

CURRICULUM VITAE

SECTION A: GENERAL INFORMATION

- (a) Name: **OBAHIAGBON Kingsley**
- (b) Date and Place of Birth: 15thAugust, 1959, Benin City
- (c) Marital Status: Married
- (d) Nationality: Nigerian
- (e) State of Origin: Edo
- (f) Permanent Home Address: #35 James Watt, Benin City, Edo State.
- (g) Contact Address: Department of Physical Sciences,
Benson Idahosa University, Benin City, Nigeria.
- (h) Present Position: Professor/ Dean, Faculty of Science

SECTION B: QUALIFICATIONS

1. ACADEMIC QUALIFICATIONS

(a) ACADEMIC QUALIFICATION OBTAINED WITH DATES

Degrees	Dates	Granting bodies
PhD in Informatics	1983 – 1988	Milan State University (Italy)
B.Sc. Mechanical Engineering	1980 – 1983	Carpi State Institute of Technology (Italy)
GCE 'O' Level	1973 -1977	Institute of Education (Benin City)

(b) PROFESSIONAL QUALIFICATIONS AND BODIES

1. Institute of Strategic Management of Nigeria (ISMN) 2018
2. Chartered Information Technology Professional (CITP) 2004
(British Computer Society)
3. Chartered Engineer (CEng) 1999
(British Engineering Council)
4. Member of British Computer Society (MBCS) 1997
(British Computer Society)

2. TEACHING AND PROFESSIONAL EXPERIENCE WITH DATES

(a) Employment/Professional Experience before Appointment at Benson Idahosa University

- National Open University of Nigeria, Benin City, (Project Supervisor for M.Sc. Students) 2011 - DATE
- Lea Valley High School, (UK), ICT Strategy Manager (Assistant Principal) 1999 - 2004
- University of Nottingham - UK 1996 – 1999
Lecturer in B.Sc. Software Engineering (Part – Time)
- Djanogly City Technology College, (UK) 1995 –1999
Head of ICT/ICT Co-ordinator Across the College
- The Ferrarin Technical Institute of Aeronautics, (Italy) 1990 – 1995
Rector of the Technical Institute
- Institute of Higher Education for Art and Design, (Italy) 1988 - 1990
Senior Lecturer in Maths and Computing
- **Period of Full Time Teaching in Benson Idahosa University**
- Benson Idahosa University, Benin City, Professor 2019 - Date
- Benson Idahosa University, Benin City, Associate Professor 2016 – 2019
- Benson Idahosa University, Benin City, Senior Lecturer 2012 - 2016
- Benson Idahosa University, Benin City, Lecturer I (UPGRADE) 2011 - 2012
- Benson Idahosa University, Benin City, Lecturer II 2010 - 2011

(b) COURSES TAUGHT IN BENSON IDAHOSA UNIVERSITY

- CSC 821 Advanced Communications and Networks (M.Sc.)
- CSC 825 Advanced Software Engineering (M.Sc.)
- CSC 822 Advanced Operating System (M.Sc.)
- CSC 811 Current Trend in ICT and Research Methodology (M.Sc.)
- ACC 814 Management Information System and Computer Application (M.Sc.)
- CSC 412 - Software Engineering
- CSC 424 - Legal Aspect of ICT
- CSC 422 - Computer Modelling and Simulation
- CSC 411- Net-Centric Computing
- CSC 111 - Introduction to Computing I
- CSC 314 - Computer Architecture and Organization
- CSC 414 - System Analysis And Design
- CSC 313 - Principles of Operating System
- ICS 313 - Electronic Business Application

(c) POSTGRADUATE STUDENTS' SUPERVISION

- Coordinator, Postgraduate in Computer Science, 2011 - 2018
- Supervision of M.Sc. and PGDCS Students' Project / Thesis (180) 2011 - Date

