

Abiodun Motunrayo Ikotun PhD

Artificial Intelligence | Machine Learning | Data Science

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[ResearchGate](#) | [Google Scholar](#)

Profile Summary

Dedicated and student-focused Computer Science Lecturer with over 10 years of teaching experience with a Ph.D. in Computer Science. I am skilled in designing and delivering engaging curriculum across core computing areas, with a passion for inclusive education and innovative pedagogy. Adept at supporting diverse learners, integrating real-world applications into instruction, and fostering academic, social, and emotional growth. I combine strong technical expertise with a collaborative spirit and a deep commitment to empowering students for success in both academic and professional environments.

Skills

- Curriculum development • Data analysis and visualization • Data engineering • Programming • Networking
- Database management • Statistical modelling • Cultural competence • Communication • Leadership

Educational Qualifications

Ph.D. Computer Science Feb. 2021 – Apr. 2023

University of Kwazulu-Natal, Pietermaritzburg, South Africa

Research Projects: Enhancing K-means Clustering with New Generation Metaheuristics Optimizers for Automatic Clustering of High Dimensional Dataset Problems

M.Sc. Computer Science Dec. 2005 – Jan. 2008

University of Lagos, Lagos, Nigeria

Research Project: Solving Systems of Linear Equations using Genetic Algorithm

B.Sc. Mathematical Science (Computer Science Option) Sep. 2002 – Sep. 2005

Federal University of Agriculture, Abeokuta, Nigeria

Research Project: Predicting Students' Performance Using Machine Learning Algorithm

PGD Computer Science Sep. 1999 – Apr. 2002

Federal University of Technology, Akure, Nigeria

Research Project: Analysis of Computer Operating Systems

Higher National Diploma - Computer Science Sep. 1994 – Aug. 1997

Yaba College of Technology, Lagos, Nigeria

Research Project: System for Finding Eigen Values

National Diploma - Computer Science Sep. 1991 – Nov. 1994

Yaba College of Technology, Yaba, Lagos State, Nigeria

Work and Teaching Experiences

Post-Doctoral Research Fellow Jan. 2024 – till date.

University of Kwazulu-Natal, PMB Campus, Pietermaritzburg, South Africa

- Develop and apply machine learning tools to analyze patterns in Gender-Based Violence (GBV) data.
- Conduct experimentation on cluster validity indices across diverse datasets.
- Designed hybrid K-means and metaheuristics-based algorithms to improve clustering performance in GBV.
- Collaborate with interdisciplinary teams to curate high-quality, actionable insights from experimental results.
- Published findings in peer-reviewed journals and presented at international conferences.

Lecturer (Adjunct position)

Aug. 2023 – Jan. 2025

Durban University of Technology, Durban, South Africa

- Delivered lectures on Information Systems, Application Development, and System Analysis and Design.
- Designed, conducted, and graded assessments to evaluate student understanding and performance.
- Supervised graduate student projects and provided constructive feedback and guidance
- Engaged in community outreach programs, integrating academic knowledge with societal impact initiatives.

Contract Lecturer (Part Time)

Aug. 2023 – Dec. 2023

University of Kwazulu-Natal, PMB Campus, Pietermaritzburg, South Africa

- Crafted and delivered lectures on Computing for Social Science.
- Evaluated assessments and inspired students to push the boundaries of their computational knowledge.
- Led immersive lab sessions where students navigated advanced computing tools

Graduate Assistant (Part Time)

Mar. 2023 – Nov. 2023

University of Kwazulu-Natal, PMB Campus, Pietermaritzburg, South Africa

- Conducted engaging tutorials and interactive revision of course materials.
- Provided constructive feedback on students' assessments to improve their academic performance.
- Supervised laboratory practicals, ensuring students gained hands-on experience for real-world scenarios.
- Engaged in student support services such as academic advising and coursework assistance.

