

# CURRICULUM VITAE

## **(A) PERSONAL DATA:**

NAME : ALIMI, OLASUNKANMI MARUF  
DATE OF BIRTH : 12<sup>th</sup> JUNE, 1965  
SEX : MALE  
NATIONALITY : NIGERIAN  
STATE OF ORIGIN : OYO  
LOCAL GOVT. AREA : IBADAN SOUTH WEST L.G.A.  
HOME TOWN : IBADAN  
PERMANENT HOME ADDRESS : SW4/675 OKE FOKO IBADAN  
CURRENT POSTAL ADDRESS : DEPARTMENT OF COMPUTER SCIENCE,  
: FACULTY OF NATURAL AND APPLIED SCIENCES,  
: AL-HIKMAH UNIVERSITY, ILORIN,  
: KWARA STATE – NIGERIA.  
TEL: : +234-(0)8035879918, +234-(0)8077422198  
E-MAIL ADDRESS : [alimiom@hotmail.com](mailto:alimiom@hotmail.com) OR [moalimi@alhikmah.edu.ng](mailto:moalimi@alhikmah.edu.ng)  
MARITAL STATUS : MARRIED WITH CHILDREN  
PRESENT RANK/G. LEVEL : ASSOCIATE PROFESSOR / AHUASS 06/08  
AREA OF INTEREST : Software Engineering and Information Systems  
Google Scholar URL:: <https://scholar.google.com/citations?hl=en&user=m3Ja3bUAAAAJ>  
Research Gate URL: : <https://www.researchgate.net/profile/Maruf-Alimi-2>

## **(B) ACADEMIC QUALIFICATIONS**

<b>QUALIFICATION</b>	<b>DATE</b>
1. Ph.D. (Computer Science), OAU, Ile-Ife.	Nov. 2012
2. M.Sc. (Computer Science), OAU, Ile-Ife.	Sept. 2006
3. Master of Business Administration (MBA), UDU, Sok.	Dec. 1998
4. Post Graduate Diploma in Management (PGDM), UDU Sok.	Dec. 1996
5. B.Sc.(HONS) (Computer Science) FUNAAB, Abeokuta Pass with <b><u>Second Class Upper</u></b>	June 1994
6. General Certificate of Education (GCE O' Level)	June 1990
7. National Certificate of Education (N.C.E Maths/stat) Pass with <b><u>Distinction in Maths and Credit in others.</u></b>	June 1988
8. West African School Certificate (WASC)	June 1985

**(C) INSTITUTIONS ATTENDED WITH DATES**  
**INSTITUTION**

**DATE**

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1. Adelagun Memorial Grammar School, Ibadan.	1980 - 1985
2. The Polytechnic Ibadan, Ibadan.	1985 - 1988
3. University of Agriculture (UNAAB), Abeokuta.	1990 - 1994
4. Usmanu Danfodiyo University, Sokoto.	1995 - 1996
5. Usmanu Danfodiyo University, Sokoto.	1996 - 1998
6. Obafemi Awolowo University, Ile-Ife.	2003 – 2006
7. Obafemi Awolowo University, Ile-Ife.	2007 - 2012
8. Koenig Solutions Pvt New Delhi, India.	2011 - 2012

**(D) PROFESSIONAL CERTIFICATE(S)**

1. **LAMP** (Linux, Apache, Mysql and Php) Certificate, New Delhi, India. Jan, 2012

**(E) COMPETENCIES AND SKILLS**

1. Lecturing of many computer science courses for undergraduate and postgraduate levels.
2. Lecturing Linux Operating System since 2012 till date at Kebbi State University of Science and Technology, Aliero, Kebbi State.
3. Development of **Eaglescan Anti-plagiarism Software for Nigerian Universities**: Member of Technical Team that developed Eaglescan software for AVCNU.
4. Development of **Payroll, NYSC, Locum, and Pension Software** for Usmanu Danfodiyo University Teaching Hospital, Sokoto.
5. **Payroll System** in use by Federal Neuro-Psychiatric Hospital, Kware, Sokoto State.; Usmanu Danfodiyo University Teaching Hospital, Sokoto, and Al-Hikmah University, Ilorin.
6. **Patient Management System** for Clinics: in use by Bone and Joint Orthopaedic Hospital, Besse Road, Runjin Sambo, Sokoto.
7. **Cooperative Society Automation Software**: Object oriented package for automatic update of member contributions, personal information, dividend report generations etc. Presently in use by Staff Multipurpose Cooperative Society(SMCS), UDUTH, Sokoto.; Islamic Medical Association of Nigeria (IMAN) Cooperative, UDUTH/UDUS, Sokoto; SMCS, Usmanu Danfodiyo University Sokoto; Multipurpose Cooperative Society, Psychiatric Hospital, Kware and Royal Cooperative, Gusau, Zamfara State, Specialist Hospital IMAN, Sokoto and Al-Hikmah University Cooperative, Ilorin.

**COURSES TAUGHT (in the last three years)**

(a) At the Undergraduate Level:

1. 2018/2019: CMP 415, CMP 403, CMP 420
2. 2019/2020: SEN201, SEN205, CYB204, CMP 415, CMP403, CMP420
3. 2020/2021: SEN201, CYB204, CMP 415, CMP403, CMP420

(b) At the Postgraduate Level

1. 2018/2019: CSC701 (Data structures and Algorithms)  
CSC803 (Advanced Computer Algorithm)  
CSC820 (E-Commerce Technology)
2. 2019/2020: CMP803 (Advanced Algorithms)  
CMP804 (Software Engineering)  
CSC701 (Data structures and Algorithms)  
CSC803 (Advanced Computer Algorithm)  
CSC820 (E-Commerce Technology)
3. 2020/2021: CMP803 (Advanced Computer Algorithm)  
CMP804 (Software Engineering)  
CSC701 (Data structures and Algorithms)  
CSC820 (E-Commerce Technology)  
CSC 803 (Advanced Computer Algorithm)

## **(F) RESEARCHES AND PUBLICATIONS**

### **(i) Dissertations**

1. **Alimi O. M. (2012)**. Development of a Cleanroom-Based Optimization Model for Software Reliability. (*Ph.D. Thesis*).
2. **Alimi O. M. (2006)**. Modelling and Analysis of Diffusion of Information and Communication Technology Tools (ICT) in Selected States in Nigeria. (*M.Sc. Thesis*)
3. **Alimi O. M. (1998)**. Economic Analysis of Management Information Systems (MIS) in an Organisation. (a case study of UDUTH, Sokoto). (*MBA Dissertation*)
4. **Alimi O. M. (1996)**. Management and Computer. (a case study of Ministry of Education Headquarters, Sokoto). (*PGDM Dissertation*)
5. **Alimi O. M. (1993)**. Evaluation of a Computerised Medical Advisor and Teaching System on Tropical Diseases. (*B.Sc. Project*).
6. **Alimi O. M. (1988)**. The Impact of Mathematics Laboratory on Mathematics Instruction in Secondary School. (*N.C.E. Project*).