3. CONFERENCES ATTENDED:

- Conference on Natural Language Processing and its Applications, Avignon-France, 1992
- 10th European Conference on Artificial Intelligence, Austria, 1992
- Basics of Man-Machine Communication for the Design of Educational Systems, Eindhoven, Holland (1993) by NATO-ASI
- Issues in Hard Real Time Scheduling (in Italian), Trento (Italy), 1995
- How to maintain steady improvement in standards, Manchester, 1998
- A fresh approach to the provision and management of Aeronautical Information in the twenty-first century – The meteorological perspective, Paris, 2000
- Human-Computer Interaction , London, 2001
- AISB Symposium on AI and Creativity in Arts and Science, Aberystwyth, 2003
- International Workshop on Internationalization of Products and Systems (IWIPS 2003)
- Database and Expert Systems Applications (DEXA 2003)
- Society for Study of Artificial Intelligence and Simulation of Behaviour, Brighton, 2004
- Workshop on user-centred design and evaluation of services for human-human communication and collaboration (ICMI'05 workshop).
- The Complexity of Symbolic Model Checking Temporal-Epistemic Logics, in Proceedings of the workshop on Concurrency, Specification and Programming (CS&P), 2005, Poland
- Pragmatics of Decision Procedures in Automated Reasoning (PDPAR 2006)
- Automated Scheduling, Optimisation and Planning research group, Nottingham, 2006
- Combination Methods for Model-Checking of Infinite-State Systems. In Convegno Italiano di Logica Computazionale (CILC2007), Messina (Italy), 2007
- International Conference On ICT Applications (AICTTRA 2011), Obafemi Awolowo University, Ile-Ife, 2011
- Google EMEA Faculty Summit, 10th – 14th May, 2011, Zurich, Switzerland.
- International Conference of Digital Enterprise and Information System, (DEIS 2011), Metropolitan Business School, London, UK, July 20th – 22nd, 2011.
- Stakeholder's meeting to review the Draft National Software Policy, Event Centre, Agidingbi road, Lagos, 25th November, 2011.
- Microsoft Education Summit - Building the 21st Century Campus, Nicon Luxury, Abuja, 24th -26th April, 2013.
- Computer Professional Registration Council of Nigeria - IT Professionals' Assembly 2013, Nicon Luxury, Abuja, 19th - 20th June, 2013.
- Computer Based Test (CBT) and Examination Fraud in Schools and Colleges, National Centre For Communication, Information Technology and Management Science, Benin City 2014
- A 2-Day Training Workshop on Grantsmanship, Edo State Polytechnic, Usen and Obafemi Awolowo University, Ile-Ife March 2018

4. PUBLICATION/CREATIVE WORK

a. Materials Already Published

1. Agenmonmen, T., Ihama, .E.I., **Obahiagbon, K.O.** and Eguasa, O. (2021) "An Expert System for Early Diagnosis of Stroke" *Nigerian Journal of Science and Environment, Volume19, No. 2, Pg. 33–44 (National)*