Lecturer/ Senior Lecturer/ Principal Lecturer/ Chief Lecturer

Mar. 1999 – Sept. 2024

Yaba College of Technology, Lagos, Nigeria

- Delivered lectures in System Analysis and Design and Database Management.
- Managed student performance through grading and question moderation to maintain academic integrity.
- Supervised student projects and coordinated the National Diploma Project to guide successful outcomes.
- Oversaw Departmental Student Industrial Work Experience Scheme and part-time programs.

Industrial Trainee

Apr. 1994 – Mar. 1995

Chevron Nigeria Limited, Lagos, Nigeria

- Conducted troubleshooting and maintenance of computer systems to ensure optimal performance.
- Managed system coupling and software installation for seamless application integration.
- Provided user support for technical issues, enhancing overall system functionality.
- Participated in in-house training on computer application packages to improve technical skills.

Community Service Experiences**Member, AI International Collaboration & Engagement**

Apr. 2024

Federal Ministry of Communications, Innovation and Digital Economy, Lagos, Nigeria

- Developed strategic roadmap for international AI partnerships to strengthen Nigeria's AI ecosystem.
- Organized strategy sessions focused on advancing AI development within Nigeria's digital economy
- Assisted in identifying international stakeholders for long-term AI collaboration.

Secretary, 2024 Annual Retreat Planning Committee

Mar. 2024 – Apr. 2024

Deeper Christian Life Ministry, Durban, South Africa

- Coordinated annual retreat preparation and monitored event activities to meet desired outcomes.
- Ensured all teams were synchronized and informed about each other's activities.
- Created post-retreat reports that informed future program enhancements.

Supervisor, Independent National Electoral Commission, Lagos, Nigeria

Jan. 2011 – Feb. 2011

- Led a team of voters' registration officers to collate and verify registered voters' data for electoral process.
- Addressed registration challenges on-site, providing solutions to improve the efficiency of the exercise.
- Submitted detailed reports on registration progress and outcomes to the local government authority.