### **(ii) Books, Journal Articles, Conference Proceedings and Workshop Papers**

#### **Book(s)**

1. **Alimi Maruf (2015)**. Modeling and Analysis of the Diffusion of ICT Tools, Published by Lambert Academic Publisher, Germany. ISBN 978-3-659-76822-4, September, 2015. <https://www.morebooks.de/store/gb/book/modelling-and-aanalysis-of-the-diffusion-of-ict-tools/isbn/978-3-659-7682> OR <https://www.amazon.com/Modelling-Aanalysis-Diffusion-ICT-Tools/dp/3659768227>

#### **Chapter in book(s)**

2. **Alimi O. Maruf (2020)**. Puerperal Psychosis Detection using Cleanroom-based Software Engineering Model *in the book titled Theory and Practice of Mathematics and Computer Science, Chapter 11; Published by Book Publisher International. Print ISBN 978-93-90206-63-6, September, 2020. Pp.120-127. DOI:10.9734/bpi/tpmcs/v2.*

## Journals

3. OYELAKIN Akinyemi Moruff, **ALIMI Olasunkanmi Maruf**, ABDULRAUF Tosho (2020). Performance Analysis of Selected Machine Learning Algorithms for the Classification of Phishing URLs. Published by **Journal of Computer Science and Control Systems, Universitatea din Oradea, Romania. Vol. 13 No.2 Pp 16-19.** [https://electroinf.uoradea.ro/images/articles/CERCETARE/Reviste/JCSCS/JCSC\\_V13\\_N2\\_oct\\_2020/JCSCS%20VOL%2013%20NO%202%20OCTOBER%202020%20Oyelakin\\_Performance.pdf](https://electroinf.uoradea.ro/images/articles/CERCETARE/Reviste/JCSCS/JCSC_V13_N2_oct_2020/JCSCS%20VOL%2013%20NO%202%20OCTOBER%202020%20Oyelakin_Performance.pdf)
4. **Alimi O. Maruf**, Usman-Hamza F. E., Mustapha I. O. and Ogidan B. S. (2018). Derivation of Reliability Estimation Model for Metrically Reliable Software Product Development. Published by **Pacific Journal of Science and Technology, Akamai University, USA. Vol. 19 No.1 Pp 182-188** [http://www.akamaiuniversity.us/PJST19\\_1\\_182.pdf](http://www.akamaiuniversity.us/PJST19_1_182.pdf)
5. Yakub Kayode SAHEED, Abdulsabur Oluseye AKANNI, **Maruf O ALIMI** and F.E. HAMZA-USMAN (2018). Influence of Discretization in Classification of Breast Cancer Disease. Published By *University of Pitesti Scientific Bulletin: Electronics And Computers Science, Vol.18, Issue 2, 2018. Pp. 13-20.*
6. I. O. Mustapha, R.G. Jimoh, J.C.Nwaiwu and **M. O. Alimi** (2018). An Optimized Intrusion Detection Model. Published by International Journal of Information Security, Privacy and Digital Forensics, Nigeria Computer Society (NCS). Vol.2 No.1 pp.89-101. [www.ncs.org.ng](http://www.ncs.org.ng)
7. Paul Godwin Daniel, **Alimi Olasunkanmi Maruf and Bala Modi** (2018). Paperless Master Timetabling Scheduling System. Published by International Journal of Applied Science and Technology (IJAST), Center for Promoting Ideas (CPI), USA. Vol.8 No.2 pp.58-68. [doi:10.30845/ijast.v8n2p7](https://doi.org/10.30845/ijast.v8n2p7)
8. Yakub K. Saheed, Ph.D.; Mustapha Aisha, B.Sc.; and **M. O. Alimi Ph.D** (2018). Development of an Android Based E-Learning System for the Hausa Language. Published by **Pacific Journal of Science and Technology, Akamai University, USA. Vol. 19 No.2 Pp 130-134** <http://www.akamaiuniversity.us/PJST.htm>
9. Muhsin Hassanu Saleh and **Alimi O. Maruf (2018)**. Development of an Enhanced AODV Energy Management model and Link Stability in MANET. Accepted for publication by **Annals. Computer Science Series Anale. Seria Informatica, Journal of Computer Science, Tibiscus University, Romania Vol. XVI. No.1. pp. 96-105.** <http://www.anale-informatica.tibiscus.ro/>
10. Isah O. Mustapha, Stephen Olabiyisi, Rasheed G. Jimoh, **Maruf O. Alimi** (2018). Performance Evaluation of Implementation Languages on Cognitive Complexity of Dijkstra Algorithm. Published by **Annals. Computer Science Series Anale. Seria Informatica, Journal of Computer Science, Tibiscus University, Romania Vol. XVI. No.1. pp. 49-54.** <http://www.anale-informatica.tibiscus.ro/>