2. Agenmonmen, T., Ihama, .E.I., **Obahiagbon, K.O.** and Eguasa, O. (2021) "An Expert System for Early Diagnosis of Stroke" *Nigerian Journal of Science and Environment, Volume19, No. 2, Pg. 33–44 (National)*
3. Ihama, .E.I., **Obahiagbon, K.O.** and Omozuwa, E.S (2021) "A Web Based Intelligent Decision Support System for Early Diagnosis of Different Classes of Hepatitis" *Nigerian Journal of Science and Environment, Volume19, No. 2, Pg. 23–32 (National)*
4. Uwadia, .F., and **Obahiagbon, K.O.** (2021) "Machine Learning for Diagnosis of Malaria in Tropical Africa" *Global Scientific Journals (GSJ), Volume 9, No. 5, Pg. 865–883 (Foreign)*
5. Agenmonmen, .T., Ihama, E.I., **Obahiagbon, K.O.** and Izogie, L.E. (2020) "A Review of Driverless Vehicle" *BIU Journal of Basic and Applied Sciences (JBAS), Volume 5, No. 1, Pg. 27–39 (Local – Benin)*
6. **Obahiagbon, K.** and Isabona, J. (2018) "Generalized Regression Neural Network: an Alternative Approach for Reliable Prognostic Analysis of Spatial Signal Power Loss in Cellular Broadband Network" *International Journal of Advanced Research in Physical Science (IJARPS), Vol. 5, No. 10, Pg.35 – 42 (Foreign)*
7. Oga, R.O., Egbokhare, F.A. and **Obahiagbon, K.** (2018) "Business Process Analysis: A Precursor to Software Cost Estimation in Software Development Projects " *Proceedings of the 13th iSTEAMS Multidisciplinary Conference, University of Ghana, Legon, Accra, Ghana. Vol. 2, Pg. 217 – 224 (Foreign)*
8. *Isabona, J. and **Obahiagbon, K.** (2018) "Cell Cluster Based End-User Satisfaction Assessment Methods for Mobile Telephony in Urban Radio Networks" *Advanced Engineering Research and Applications (AERA), Book Chapter 7, Pg. 78 – 98 (Foreign)*
9. **Obahiagbon, K.** and Isabona, J.(2018) "Measurement-Based Statistical Method for Estimating and Verifying Signal Coverage and Coverage Probability in Urban Microcells" *International Journal of Advanced Research in Computer Science and Software Engineering, Vol. 8, No. 6, 2018, Pg. 74–83 (Foreign)*
10. Isabona, J. and **Obahiagbon, K.** (2018) "Impact of Linear and Nonlinear Channel Equalization Algorithms on User Achievable Rates and Energy Efficiency on Uplink Large Scale MIMO Techniques for Next Generation Networks" *American Journal of Engineering Research (AJER), Vol. 7, No. 6, 2018, Pg. 144–152 (Foreign - USA)*
11. **Obahiagbon, K.**, Chimsunum, N.D. and Egbokhare, F.(2017) "Towards an Understanding of the Factors That Determine Software Requirements in A Multi-Stakeholder Environment: A Case Study of Patients Record Management System " *Computing, Information Systems, Development Informatics Journal (CISDIJournal), Vol. 8, No. 4, December 2017, Pg. 07–14 (Foreign)*
12. Chimsunum, D.N., **Obahiagbon, K.** and Egbokhare, F. (2017) "Software Requirements Definition Issue in a Multi-Stakeholder Environment: The Case of a Patient Record System " *Proceedings of the ISTEAMS Multidisciplinary Cross-Border Conference, University of Ghana, Legon, Accra Ghana, October, 2017, Pg. 265–274 (Foreign - Ghana)*
13. Osagie, S. M., **Obahiagbon, K.O.**, Inyang, A.I., Osagie, A.J.(2017) "Digitalized Responsive Logical Interface Application" *International Journal of Computer Science And Information Technology Research, Vol. 5, No. 1, January - March, 2017, Pg.10–21 (Foreign)*
14. Akinmuyisitan, T. M., and **Obahiagbon, K.O.** (2017) "Micro Controller Based Regulated Power Access Control For Electronic Appliances" *International Journal of Scientific Engineering And Applied Science (IJSEAS), Vol. 3, No. 1, January, 2017, Pg. 12–28 (Foreign - India)*
15. Otabor, J. O., and **Obahiagbon, K.O.** (2016) "Statistical Approach to the Link between Internal Service Quality and Employee Job satisfaction: A Case Study" *American Journal of Applied Mathematics and Statistics, Vol. 4, No. 6, December, 2016, Pg. 178–184 (Foreign - USA)*
16. Osagie, S.U.M., **Obahiagbon, K.O.**, Osagie, J.A. and John-Otumu, M. A. (2016) "5PEN Technology: A New Dawn In Homogeneous and Heterogeneous Computing" *International Journal of Computer Science and Information Technology (IJCSIT), Vol. 8, No. 2, April,*