A. Journal Articles

1. **Ikotun, A. M.**, Habyarimana, F., & Ezugwu, A. E. (2025). Cluster validity indices for automatic clustering: A comprehensive review. *Heliyon*. Volume 11, Issue 2, 2025, e41953, ISSN 2405-8440, <https://doi.org/10.1016/j.heliyon.2025.e41953>.
2. Mohamed, T. I. A., Ezugwu, A. E., Fonou-Dombeu, J. V., **Ikotun, A. M.**, & Mohammed, M. (2023). A bio-inspired convolution neural network architecture for automatic breast cancer detection and classification using RNA-Seq gene expression data. *Scientific Reports*, 13, 14644. <https://doi.org/10.1038/s41598-023-41731-z>
3. Ezugwu, A. E., Oyelade, O. N., **Ikotun, A. M.**, Agushaka, J. O., & Ho, Y. (2023). Machine learning research trends in Africa: a 30 years overview with bibliometric analysis review. *Archives of Computational Methods in Engineering*, 30(7), 4177–4207. <https://doi.org/10.1007/s11831-023-09930-z>
4. **Ikotun, A. M.**, Ezugwu, A. E., Abualigah, L., Abuhaija, B., & Heming, J. (2023). K-means clustering algorithms: A comprehensive review, variants analysis, and advances in the era of big data. *Information Sciences*, 622, 178–210. <https://doi.org/10.1016/j.ins.2022.11.139>.
5. Ezugwu, A. E., **Ikotun, A. M.**, Oyelade, O. O., Abualigah, L., Agushaka, J. O., Eke, C. I., & Akinyelu, A. A. (2022). A comprehensive survey of clustering algorithms: State-of-the-art machine learning applications, taxonomy, challenges, and future research prospects. *Engineering Applications of Artificial Intelligence*, 110, 104743. <https://doi.org/10.1016/j.engappai.2022.104743>.
6. **Ikotun, A. M.**, & Ezugwu, A. E. (2022). Boosting k-means clustering with symbiotic organisms search for automatic clustering problems. *PLoS ONE*, 17(8), e0272861. <https://doi.org/10.1371/journal.pone.0272861>.
7. **Ikotun, A. M.**, & Ezugwu, A. E. (2022). Improved SOSK-means automatic clustering algorithm with a three-part mutualism phase and random weighted reflection coefficient for high-dimensional datasets. *Applied Science*, 12(24), 13019. <https://doi.org/10.3390/app122413019>.
8. **Ikotun, A. M.**, & Ezugwu, A. E. (2022). Enhanced firefly-K-means clustering with adaptive mutation and central limit theorem for automatic clustering of high-dimensional datasets. *Applied Sciences*, 12(23), 12275. <https://doi.org/10.3390/app122312275>.
9. **Ikotun, A. M.**, Almutari, M. S., & Ezugwu, A. E. (2021). K-means-based nature-inspired metaheuristic algorithms for automatic data clustering problems: recent advances and future directions. *Applied Sciences*, 11(23), 11246. <https://doi.org/10.3390/app112311246>.
10. Arogundade, O. T., Akinola, O. vS., Balogun, M., Abayomi-Alli, A. A., **Ikotun, A. M.**, Fadahunsi, I. G. & Abioye, T. E. (2021). A mobile application as a supporting tool for weight equalisation in animal experiments. *International Journal of Sustainable Agricultural Management and Informatics*, 7(1), 44. <https://doi.org/10.1504/ij sami.2021.113467>.
11. Abayomi-Alli, A. A., Arogundade, O., Misra, S., Akala M., **Ikotun, A. M.**, & Ojokoh, B. A. (2021). An ontology-based information extraction system for organic farming: Information extraction system for organic farming. *International Journal on Semantic Web and Information Systems* 17(2), 79–99. <https://doi.org/10.4018/ijswis.2021040105>.
12. **Ikotun, A. M.**, Opiarighodare, D. K., Adelokun, A. P., Okikiola, F. M. & Lawal, O. N. (2020). Computer aided diagnosis of breast cancer in human mammogram using support vector machine. *International Journal of Science and Engineering Investigations*, 9(106), 44-51. <http://www.ijsei.com/papers/ijsei-910620-07.pdf>
13. Okikiola, F. M., **Ikotun, A. M.**, Adelokun, A. P., & Ishola, P. E. (2020). A systematic review of health care ontology. *Asian Journal of Research in Computer Science*, 5(1), 15-28. <https://doi.org/10.9734/ajrcos/2020/v5i130125>.
14. Arogundade, O. T., Olotu, S. I., Abayomi-Alli, O., Misra, S., & **Ikotun, A. M.** (2020). A study of existing use case extensions and experience: a systematic review, *International Journal of Computer Mathematics Computer Systems Theory*, 5(4), 263–281. <https://doi.org/10.1080/23799927.2020.1815856>.
15. Arogundade, O. T., Owoade, U., Mustapha, A., **Ikotun, A. M.**, & Shukla, M. (2019). Design and implementation of mobile application for herbal medicine prescription for obstetrics and gynaecology

problems. *Covenant Journal of Informatics & Communication Technology*, 7(2), <https://journals.covenantuniversity.edu.ng/index.php/cjict/article/view/1817>