11. **Alimi O. M.**, Isiaka A. and Salau-Ibrahim T. T. (2017). Development of Biometrics Controlled e-Voting System. Published by Computing, Information Systems, Development Informatics & Allied Research Journal, Society for Multidisciplinary & Advanced Research Techniques (SMART) and ICITD, Southern University, Baton Rouge, USA. **Vol.8 No.2. Pp.19-26. Available online at <http://www.isteam.net/cisdijournal>.**
12. G.O. Binuyo and **M. O. Alimi.** (2017). Assessment of the Approaches used in Indigenous Software Products Development in Nigeria. Published by **IOSR Journal of Computer Engineering (IOSR-JCE). Vol. 19 No1. Pp. 42-52.** link: [http://www.iosrjournals.org/iosr-jce/pages/19\(1\)Version-3.html](http://www.iosrjournals.org/iosr-jce/pages/19(1)Version-3.html). with **DOI : 10.9790/0661-1901034252**
13. *A.O. Ameen, O.A. Akanni, O.M. Alimi, S. Haliru* (2016). Design and Development of a Unified Subscribers' SIM Registration Platform Using Top-Down Approach. Published by The Information Technologist: An International Journal of Information and Communication Technology (I.C.T),(AJOL). Volume 13 NO 2. Pp. 91-104. <http://www.ajol.info/index.php/ict/article/view/150816>
14. G.O. Binuyo and **M. O. Alimi** (2016). Assessment of Best Practice of Software Development in Developing Nations. Published by The Information Technologist: An International Journal of Information and Communication Technology (I.C.T), (AJOL). Volume 13 NO 2. Pp. 115-123. <http://www.ajol.info/index.php/ict/article/view/150828>
15. **Alimi O. Maruf**, Amidu A. Quazeem, K. Jimoh and F.O.Alimi (2016). Viability of Computer-Based Examination in Developing Nations: The Way Forward. Published by International Journal of Computer Science, Engineering and Applications(IJCSEA), (AIRCC). Vol.6 No.1 Pp. 1-8. <http://airccj.org/cseconf/library/jvol.php?last=IJCSEA&volname=6&volno=2>
16. **Alimi O. Maruf**, Binuyo O.G., Gambo I.G and K. Jimoh (2016). Real time National Health Insurance Scheme(RNHIS): Means to Achieve Health for all. Published by International Journal of Computer Science, Engineering and Applications(IJCSEA),(AIRCC). Vol.6 No.2 Pp. 1-8. <http://airccj.org/cseconf/library/jvol.php?last=IJCSEA&volname=6&volno=2>
17. **O. M. Alimi**, B. S. Afolabi and and AO Akanni (2016). Cleanroom-based Software Development for early Detection of Puerperal Psychosis in Nursing Mother. Published by International Journal of Computer Science and Software Engineering (IJCSE). Dorna Trading, Est. Publishing Manager, UAE. Vol.5 No.1. Pp. 1-4. <http://ijcsse.org/published/volume5/issue1/index.php>
18. **Alimi O. M.** (2015). Midwifery and Informatics Interoperability: Means of Better midwives Service Delivery. Published by Australian Journal of Information Technology. Vol. 2 No. 2, 2015. Pp 1-6.
19. **Alimi O. M.**, Adagunodo E. R., Afolabi B.S., Gambo I. P. Binuyo O.G. (2011). *Development of a Cleanroom-based E-Payment: ICT means of achieving vision 20:2020.*

Published by International Journal of Emerging Technologies in Science and Engineering (IJETSE), Canada. Vol.4 No2.Pp. 86-94.

20. D.O. Ayanda, A.I. Oluwaranti, S.I. Eludiora, **O.M. Alimi** (2011). *Harnessing the Potentials of Wireless Sensor Networks in the Context of Developing Countries: A Theoretical Perspective*. Published by International Journal of Emerging Technologies in Science and Engineering (IJETSE), Canada. Vol.4 No.1. Pp 084\_089
21. Ibrahim M.O., **Alimi O. M.**, Chiawa M. A. and Babatunde A. O.(2009). *Mathematical Model of Pharmacokinetics*. Published by ABACUS.(Journal of Mathematical Association of Nigeria) Vol.36 No.2 pp.114 -116.
22. Ibrahim M. O. and **Alimi O. M.** (2007), Mathematical Model of Tuberculosis. The Beam, Journal of Arts and Science Vol. 7. pp.17-18.
23. Ibrahim M. O. and **Alimi O. M.** (2007), Mathematical Model of Cholera. The Beam, Journal of Arts and Science Vol.7. pp.42-44.
24. Ibrahim M. O. and **Alimi O. M.** (2007). Computer Simulation of HIV/AIDS Model. The Beam, Journal of Arts and Science Vol. 7 pp.65-67.
25. **Alimi O. M.** (2007). *Labour Room Software Development and its Importance to the Obstetrician and Gynaecologist*. Published by Sahel Medical Journal. Usmanu Danfodiyo University Teaching Hospital, Sokoto. Vol.10 No.2 April - June, 2007. pp. 53-57.(AJOL) <http://www.smjonline.org/>
26. **Alimi O. M.** (2007). *Information Technology (IT) Tools Diffusion Model Derivation and Application*. Published by Nigeria Journal of Mathematics and Applications (NJMA), University of Ilorin. Vol.18, March, 2007. pp53-64.
27. **Alimi O. M.** (2005). *Comprehensive Information System Development in the Tertiary Hospital*. Published by Sahel Medical Journal. Usmanu Danfodiyo University Teaching Hospital, Sokoto. Vol.8,No.4, Oct.-Dec., 2005. pp.95-99. (AJOL) <http://www.smjonline.org/>

### **Conference Proceedings**

28. Afariogun A, **Alimi O. M.**, Saheed Y.K. and Mustapha L.O. (2019). Arduino–Based Embedded Software Controlled Solar Radiation Processes and Calculation System. Proceedings of the 18<sup>th</sup> iSTEAMS Multidisciplinary Cross-Border Conference, University of Ghana, Legon, Accra, Ghana, 28<sup>th</sup>-30<sup>th</sup> July, 2019. Pp 45-56. [www.isteam.net-DOI](http://www.isteam.net-DOI)Affix-<https://doi.org/10.22624/AIMS/iSTEAMS-2019/V18N1P5>.
29. Kamoru Jimoh, Yakubu kayode Saheed and **Maruf O. Alimi** (2018). Colon Cancer Classification and Patients' Survival Detection Using Support Vector Machine Kernels. Published in the International Conference Proceedings of the 14th iSTEAMS International Multidisciplinary Conference. Vol14, pp.159-164.