- 2016, Pg. 77–87 (**Foreign - India**)
17. Obadan, .S., Asemota, O. and Obahiagbon, K. (2015) "A Remote Home Automated Switching System" *Multi Disciplinary Journal of Academic Excellence / NAFAK/JOAEX/*, Vol. 14, No. 1, December, 2015, Pg. 70–84 (**National – Nsukka**)
 18. Obahiagbon, K. and Isabona, J.(2015) "Specific Absorption Rate and Temperature rise Computation in Human Tissues due to Electromagnetic Field emission from Mobile Phones at 900 MHz and 1800 MHz " *Computing, Information Systems, Development Informatics & Allied Research Journal (CISDIAR)*, Vol. 6, No. 2, 2015, Pg. 53–62 (**Foreign**)
 19. Inyang, A.I. and Obahiagbon, K. (2015) "Determining Manufacturing Qualities Utilizing a Fuzzy-Based Approach" *International Journal of Humanities Social Sciences and Education / IJHSSE/*, Vol. 2, No. 5, May, 2015, Pg. 126–131 (**Foreign - India**)
 20. Obahiagbon, K. and Odigie, .B.B. (2015) "A Mobile Architecture For Childhood Vaccine Preventable Illness Expert System " *African Journal of Computing and ICTs*, Volume 8, Number 1, March, 2015, Pg. 61–74 (**Foreign**)
 21. Obadan, .S. and Obahiagbon, K. (2015) "Rule Based Expert System Approach Towards The Resolution of The Tower of Hanoi" *Journal of resourcefulness and Distinction / ASSONT/JOESDIS/*, Vol. 10, No. 1, May, 2015, Pg. 71–88 (**National – Owerri**)
 22. Obahiagbon, K. and Odigie, .B.B.(2015)"A Framework For Intelligent Remote Blood Pressure Monitoring and Control System For Developing Countries"*Journal of Computer Sciences and Applications*, Vol. 3, No. 1, 2015, Pg. 11–17 (**Foreign – Hong Kong**)
 23. Enagbonma, .O. and Obahiagbon, K.O. (2015) "Probabilistic Fixed Lifetime Inventory Model for Continuous Demand Rate"*BIUJournal of Basic and Applied Sciences (JBAS)*, Volume 1, Number 1. 2014, Pg. 1–15 (**Local – Benin**)
 24. John-Otumu, M.A, Obahiagbon, K. and Eriata, F.U. (2015) " Need For an Automated Hospital Information System To Improve The Efficiency And Quality of Health Service Delivery in Esan-West Local Government , Edo State" *Journal for Studies in Management and Planning*, Volume 1, Number 9, 2015, Pg.334–344 (**Local – Ekpoma**)
 25. Obahiagbon, K. and Okpah, A.E. (2014) "Theoretical Framework For Effective Assessment" *Academic Scholarship Journal / ASJOURN/*, Vol. 9, No. 1, December, 2014, Pg. 186–194 (**National – Enugu**)
 26. Obahiagbon, K., Okpah, A.E and Omo-Egharevba, W.U. (2014) "Perception on the Use of ICT to Curb Adult Illiteracy" *Journal of the Nigerian Association of Mathematical Physics*, Vol. 28, No. 2, November, 2014, Pg. 415–422 (**National – Benin**)
 27. Obahiagbon, K. and Otabor, J. O.(2014) "Information and Communication Technology (ICT) Key Tool For Enhancing Teaching and Learning In Nigeria: A Study Of Two Tertiary Institutions In Benin Metropolis" *American Journal of Educational Research*, Vol. 2, No. 12, December 2014, Pg. 1257–1259 (**Foreign – USA**)
 28. Isabona, J. and Obahiagbon, K. (2014) "A Practical Optimisation Method to Improve QOS and GOS-Based Key Performance Indicators in GSM Network Cell Cluster Environment"*International Journal of Wireless & Mobile Networks (IJWMN)*, Vol. 6, No. 5, October 2014, Pg. 93–107 (**Foreign - USA**)
 29. Osagie, S.U.M. and Obahiagbon, K.O. (2014)"CyberCrime:Its Impact On the Youth"*Journal of the Nigerian Association of Mathematical Physics*, Vol 27, July, 2014, Pg. 471–478 (**National - Benin**)
 30. Isabona, J. and Obahiagbon, K. (2014) "RF Propagation Measurement and Modelling to "Support Adept Planning of Outdoor Wireless Local Area Networks in 2.4 GHz Band"*American Journal of Engineering Research (AJER)*, Vol. No. 03, Issue 01, Pg. 258 –267 (**Foreign - USA**)
 31. John-Otumu, M.A, Eriata, F.U. and Obahiagbon, K. (2013) "Framework for Developing and Implementing an Automated Hospital Management System on an Intranet" *Nigerian ANNALS of Natural Sciences*, VOL 13 (2), 2013, Pg. 39–49(**Local – Ekpoma**)