16. Arogundade O.T., Abioye T.E., Mustapha A.M., Adeniji A.M., **Ikotun A.M.**, & Asahiah F.O. (2018). Specifying and incorporating compliance requirements into software development Using UML and OCL. *Computational science and its applications – ICCSA 2018 Lecture Notes in Computer Science*, 10963, 511-526. https://doi.org/10.1007/978-3-319-95171-3_40
17. Okikiola, F. M., Adewale, O. S., Mustapha, A. M., **Ikotun, A. M.**, & Lawal, O. L. (2018). A framework for ontology based diabetes diagnosis using bayesian optimization techniques. *Journal of Natural Sciences Engineering and Technology*, 17(1), 156–168. <https://doi.org/10.51406/jnset.v17i1.1906>
18. Arogundade, O. T., Mustapha, O., **Ikotun, A. M.**, & Adejimi, A. O. (2017). An enhanced Technology acceptance model to measure customers willingness to pay more for secure software development. *Journal of Natural Sciences, Engineering and Technology*, 15(2), 103–118. <https://doi.org/10.51406/jnset.v15i2.1697>
19. Arogundade, O. T., Adejimi, A. O., Mustapha, A. N., **Ikotun A. M.**, & Akinwale, S. (2017). Investigation of factors affecting cloud computing adoption in Nigeria. *Journal of Natural Sciences Engineering and Technology*, 15(2), 73–94. <https://doi.org/10.51406/jnset.v15i2.1687>.
20. **Ikotun, A. M.**, Akinwale, A. T., & Arogundade, O. T. (2016). Parameter variation for linear equation solver using genetic algorithm. *Journal of Natural Sciences, Engineering and Technology*, 15(2), 42–50. <https://doi.org/10.51406/jnset.v15i2.1676>
21. **Ikotun, A.M.**, Okikiola, F.M. & Ishola, P. E. (2015). Students' project performance management system for effective final year project supervision. *International Journal of Science and Society*, Manuscript No. JSS/2015/030
22. **Ikotun A. M.**, Lawal O. N. & Adelokun A. P. (2011). The effectiveness of genetic algorithm in solving simultaneous equations. *International Journal of Computer Applications*, 14(8), 38-41. <https://doi.org/10.5120/1900-2534>
23. Arogundade O. T., **Ikotun A. M.**, Akinwale A. T., & Ogunlowo Olubunmi (2011). Optimizing deployment – scheme system using the concept of bin packing algorithm. *Ciit International Journal of Software Engineering and Technology*, 3(1), 1–8. <https://www.ciitresearch.org/dl/index.php/set/article/view/SE012011001>
24. Folorunso O. A., **Ikotun A. M.**, & Oyelami O. J. (2011). Visualizing pipeline sensors datasets using augmented reality based prototype. *International Journal of Advanced Science and Technology*, 32, 97 – 84. <https://telkomnika.uad.ac.id/index.php/TELKOMNIKA/article/view/684>
25. Folorunso O. A., Dzulfli M., Mahdi M. M., & **Ikotun A. M.** (2011). AR-based system prototype for visualizing pipeline sensors' datasets. *Journal of Computer Science and Applications*, 3(1), 73 – 84. <https://doi.org/10.12928/telkomnika.v9i1.684>
26. Arogundade O. T., **Ikotun A. M.**, & Olaniyi A. (2010). Developing a usage –centred e-payment model using open network system. *International Journal of Computer Applications*, 12(6), 44–49. <https://doi.org/10.5120/1679-2084>
27. Arogundade O. T., Adewumi A., & **Ikotun A. M.** (2010). A proposed usage centred model for a web-based application: digital library. *Ciit International Journal of Software Engineering and Technology*, 2(10), 270 – 274. <https://www.ciitresearch.org/dl/index.php/set/article/view/SE102010004>

B. Book Chapters

1. Abualigah, L., Abu-Dalhoum, E., **Ikotun, A. M.**, Zitar, R. A., Alsoud, A. R., Khodadadi, N., Ezugwu, A. E., Hanandeh, E. S., & Jia, H. (2024). "Teaching–Learning–Based Optimization Algorithm: Analysis Study and Its Application." In A. Laith (Ed), *Metaheuristic Optimization Algorithms*, (pp. 59-71). Morgan Kaufmann, 2024.
2. Abualigah, L., Ahmad, E. N., **Ikotun, A. M.**, Zitar, R. A., Alsoud, A. R., Khodadadi, N., Ezugwu, A. E., & Jia, H. "Animal Migration Optimization Algorithm: Novel Optimizer, Analysis, And Applications. (2024). "In A. Laith (Ed), *Metaheuristic Optimization Algorithms*, (pp. 33-43). Morgan Kaufmann.
3. Abualigah, L., Sbenaty, B., **Ikotun, A. M.**, Zitar, R. A., Alsoud, A. R., Khodadadi, N., Ezugwu, A. E., Hanandeh, E. S., & Jia, H. (2024). "Aquila Optimizer: Review, Results and Applications." In A. Laith (Ed), *Metaheuristic*