30. **Alimi Olasunkanmi Maruf (2018)**. *Emerging Technologies: Indispensable Tools for Blended Learning and Innovation*. Published in the International Conference Proceedings of Association for Innovative Technology Integration in Education (AITIE). Vol.2, pp.1-14.
31. **Alimi O. M.**, Adagunodo E. R. and Gambo I. P. (2009). *Cleanroom Electoral Software Engineering Approach as a Means of Reliable E-Voting System*. Published in the International Conference Proceedings of Nigeria Computer Society. Vol.20, pp.297-302.
32. Ibrahim M.O., **Alimi O. M.**, Chiawa M. A. and Babatunde A. O. (2009). *The use of Mathematical Modeling in Understanding Schistosomiasis*. Published in Parasitology and Public-Health Society of Nigeria Conference Proceedings of 33<sup>rd</sup> Annual Conference of the Parasitology and Public Health Society of Nigeria 17<sup>th</sup> -21<sup>st</sup> November, 2009.
33. **Alimi O. M. (2006)**. *Urban-Rural Digital Divide in Sokoto State*. Published in Conference Proceedings of Nigeria Computer Society. Vol.17, pp.71-78.
34. **Alimi O. M. (2006)**. Information and Communication Technology (ICT) Tools Diffusion in Sokoto State and its Effect on Open University System. Published in Conference Proceedings of Nigeria Computer Society. Vol.17, pp.267-276.

#### **Articles Accepted for Publication**

35. **Alimi Olasunkanmi Maruf** and Mukhtar Ibrahim Hussaini (2021). Text-To-Speech Input Normalization Algorithm for Medical Prescription. Accepted for publication by International Journal of Computing, Intelligence and Security Research (IJCISR). Publisher: Nigerian Defense Academy (NDA).
36. Isah O. Mustapha, Rasheed G. Jimoh, **Maruf O. Alimi (2018)**. **COGNITIVE COMPLEXITY ANALYSIS FOR A MOBILE AGENT BASED INTRUSION DETECTION SYSTEM**. Accepted for Publication in the Journal of Computer Science and its Applications. Publisher: Nigeria Computer Society (NCS).
37. Saheed Y. Kayode, Ibrahim, S.A, **Alimi O. Maruf** and Ibrahim W.M (2018). Artificial Neural Network for Breast Cancer Classification. Publisher: *University of Tehran Journal of Science and Technology*.

#### **Research Output/Efforts (Unpublished Works)**

38. **Alimi Olasunkanmi Maruf (Ph.D.) (2020)**. Use of Course Outline, Telegram, WhatsApp, E-Note, Audio Note and Zoom for Teaching and Learning during COVID19 Pandemic Holiday. Presented at the Workshop on **E-learning Platform (EP) Training** organised by School of Preliminary Studies, University of Ilorin, Nigeria. Held at Science Lecture Hall, Fufu. 18<sup>th</sup> -19<sup>th</sup> May, 2020.
39. **Alimi Olasunkanmi Maruf (Ph.D.) (2020)**. Use of WhatsApp, E-Note, Audio Note and Zoom for Teaching and Learning during COVID19 Pandemic Holiday. Presented at the

Workshop on **Teaching on E-Platforms** organized by Al-Hikmah University, Ilorin. 23<sup>rd</sup> - 24<sup>th</sup> March, 2020.

40. **Alimi Olasunkanmi Maruf (Ph.D.) (2020)**. Use of Zoom Video conferencing Application for Students, Lectures and Examinations. Book on Teaching and Learning on E-Platforms; Step by Step Approach. By ICT Online Training Team, Al-Hikmah University, Ilorin.
41. **Alimi O. Maruf. (1995)**. *Computer as an Instrument of Development in Education*. A paper presented at the workshop organised by Sakkwato Historical Project, Sokoto. 24<sup>th</sup> - 25<sup>th</sup> Sept. 1995.

### **Book of Abstract**

42. **Alimi O. Maruf, Saheed Y. K. Salau T. T. & Gbolagade M. D. (2018)**. Framework of RFID Controlled Id-Card Software-Based Technique for Tracking Criminals in Public Places. Published in 14<sup>th</sup> iSTEAMS Conference with the Theme: Scaling Multi-throng and Allied Research Using Advance Research Techniques (SMART-2018), at Al-Hikmah University, Ilorin. 11<sup>th</sup> - 13<sup>th</sup> December, 2018. p.265.
43. D.O. Ayanda, A. I. Oluwaranti, **O. M. Alimi (2010)**. Wireless Sensor Networks: Applications of Ubiquitous Computing in Achieving Vision 20:2020. Millenium Development Goals in Nigeria. Published in 6<sup>th</sup> Annual Research Conference and Fair with Theme: Optimizing Research and Development Through Collaborating with Industry, University of Lagos. 20<sup>th</sup> -21<sup>st</sup> October 2010.
44. Ibrahim M.O., **Alimi O. M.**, Chiawa M. A. and Babatunde A. O.(2009). *The use of mathematical modelling in understanding schistosomiasis*. Published by Parasitology and Public-Health Society of Nigeria Book of Abstracts. 33<sup>rd</sup> Annual Conference of the Parasitology and Public Health Society of Nigeria 17<sup>th</sup> -21<sup>st</sup> November, 2009. p.91.

### **Paper(s) Published in Magazines**

45. **Alimi O. M. (2014)**. Midwifery and Informatics Interoperability: Means of Better midwives Service Delivery. Published in School of Post Basic Midwifery Year Book. pp,77-78
46. **Alimi O.M. (1999)**. *Computer Application*. Published by The Datacom Magazine, Al-Umma Printing Ltd, Sokoto. pp.24-26.

### **Researches Working On**

1. Development of RFID Controlled Id-Card Software as Means of Tracking Criminals in Public Places.
2. Development of an International Web Based Software for Tracking Cross Border Stolen Vehicle Using Component Based Software Engineering Model.
3. Effect of wholesale pricing of bandwidth and maximum period of GSM network data policy on struggling economy



4. Book on Computer and Cooperative Management Software (using some Functional and Non Functional Software Requirements Engineering).

