the CD4Count of HIV Patients Using Decision Tree Algorithms. Computer Science Advances, Researchand Application. Pp 57 – 89.
33. Balogun, J. A., Kasali, F., **Akinyemi, I. O.**, Akinyemi, B. O., & Idowu, P. A. (2021). Towards the Design of a Geographical Information System for Tracking Terrorist Attacks Online in Nigeria. In Saravanan, P., & Balasundaram, S. R. (Ed.), Privacy and Security Challenges in Location Aware Computing (pp. 177-199). IGI Global. <http://doi:10.4018/978-1-7998-7756-1.ch008>

VI. Conferences

A. Published & Presented Papers

34. Olawande Daramola, Ibukun Afolabi, **Ibidapo Akinyemi** and Olufunke Oladipupo (2013). *Using Ontology-based Information Extraction for Subject-based Auto-grading*. Proceedings of the 5th International Conference on Knowledge Engineering and Ontology Development. Vilamoura, Portugal, September 19 - 22, 2013.
35. **Akinyemi, I.O.**, Daramola, J.O., and Adebisi, A.A. (2007) *Grid – Enabled E-Learning for Educational Institution in Nigeria*. Proceedings of the 10th International Conference of the Nigeria Computer Society (NCS).vol 18. pp. 91 – 98.
36. Olugbara, O.O., Adewoye, T.O. and **Akinyemi, I.O.** (2006) *An Investigation of Minimax Search for Evolving Ayo Game Player*. Proceedings of the 4th IEEE ICICT Conference, Cairo, Egypt. 10 – 12 December, 2006.
37. Olugbara, O.O., Ayo, C.K., Adebisi, A.A., and **Akinyemi, I.O.** (2005) *Requirement Elicitation as a Success factor for Software Development*. Proceedings of the International Conference of the Nigeria Computer Society (NCS). Vol. 16. pp. 95 – 103.

B. Published not Presented

38. Z Omogbadegun, C Uwadia, N Omogbe, and **I Akinyemi** (2014). *Using Students Industrial Work Experience Scheme to Achieve Viable University-Industry Cooperation*

in Nigeria—A Case Study of Covenant University, Nigeria, EDULEARN14 Proceedings, pp. 2408 – 2416.

39. Ayo, C.K., Olugbara O.O., Adebisi A.A. and **Akinyemi, I.O.** (2005). *Combating Poverty through Information Technology*. Proceedings of 1st International Conference of Human Development, Covenant University, Ota.

POSTGRADUATE SUPERVISION

A. Ph.D Level

Nil

B. M.Sc Level

1. Ibidun Ajala (2014) : A Comparative Study of Machine Learning Techniques for Cost Estimation of Web -based Systems, Covenant University, Nigeria. (**Co-Supervision**)

OTHER ACTIVITIES OUTSIDE CURRENT EMPLOYMENT

A. Service to the Community

- i. Participated in the 2012 world malaria day at Iyana-Iyesi, Sango-Ota, Ogun State.
- ii. Participated in the 2013 World health day held at Atan area, Ado-Odo Ota Local Government, Ogun State.

B. Membership of Learned Societies

- i. Nigeria Computer Society, Nigeria.
- ii. Computer Professionals Council of Nigeria (CPN)
- iii. Member, International Association of Engineers (IAENG) No: 102506

C. Editorial and Academic Work Engagements

1. Member, Editorial Board, Mountain Top University Journal of Applied Science and Technology (MUJAST), 2018 – Date
2. A reviewer of papers submitted to 1st International Conference and Workshop on Software Engineering and Intelligent Systems (SEIS 2010), Covenant University, Ota, Nigeria, July 5th - 8th, 2010.
3. Reviewer, Engineering Applications of Artificial Intelligence (EAAI).
4. Internal reviewer of postgraduate projects of the Department of Computer and Information Sciences, Covenant University, Ota.
5. Moderation of examination questions in the Department of Computer and Information Sciences, Covenant University, Ota.

CONFERENCES AND SEMINAR ATTENDED WITH DATES

1. International Conference on New Trends in Mathematical and Computer Sciences with Applications to Real World Problems (NTMCS, 2006), 19th – 23rd, June, 2006, Covenant University, Ota, Ogun State.
2. 3G GSM & Mobile Computing International Workshop & Conference, Covenant University, Ota, Nigeria, January, 2007.
3. 1st International Conference and Workshop on Software Engineering and Intelligent Systems (SEIS, 2010), Covenant University, Ota, Nigeria, July 5th - 8th 2010.

Undergraduate Courses Taught

1. Statistical Methods
2. Use of Software Packages
3. Information System Analysis and Design

4. Discrete Structures
5. Artificial Intelligence
6. Operations Research
7. Data Structures and Algorithm
8. Computer Architecture and Organization
9. Software Engineering
10. Management Information System
11. Introduction to Computer Science
12. Problem Solving using C
13. Database Design and Management
14. Web Design and Data Security
15. Data Warehousing and Mining
16. File Processing

Postgraduate Courses Taught

1. Artificial Intelligence - CIS 712
2. Advanced Operating Systems - CIS 716
3. Advanced Programming Languages - CSC 822

Names and Addresses of three (3) Referees

1. Prof. H. O. D. Longe
Department of Mathematical Sciences
Augustine University
Ilara – Epe, Lagos Stae.
Tel: 08022234902
2. Prof. A. E. Okeyinka
Deaprtment of Computer Science
Landmark University
Omu-Arsn, Kwara State
Tel: 08035776226
3. Prof. Olusegun Folorunso
Department of Computer Science
Federal University of Agriculture
Abeokuta, Ogun State
Tel: 08035640707

Signature:



Date:27/06/2021