4. Abualigah, L., Ababneh, A., **Ikotun, A. M.**, Zitar, R. A., Alsoud, A. R., Khodadadi, N., Ezugwu, A. E., Hanandeh, E. S., & Jia, H. (2024). "A Survey of Cuckoo Search Algorithm: Optimizer and New Applications." In A. Laith (Ed), *Metaheuristic Optimization Algorithms*, (pp. 45-57). Morgan Kaufmann.
5. Abualigah, L., Sheikhan, A., **Ikotun, A. M.**, Zitar, R. A., Alsoud, A. R., Al-Shourbaji, I., Hussien, A. G., & Jia, H. (2024). "Particle Swarm Optimization Algorithm: Review and Applications." In A. Laith (Ed), *Metaheuristic Optimization Algorithms*, (pp. 1-14). Morgan Kaufmann.
6. Abualigah, L., Elkhalaifa, L., **Ikotun, A. M.**, Faisal, A., El-Bashir, M., Sumari, P., Shehab, M., Elminaam, D. A., & Ezugwu, A. E., (2024). Gradient-Based Optimizer: Analysis and Application of The Berry Software Product. In A. Laith (Ed), *Metaheuristic Optimization Algorithms*, (pp. 221-229). Morgan Kaufmann.
7. Abualigah, L., Al-Abadi, L., **Ikotun, A. M.**, Faisal, A., Izci, D., Zhang, P., Şahin, C. B., El-Bashir, M., & Sumari, P. (2024). "A Review of Mothflame Optimization Algorithm: Analysis and Applications." In A. Laith (Ed), *Metaheuristic Optimization Algorithms*, (pp. 205-219). Morgan Kaufmann.
8. Abualigah, L., Abusaleem, A., **Ikotun, A. M.**, Zitar, R. A., Alsoud, A. R., Khodadadi, N., Ezugwu, A. E., Hanandeh, E. S., & Jia, H. (2024). "Arithmetic Optimization Algorithm: A Review and Analysis." In A. Laith (Ed), *Metaheuristic Optimization Algorithms*, (pp. 73-87). Morgan Kaufmann.
9. Abualigah, L., Al-Zyod, M., **Ikotun, A. M.**, Shehab, M., Otair, M., Ezugwu, A. E., Hanandeh, E. S., Raza, A., & El-Kenawy, E. M., (2024). "A Review of Krill Herd Algorithm: Optimization and Its Applications." In A. Laith (Ed), *Metaheuristic Optimization Algorithms*, (pp. 231-239). Morgan Kaufmann.
10. Abualigah, L., **Ikotun, A. M.**, Zitar, R. A., Alsoud, A. R., Khodadadi, N., Ezugwu, A. E., Hanandeh, E. S., & Jia, H. (2024). "Whale Optimization Algorithm: Analysis and Full Survey." In A. Laith (Ed), *Metaheuristic Optimization Algorithms*, (pp. 105-115). Morgan Kaufmann.
11. Abualigah, L., Alshatti, S. M., **Ikotun, A. M.**, Zitar, R. A., Alsoud, A. R., Khodadadi, N., Ezugwu, A. E., Hanandeh, E. S., Jia, H., & Zare, M. (2024). "Spider Monkey Optimizations: Application Review and Results." In A. Laith (Ed), *Metaheuristic Optimization Algorithms*, (pp. 117-131). Morgan Kaufmann, 2024.
12. Abualigah, L., Al-Turk, A. A., **Ikotun, A. M.**, Zitar, R. A., Alsoud, A. R., Khodadadi, N., Hussien, A. G., & Jia, H. (2024). "Social Spider Optimization Algorithm: Survey and New Applications." In A. Laith (Ed), *Metaheuristic Optimization Algorithms*, (pp. 15-31). Morgan Kaufmann.
13. Abualigah, L., Odah, S., **Ikotun, A. M.**, Alsoud, A. R., Forestiero, A., Ezugwu, A. E., Hanandeh, E. S., Jia, H., & Zare, M. (2024). "Marine Predator's Algorithm: A Survey of Recent Applications." In A. Laith (Ed), *Metaheuristic Optimization Algorithms*, (pp. 133-145). Morgan Kaufmann.
14. Abualigah, L., Alnajdawi, S., **Ikotun, A. M.**, Forestiero, A., Gul, F., Ezugwu, A. E., Jia, H., Zare, M., Mahajan, S., Alshinwan, M. (2024). "Quantum Approximate Optimization Algorithm: A Review Study and Problems." In A. Laith (Ed), *Metaheuristic Optimization Algorithms*, (pp. 147-165). Morgan Kaufmann.