## **(G) CONFERENCE /WORKSHOP ATTENDANCE**

1. Webinar on **Internationalization of Email Address Systems** organised by the Association of African Universities (AAU) and the Internet Corporation for Assigned Names and Numbers (ICANN). 1300GMT - translating to 1400 Nigeria, 1500 Southern Africa & Cairo & 1600 East Africa. Monday, 16<sup>th</sup> November, 2020.
2. Webinar on **Risk of Offering Online Examinations without a Lockdown Browser** organised by mElimu Nairobi ([www.melimu.com](http://www.melimu.com)). Held online 11.30am **Nairobi**, 9.30am Nigeria time for Academic Integrity and Quality Assurance. Friday, 25<sup>th</sup> September, 2020.
3. Facilitator at the Workshop on **E-learning Platform (EP) Training** organised by School of Preliminary Studies, University of Ilorin, Nigeria. Held at Science Lecture Hall, Fufu. 18<sup>th</sup> - 19<sup>th</sup> May, 2020.
4. Resource Person at a Two-Day Workshop on **Teaching on E-Platforms**, organised by Centre for ICT and Distance Learning (CIDL), Al-Hikmah University, Ilorin. Held at Adeta Campus. 23<sup>rd</sup> - 24<sup>th</sup> March, 2020.
5. Cross border 18<sup>th</sup> iSTEAMS International Conference on **Addressing Human-Centred Challenges through Multidisciplinary Innovations and Inter-tertiary Collaboration**, by International Sciences, Technology, Education, Arts, Management & Social Sciences Society, (iSTEAMS) held at Balme Library, University of Ghana, Legon Accra, Ghana. 28<sup>th</sup> -30<sup>th</sup> July, 2019.
6. 14<sup>th</sup> iSTEAMS International Multidisciplinary Conference on **Scaling Multi-throng and Allied Research Using Advance Research Techniques**, by International Sciences, Technology, Education, Arts, Management & Social Sciences Society, (iSTEAMS) held at the University Auditorium, Al-Hikmah University, Ilorin Nigeria. 11<sup>th</sup> -13<sup>th</sup> December, 2018.
7. International Conference on **Blended Learning: Integrating Technology into Instruction**, by Association for Innovative Technology Integration in Education (AITIE). (**As Lead Paper Presenter**), held at Ebitimi Banigo Hall, University of Port-Harcourt, Rivers State, Nigeria. 9<sup>th</sup> -12<sup>th</sup>, July, 2018.
8. 2018 Information Technology (IT) Assembly on “**Professionalism in Information technology; Past, Present and Future**”, by Computer Professional Registration Council of Nigeria, held at Abuja International Conference Centre, Area 11, Abuja. 20<sup>th</sup> – 21<sup>st</sup>, June 2018.
9. Workshop on **Student Assessment and Grading System**, organised by Faculty of Education, Al-Hikmah University, Ilorin, at the University Auditorium,. 20<sup>th</sup> – 21<sup>st</sup>, February, 2018.

10. Symposium on ***Policy and Practice in Open and Distance Learning***, organised by National University Commission (NUC)/University of London at Idris Abdulkadir Auditorium, NUC, Maitama Abuja. 7<sup>th</sup> November, 2017.
11. 2016 e-Nigeria Conference with the theme “***Leveraging ICT Innovation for Economic Diversification***”, by National Information Technology Development Agency (NITDA), held at International Conference Centre, Abuja, Nigeria. 22<sup>nd</sup> -24<sup>th</sup> November, 2016.
12. 2013 e-Nigeria Conference on ***Local Content in ICT Development in Nigeria: The Journey so far***, by National Information Technology Development Agency (NITDA), held at Shehu Musa Yar'Adua Centre, Abuja, Nigeria. 3<sup>rd</sup> - 5<sup>th</sup> December, 2013.
13. 23<sup>rd</sup> National Conference on ***Realising a Stable Democratic Political System in Nigeria: IT Tools and Strategies (RESDEMIT 2010)***, by Nigeria Computer Society(NCS), held at Asaba, Delta State - Nigeria. 26<sup>th</sup> -30<sup>th</sup> July, 2010.
14. 2010 Information Technology Assembly organised by Computer Professional Registration Council of Nigeria. 28<sup>th</sup> June - 3<sup>rd</sup> July 2010, at NICON Luxury, Abuja.
15. 9<sup>th</sup> International Conference on ***Managing Current Global Challenges: Information Technology Strategies and Tools (MaCGlobe'09)***, by Nigeria Computer Society (NCS), held at ECOWAS Commission, Abuja - Nigeria. 21<sup>st</sup> -24<sup>th</sup> July, 2009.
16. Annual Conference on ***Framework for IT Penetration in Rural Nigeria***, by Nigeria Computer Society (NCS), held at ABTI American University of Nigeria, Yola and Banquet Hall Govt. House Adamawa State, Yola-Nigeria. 13<sup>th</sup> -16<sup>th</sup> June, 2006.
17. Workshop on ***Intranet***, by Computer Association of Nigeria(COAN) now Nigeria Computer Society(NCS) held at Airport Hotel, Ikeja Lagos, 24<sup>th</sup> August, 2000.

**(H) UNDER GRADUATE PROJECT STUDENTS' SUPERVISION**

I have supervised 100s of students since 1997.