32. Isabona, J. and Obahiagbon, K. (2013) "A Practical-Based radio Channel Site Survey Approach for Optimal Deployment of a Campus wireless LAN" *African Journal of Computing and ICTs.*, Vol, No. 4, Pg.133–146 **(National - Ede)**
33. Eguasa, .O.,Obahiagbon, K.O. and Odion, A.E. (2013) "On The Performance of the Logistic-Growth Population Projection Models" *Journal of Mathematical Theory and Modeling, An International Institute for Science, Technology and Education Accelerating Global Knowledge Creation and Sharing, Volume 3, Number 14, 2013, pg.102–113 (Foreign - USA)*
34. Obadan, .S. and Obahiagbon, K. (2013) "A Voice Activated Robotic Surveillance System For The Elderly & Disabled" *journal of Science and Technology Research, Volume 12, Number 1, 2013, Pg.21–29 (National – Uyo)*
35. Obahiagbon, K. and Otabor, J. O. (2012) "Automation Of Library System" *An International Journal of Information and Communication Technology, Volume 9, Number 2, December, 2012 , Pg.89–96 (National –Ibadan)*
36. Obahiagbon, K., Odion .A. E. and Okpah, A.E. (2012) "Web Threat and It's Implication For E-Business in Nigeria" *An International Journal of Information and Communication Technology, Volume 9, Number 2, December, 2012 , Pg.141–149 (National – Ibadan)*
37. Odabi .I. Odabi and Obahiagbon, K. (2011) "Developing Biometric Technology in Nigeria" *African Journal of Science, Technologies and Social Sciences, Volume 1, Number 1, Pg. 165–175 (Foreign – Sierra Leone)*

Materials Presented

1. Obadan, .S. and Obahiagbon, K. (2011)"A Remote Home Automated Switching System", ObafemiAwolowo University, ILE-IFE
2. Obadan, .S. and Obahiagbon, K. (2011)"A Remote Home Automated Switching System", ObafemiAwolowo University, ILE-IFE

Unpublished Materials

1. Obahiagbon, K. and Odigie, .B.B. (2015) "A Mobile Artificial Intelligent System for Diagnosing and Monitoring Common Childhood"
2. Obahiagbon, K. and Odigie, .B.B. (2015) "Applying Systems Methodology (SSM) for Designing Nigeria Local Language Learning Portal – The Bini Culture"
3. Obahiagbon, K. and Odigie, .B.B. (2015) "Enhancing Security Of Mobile Computing Devices"

5

(a) Membership of learned Societies

- | | |
|--|------|
| 1. Institute of Strategic Management of Nigeria (ISMN) | 2018 |
| 2. British Computer Society | 1997 |
| 3. British Engineering Council | 1999 |
| 4. Member of General Teaching Council for England | 1995 |
| 5. Association for Science Education | 1995 |
| 6. British Institute of Information Scientist | 1995 |