C. Conference and Seminar Papers

1. Bharat, R., **Ikotun, A. M.**, Ezugwu, A. E., Abualigah, L., Shehab, M., Zitar, R. A. (2023, February). A Real-Time Automatic Pothole Detection System Using Convolution Neural Networks. In Proceedings of the 3rd International Conference on Signal Processing and Machine Learning. Oxford, United Kingdom.
2. **Ikotun, A.M.**, Okikiola F. M. (2023, February). Intelligent Diabetes Detection System. In Proceedings of the 5th International Conference on Engineering and Technology Research on Technological Advancement Towards Sustainable National Development, Ladoke Akintola University of Technology, Oyo Nigeria.
3. Okikiola, F. M., **Ikotun A. M.**, Oladiboye O. & Isaac O. (2023, March). Design and Implementation of an Expert System for the Diagnosis of Prostate Cancer. In Proceedings of the 4th International Engineering Conference (IEC 2023) On Smart Engineering and Technology Innovation for Enhancing Economic Growth, Federal University of Technology, Minna, Nigeria.
4. Okikiola, F. M., Mustapha A. M., **Ikotun A. M.**, & Akomolede K. K. (2020, October). A Mobile-Based Lassa Fever Diagnosis and Recommendation System. In Proceedings of the 3rd International Conference & Workshop (Virtual) On "Social Media for Global Communication: Application, Vulnerability and Containment
5. Okikiola, F. M., **Ikotun A. M.**, Lawal O. N., & Oladiboye O. E. (2018, June). Enhancing Academic Planning in