**(I) POST GRADUATE DISERTATION/THESIS STUDENTS' SUPERVISION**

**(i) Completed**

1. **Muhsin Hassanu Saleh**. Reg. No. MSC./14/CSC/0147. Modeling and Analysis of AODV Routing Protocol in Mobile Ad-Hoc Network (MANET). Umaru Musa Yaradua University, Katsina. – **M.Sc. Thesis, Main Supervisor.**
2. **Ajayi Olugbenga Akinbola**. Reg.No. PGS/02/15202608. Modeling and Analysis of Failure Impact on Enterprise Cloud Computing Costing. Kebbi State University of Science and Technology, Aliero. - **M.Sc. Thesis, Main Supervisor.**
3. **Bello, Abubakar Bodinga**. Reg.No. PGS/02/15202615. An Enhanced Naïve Bayes Algorithm to Determine the Relationship between Diabetes and Heart Disease in Diabetic Patient. - **M.Sc. Thesis, Main Supervisor.**
4. **Ayuba Liman** Reg.No. PGS/02/15202609. Development of Cryptographic model for End to End nodes Message Security. - **M.Sc. Thesis, Main Supervisor**

5. **Abubakar Muhammad H.** Reg.No. PGS/02/15202611. Development of Data Mining Privacy Protection Model and Application. Kebbi State University of Science and Technology, Aliero. - **M.Sc. Thesis, *Main Supervisor***.
6. **Daniel Paul Godwin.** Reg. No. PGS/02/16202624. Simulation of Black Hole Attack and Zone Based Energy Efficient Routing Protocol for Mobile Sensor Networks. - **M.Sc. Thesis, *Main Supervisor***.

**(ii) Under supervision**

**PhD under Supervision**

1. **BENYA, Adeyanju Jamiu.** (Proposal Level) Al-Hikmah University, Ilorin. - **Ph.D. Thesis, *Main Supervisor*** (Commenced 2021).
2. **BURAIMOH, Olawale Henry.** (Proposal Level) Al-Hikmah University, Ilorin.- **Ph.D. Thesis, *Main Supervisor*** (Commenced 2021)
3. **Afrifa James** Reg. No. PGS/04/19202601. Predicting Students' Academic Performance and Improving Learning Mechanism Using Machine Learning Technique. KSUSTA. - **Ph.D. Thesis, *Co-Supervisor*** (Commenced 2020).

**M.Sc. under Supervision**

4. **Zubair Kamaldeen,** 190603CMP003. Development of Hybrid Cloud Data Security Using Encryption and Steganography. Al-Hikmah University, Ilorin. – **M.Sc. Thesis, *Main Supervisor*** (Commenced 2021)
5. **Abdulganiyu Aminat,** 14/03CS088. Development of an Enhanced Algorithm for GSM Remote Switching System. Al-Hikmah University, Ilorin. – **M.Sc. Thesis, *Main Supervisor*** (Commenced 2021)
6. **Musa Aliyu.** Reg. No. MSC/14/CSC/0109. Enhancement of dynamic Channel Allocation Scheme Algorithm. Umaru Musa Yaradua University, Katsina. - **M.Sc. Thesis, *Co-Supervisor***. (Commenced 2015)
7. **Hassan Muhammad Aliyu.** Reg. No. PGS/02/15202625. Developing an Organisational Readiness Framework for Ipv6 Migration: *A Case for Nigerian Universities*. - M.Sc. Thesis, ***Co-Supervisor*** (Commenced 2016)
8. **Peter Danjuma Wanda.** Reg. No. PGS/02/16202616. Development of an Enhanced Round Robin Routing Protocol for Energy Balancing in Wireless Sensor Networks. - M.Sc. Thesis, ***Main Supervisor*** (Commenced 2017)
9. **Mukhtar Ibrahim Hussaini.** Reg. No. PGS/02/16202617. Development of Text-to-Speech Normalization Algorithm for Medical Prescription. - M.Sc. Thesis, ***Main Supervisor*** (Commenced 2017)
10. **Haruna Aminu Enefolo** Reg. No. PGS/02/17202612. Mitigating Cyber Attack in Cloud Computing Environment Using Multi-Level Security –Base Intrusion Detection Scheme. - M.Sc. Thesis, ***Main Supervisor*** (Commenced 2018)
11. **Sadauki Bako** Reg. No. PGS/02/17202606. Development of an Agent-Based Performance Evaluation Model. - M.Sc. Thesis, ***Main Supervisor*** (Commenced 2018)

**Postgraduate External Examination**

1. **Tajudeen, Kafayat Odunayo.** Reg. No. 18/27/MCS021. Improving Advanced Encryption Standard Performance with Residue Number System. School of Postgraduate Studies, Kwara State University, Malalete.. – ***M.Sc. Thesis***.
2. **Giwa, Tawakalitu Afoluwaso.** Reg. No. 18/27/MCS011. Data Security with Hybridized Honey Encryption Using Residue Number System. School of Postgraduate Studies, Kwara State University, Malalete.. – ***M.Sc. Thesis***.

**(J) WORKING EXPERIENCE**

1. **Associate Professor**, Department of Computer Science, Al-Hikmah University, Ilorin – Nigeria. 2019 to date
2. Visiting **Associate Professor**, Department of Computer Science, Kebbi State University of Science and Technology, Aliero, Kebbi State, 2020 to date
3. **Senior Lecturer**, Department of Computer Science, Al-Hikmah University, Ilorin – Nigeria. 2015 to 2019.
4. Visiting **Senior Lecturer**, Department of Computer Science, Kebbi State University of Science and Technology, Aliero, Kebbi State, 2012 to date
5. Visiting **Senior Lecturer**, Department of Mathematics and Computer Science, Umaru Musa Yar’adua University, Katsina, Katsina State, 2014 to 2017.
6. **Assistant Director Programmer/Analyst**, Usmanu Danfodiyo University Teaching Hospital, Sokoto, 2013 to 2015.
7. **Chief Programmer/Analyst**, Usmanu Danfodiyo University Teaching Hospital, Sokoto. 2009 to 2012.
8. **Assistant Chief Programmer/Analyst**, Usmanu Danfodiyo University Teaching Hospital, Sokoto, 2004 to 2009.
9. **Principal Programmer/Analyst**, Usmanu Danfodiyo University Teaching Hospital, Sokoto. 2000 to 2004.
10. **Lecturer**, Computer, School of Post Basic Midwifery, Usmanu Danfodiyo University, Teaching Hospital Sokoto. 2009 to 2015.
11. **Lecturer**, Statistics, School of Nursing, Usmanu Danfodiyo University, Teaching Hospital Sokoto. 2005 to 2015.
12. **Lecturer**, Computer Courses, Computer Science Unit, Mathematics Department, Usmanu Danfodiyo University, Sokoto, 1997 to 2003; 2006.
13. **Lecturer**, Information Technology, Computer and Statistics, School of Health Information Management (SHIM), Usmanu Danfodiyo University Teaching Hospital, Sokoto, 1999 to 2012.
14. **Senior Programmer/Analyst** at Usmanu Danfodiyo University Teaching Hospital, Sokoto, 1996 to 1999.
15. **Part-time Lecturer**, Computer Courses, Netcom Computers, Sokoto, 1999.
16. **Systems Analyst**, Ministry of Education Headquarters, June 1995 - Oct., 1996.

17. **Computer Consultant**, Sokoto College of Arts and Science (SCAS) now Sokoto State Polytechnic. 1995.
18. **Part-time Lecturer**, Computer Courses, Megatech Computer School, No 9 Kano Road, Sokoto, 1995 to 2003.
19. **Part time lecturer**, Caliphate Computers, No 7 Kano Road, Sokoto. 1995 to 1997.
20. **Computer Scientist**, Computer Centre, Statistics Unit, Ministry of Education Headquarters Sokoto (NYSC). June, 1994 to May, 1995.
21. **Part-time Lecturer**, Computer, IDPM I&II at ABEOCEC Awolowo Avenue, Abeokuta, 1994.
22. **Part-time Lecturer**, Statistics, Competent Centre, Reverend Kuti Memorial Grammar School, Abeokuta for NIB (Banking) Examination, 1993.
23. **Part-time Lecturer**, Mathematics and Statistics, RANOF Institute of Management, Abeokuta, 1993.
24. **Computer Operator**, Forestry Research Institute of Nigeria (FRIN) Jericho Ibadan. (On Industrial attachment), 1992.
25. **Mathematics teacher**, Okebola Comprehensive high School Ibadan, 1989 to 1990.
26. **Mathematics teacher**, Oke'badan High School Ibadan (Oyo state Service), 1989.
27. **Mathematics teacher**, Teaching Practice at Bishop Philip Academy Iwo Road Ibadan, 1988.

**(K) ADMINISTRATIVE POSTS**

1. **Ag. Dean**: Faculty of Natural and Applied Sciences, Al-Hikmah University, Ilorin, Nigeria. 4<sup>th</sup> May, 2020 to 1<sup>st</sup> September, 2020.
2. **Ag. HOD**: Department of Computer Science, Al-Hikmah University, Ilorin, Nigeria. 4<sup>th</sup> April, 2018 to 4<sup>th</sup> May, 2020.
3. **Ag. Director**: Centre for ICT and Distance Learning (CIDL), Al-Hikmah University, Ilorin, Nigeria. July, 2016 to 1<sup>st</sup> September, 2020.
4. **Ag. HOD**: Department of Physical Sciences, Al-Hikmah University, Ilorin, Nigeria. March, 2017 to April, 2018.
5. **Coordinator**: Computer Science Programme, Department of Physical Sciences, Al-Hikmah University, Ilorin, Nigeria. Sept., 2016 to March 2017.
6. **Assistant Director**: ICT, Usmanu Danfodiyo University Teaching Hospital, Sokoto, 2013 to 2015.

7. **Head:** Software Development Unit, I.C.T. Department, Usmanu Danfodiyo University Teaching Hospital, Sokoto. 2012 to 2015.
8. **H. O. D:** Department of Management Information Systems (MIS), Usmanu Danfodiyo University Teaching Hospital, Sokoto. 1997 - 2003.

**(L) COMMUNITY SERVICES**

1. **External Examiner:** School of Postgraduate Studies, Kwara State University, Malete-Ilorin, Kwara State. Theses final oral examination for M.Sc. Computer Science Students. 16<sup>th</sup> December, 2020.
2. **Member:** LOC, Centre for Research (CRIIC) International Conference, Al-Hikmah University, Ilorin, Nigeria. December, 2020.
3. **Chairman:** Reconstitution of Faculty Journal Committee, Faculty of Natural and Applied Sciences, Al-Hikmah University, Ilorin, Nigeria. October, 2020.
4. **Member:** Committee on Drafting of University Research Policy, Al-Hikmah University, Ilorin, Nigeria. September, 2020.
5. **Member:** Committee on Postgraduate Prospectus and Guidelines, Al-Hikmah University, Ilorin, Nigeria. May, 2020.
6. **Co-Chairman:** Online Examination Planning Committee, Al-Hikmah University, Ilorin, Nigeria. April, 2020.
7. **Facilitator:** Two-Day Workshop on **E-learning Platform (EP) Training** organised by School of Preliminary Studies, University of Ilorin, Nigeria. Held at Science Lecture Hall, Fufu. 18<sup>th</sup> -19<sup>th</sup> May, 2020.
8. **Coordinator and Resource Person:** Two-Day Workshop on E-Platform Teaching Training, by Al-Hikmah University, Ilorin. 23<sup>rd</sup> -24<sup>th</sup> March, 2020.
9. **Chairman:** Convocation Security Sub-Committee, Al-Hikmah University, Ilorin, Nigeria. October, 2019.
10. **Radio talk:** Royal FM, Ilorin. On Distance Learning, September, 2019.
11. **Member:** Financial Reconciliation Committee, Al-Hikmah University, Ilorin, Nigeria. June, 2019 to 2020.
12. **Member:** Ad-hoc Committee on Examination Results Processing to Senate, Al-Hikmah University, Ilorin, Nigeria. 2019.
13. **Radio talk:** Royal FM, Ilorin. On ICT and Information Management Programmes, March, 2019.