6. Okikiola, F. M., Adewale, O. S., Mustapha, A. M., **Ikotun A. M.**, & Lawal, O. L., (2018). A Framework for An Improved Ontology Based Diabetes Diagnosis Using Bayesian Optimization Techniques. In Proceedings of the 2nd International Conference On "Applied Information Technology" (AIT 2017), Federal University of Agriculture, Abeokuta, Theme: Exploring Information Technology Innovations for National Development. Oct. 4th-6th
7. Lawal O. N., Aigbokhan, E. E., **Ikotun A. M.**, Okikiola M. F., & Oladiboye O. E. (2017). The Nexus of ICT And TSA For National Economic Development. In Proceedings of the 2017 Annual National Conference of Computer Educators Association of Nigeria (CEAN) At the Odua Hall, Ekiti State University, Ekiti, Nigeria. Oct. 23rd-26th
8. Lawal O. N., **Ikotun A. M.**, Aigbokhan E. E., Okikiola M. F., & Oladiboye O. E. (2017). The Pains and Gains in The Implementation of Treasury Single Account (TSA) In Nigeria. In Proceedings of the 4th International Conference of The School of Science. Dec. 4th-7th
9. Okikiola F.M., **Ikotun A. M.**, Oladiboye E.O. (2016). Home Based Diabetes Management System. In Proceedings of the 2nd International Conference of The School of Technical Education, Yaba College of Technology in Affiliation with University of Nigeria, Nsuka. Nov. 15th – 18th
10. **Ikotun, A. M.**, Akinwale, A. T., & Arogundade, O. T. (2015). Parameter Variation in Genetic Algorithm Linear Equation Solver. In Proceedings of the 1st International Conference on Applied Information Technology (AIT 2015), Theme: Emerging Trend in Applied Computing. Federal University of Agriculture, Abeokuta, Oct. 7th – 9th
11. **Ikotun, A. M.**, Okikiola, F.M. & Ishola, P. E. (2015). Student Project Performance Management System for Effective Final Year Project Supervision. In Proceedings of the 3rd International Conference and Exhibitions of School of Science on Role of Science in Achieving Sustainable Development Goals. Yaba College of Technology, Lagos, Nigeria, Nov. 11th-12th
12. **Ikotun, A. M.**, & Okikiola, F. M. (2015). Student Learning Capability in Learning Programming Language (Using Self Efficacy Model). In Proceedings of the 1st International Conference on Exploring Technological Advancement Through Innovative Engineering Idea. Multipurpose Theatre, Yaba College of Technology, Lagos, Nigeria. Nov. 24th – 26th.
13. Lawal, O.N., **Ikotun, A.M.**, & Adelokun, A.P. (2010, December). E-Campaign: Promoting Women Candidacy in Nigerian Democracy. In Proceedings of the 5th International Conference on Science, Engineering & Environmental Technology [NACONSEET 2010], Federal Polytechnic, Osun, Nigeria.
14. Ayannuga O. O., & **Ikotun, A.M.** (2008). Information and Communication Technology: A Vital Tool for Nigeria Vision 2020. 1st Annual National Conference of The School of Technology, Theme: Technology and Entrepreneurial Development: Road Map to Nigeria Vision 2020. Yaba College of Technology, Lagos, Nigeria, 6th –7th Aug.

D. Books

1. Adigun, J. O., **Ikotun, A. M.**, & Okikiola, F. M (2018). Introduction to Database Management System 2. *Samijo Media Concepts*, Lagos, Nigeria. ISBN: 978-978-56316-4-7.
2. **Ikotun, A. M.**, & Ogundele, I. O (2018). Fundamentals of Discrete Mathematics 2nd Edition. *Has-Fem Nigeria Enterprises*, Lagos Nigeria. ISBN: 978-978-54360-5-2.
3. Adigun, J. O., **Ikotun, A. M.**, & Okikiola, F. M (2015). Introduction to Database Management System. *Samijo Media Concepts*, Lagos, Nigeria. ISBN: 978-978-946-929-1.
4. **Ikotun, A. M.**, & Ogundele, I. O. (2014). Fundamentals of Discrete Mathematics. *Has-Fem Nigeria Enterprises*, Lagos Nigeria. ISBN: 978-987-915-899-7.
5. Yekini N. A., Oladosu O. A, & **Ikotun A. M.** (2011). Discrete Mathematics for Computer Science. *Has-Fem Nigeria Enterprises*, Lagos, Nigeria. ISBN: 978-987-915-899-7.

Course	Course Code	Programme	Institution
Discrete Mathematics	COM 128	Computer Science (National Diploma)	Yaba College of Technology
Database Design I	COM 312	Computer Science (HND)	Yaba College of Technology

Courses Taught

- Database Management Systems 1
- Database Management Systems 2
- Operating Systems
- Introduction to Computer
- Computer Application Packages
- Management Information Systems
- Data Structures
- Introduction to Discrete Mathematics
- System Analysis and Design
- Computer Programming
- Business Analysis and Design
- Business Information System
- Information Technology Project Management
- Information Systems Development

References

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