14. **Chairman: LOC**, 14<sup>th</sup> iSTEAMS International Conference by Society for Multidisciplinary & Advanced Research Techniques in Africa in collaboration with Al-Hikmah University, Ilorin. 11-13 December, 2018
15. **Member:** Senate (Statutory), Al-Hikmah University, Ilorin. 2016 to 2020.
16. **Member:** Strategic Plan Committee, Al-Hikmah University, Ilorin. 2017.
17. **Resource Person:** to conduct Practical Appraisal Test for Computer Typists and Confidential Secretaries in all Departments/Units of the University. Al-Hikmah University, Ilorin. July, 2017.
18. **Member:** Committee of Provosts, Deans and Directors, Al-Hikmah University, Ilorin. 2017 to 2020.
19. **Member:** Business Committee of Senate (BCOS), Al-Hikmah University, Ilorin. 2017 to 2020.
20. **Member:** Technical Committee on Anti-Plagiarism Software Development for Nigerian Universities by Council of Vice-Chancellors of Nigeria Universities. January, 2016 to date.
21. **Chairman:** Islamic Medical Association of Nigeria (IMAN) Cooperative, Usmanu Danfodiyo University/ Teaching Hospital, Sokoto. Jan. 2014 to Jan. 2016.
22. **External Examiner:** School of Health Information Management, Usmanu Danfodiyo University Teaching Hospital, Sokoto. 2014.
23. **Resource Person:** Curriculum Review for National Diploma (ND)/ Higher National Diploma (HND) by NBTE and Health Records Officers Registration Board of Nigeria (HRORBN). 2013.
24. **Member:** Salary Variation Standing Committee, Usmanu Danfodiyo University Teaching Hospital, Sokoto. 2012 to 2015.
25. **Adviser:** Yoruba Technician Association of Nigeria, Sokoto State Branch. 2012 to date.
26. **Publicity Secretary:** Islamic Medical Association of Nigeria (IMAN), UDUTH/UDUS Chapter, Usmanu Danfodiyo University/ Teaching Hospital, Sokoto. 2010 to 2016.
27. **P. R. O.:** Nigeria Computer Society (NCS), Sokoto State Chapter. 2009 to 2014.
28. **Treasurer:** Staff Multipurpose Cooperative Society, Usmanu Danfodiyo University Teaching Hospital, Sokoto. 2007 to 2014
29. **P. R. O.:** The Patient Welfare Committee, Usmanu Danfodiyo University Teaching Hospital, Sokoto. 1999 to 2016.
30. **Member:** Salary Scrutinizing Committee, Usmanu Danfodiyo University Teaching Hospital, Sokoto, July, 2000.

31. **Member:** Time Table Committee (1999), and Examination Committee 2001 for School of Health Records and Bio-Statistics, Usmanu Danfodiyo University Teaching Hospital, Sokoto.
32. **Co-ordinator:** Computer Workshop on Computer Application to Medical Services. Dec. 1997.
33. **Treasurer:** Muslim Corpers' Association of Nigeria (MCAN) Sokoto State Branch, 1994-1995.
34. **General Secretary:** Mathematical Sciences Students Association of Nigeria, University of Agric. Abeokuta. (UNAAB), 1991/92 session.
35. **Chairman:** Academic Committee, Muslim Student Society (MSS), University of Agriculture, Abeokuta (UNAAB), 1993.
36. **Library Prefect:** Adelagun Memorial Grammar School, Odinjo - Ibadan 1984/85 session.

**(M) AWARD RECEIVED**

1. **Direct Entrant Award** as one of the best University Direct Entrant to UNAAB. (03/04/1991)(=N=500.00).
2. **Best Student at each Level Award** UNAAB, for 1990/91 session (18/03/1992) (=N=500.00).
3. Best Student in the Department "**Departmental Proficiency Award**" UNAAB, for 1990/91 session.( 18/03/1992) (=N=1,000.00)
4. **Merit Award** by the Nigerian Association of Computer Science Students, (NACOSS) Usmanu Danfodiyo University, Sokoto. (27<sup>th</sup> Nov., 1999).
5. **Merit Award** by the Muslim Corpers' Association of Nigerian (MCAN), Sokoto State Branch. (10<sup>th</sup> Dec., 2005).
6. **Outstanding Performance Award** Certificate by Nigeria Computer Society (NCS) (23<sup>rd</sup> July, 2009).
7. **Merit Award** by the Islamic Medical Association of Nigeria (IMAN) Cooperative, Usmanu Danfodiyo University/Teaching Hospital, Sokoto. (16<sup>th</sup> Jan., 2016).
8. **Merit Award as Best Lecturer (Male) of the year (2015/2016 Session)** by the Nigerian Association of Computer Science Students, (NACOSS) Al-Hikmah University, Ilorin. (9<sup>th</sup> June, 2016).
9. **Fellowship Award:** in recognition of outstanding contributions to educational sector and renowned academic excellence by Institute of Policy Management Development (IPMD). (27<sup>th</sup> Oct., 2018).



**10. Merit Award:** I.T. Development Contributors Merit Award by Centre for Information Technology (CIT), Imam Hamzat College of Education, Ilorin. (1<sup>st</sup> February, 2020).

**(N) PROFESSIONAL BODY MEMBERSHIP**

1. Member, Nigeria Computer Society (NCS).
2. Member, Computer Professionals (Registration Council) of Nigeria (CPN).
3. Member, Academia in Information Technology Profession (AITP).
4. Member, Teachers Registration Council of Nigeria (TRCN).
5. Fellow, Institute of Policy Management Development (IPMD).

**(O) HOBBIES**

Travelling and Reading

**(P) REFEREES**

1. Prof. M.T.O. Ibrahim      Former Vice-Chancellor, Al-Hikmah University, Ilorin & Professor of Community Medicine/  
Consultant Public Health Physician-Epidemiologist  
Usmanu Danfodiyo University & Teaching Hospital, Sokoto, Nigeria.  
Tel: 08035836464  
Email: [ibrahimtaofeek@yahoo.com](mailto:ibrahimtaofeek@yahoo.com)
2. Prof. Gbolagade Kazeem      Provost, College of Information Technology,  
Kwara State University, Molete, Ilorin,  
Kwara, State, Nigeria.  
Tel: 08109668798.  
Email: [kazeem.gbolagade@kwasu.edu.ng](mailto:kazeem.gbolagade@kwasu.edu.ng)
3. Dr. K. Jimoh      Department of Physical Sciences,  
Faculty of Natural and Applied Sciences,  
Al-Hikmah University, Ilorin-Nigeria.  
Tel: 09038040012.  
Email: [jimkaminsha@alhikmah.edu.ng](mailto:jimkaminsha@alhikmah.edu.ng)

26 -08- 2021

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ALIMI, Olasunkanmi Maruf (PhD)

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Date