(b) Prizes/ Award/ Honours/Distinctions

- i. Awarded Qualified Teachers Status

SECTION C: ADMINISTRATIVE EXPERIENCE

Benson Idahosa University

- Director of General Studies (GST) 2018– Date
- HOD Mathematics and Computer Science/ Physical Sciences 2013 – 2018
- Acted on various occasions as Acting Dean of Faculty of Science
- Chairman of Faculty’s Academic Quality Assurance Committee 2018 - Date
- Chairman of Webometrics 2014 -2016
- Departmental Post Graduate Programmes Coordinator for Mathematics and Computer Science/ Physical Sciences 2011 - 2018
- Head of Unit – Computer Science 2012 -2013
- Member of the Faculty Academic Board Committee 2013 - Date
- Member of University ICT Strategic Planning Action Committee 2015
- Chairman of an Investigative Panel on allegation of broken Windscreen of Lecturer’s car 2015
- Member of a Committee on Shifting of Convocation Ceremony 2014
- Member of the Planning Committee for the International Scientific and Innovation Conference 2016
- Member of University Part-Time Committee 2018 – Date

D. Overview

My mission is to improve and enhance the quality of students’ learning, by helping colleagues develop their methods and approaches, and by helping students to develop their own learning skills. I am keen on both assessment and feedback in teaching and how these play positive and motivating roles in student learning and development. My original training was as a scientist, but over the years I became progressively more interested in teaching and learning, and gradually became an educational developer. Currently, I am a Professor in Benson Idahosa University in Department of Physical Sciences. In my spare time I am involved in consulting and training activities in teaching and allied related matters, and attending seminars to enhance my continuous professional development. My style is highly interactive, and I believe in getting workshop participants and conference delegates involved in post-IT brainstorming, prioritisation exercises, creative problem-solving rounds, and a variety of ‘learning-by-doing’ activities. I have worked in several countries; Italy and the United Kingdom and I have led workshops or given keynotes in Spain, Slovakia and France in recent years.

From Scientist to Educator

After an initial training in Mechanical Engineering, followed by 5 years doctoral research in Computer Networks and Communications at Milan State University, Milan, Italy. I was appointed Lecturer in Maths and Computing, Institute of Higher Education for Art & Design, Desio, Milan, Italy. While teaching

there, I became progressively more interested in methodologies of teaching, learning and assessment. In 1990, I was appointed a Senior Lecturer in Maths and Computing, the Ferrarin Technical Institute of Aeronautics, Varese, Italy, my activities included; Staff Development, and an increased amount of study skills work with students on most of the Institute's courses and updating curriculum. In 1995, I migrated to the United Kingdom in search of new challenges and became a part-time Lecturer in B.Sc. (software engineering) at University of Nottingham, at the same time, I continued to work full time as Head of Department and Coordinator of Information and Communication Technology, Djanogly City Technology College Nottingham where I was the first head of ICT department and I developed an ICT curriculum for the college and framework that was the cornerstone of the delivery of ICT across all subject areas of the curriculum in the college. In my desire to seek more challenges and improve on my teaching and managerial skills I became the ICT Strategy Manager at Lea Valley High School, Enfield (UK) in 1999, where my job involved giving advice on newer and appropriate ICT technologies and sharing information with the local Borough on strategies for teaching and learning. Also, in four years, I was Head of Computing and Information Technology and my managerial and teaching scope has widened further to include; Supervision and training of colleagues (Postgraduate Certificate in Education students from Brunel University, London and St Mary's College, London) to become certified in professional teaching and computing certificates; and designing, implementation, evaluation and auditing of newer teaching methods and practices.

My views on Learning, Teaching and Assessment

I am convinced that in higher education too much emphasis has traditionally been placed on subject-content, and too little on learning processes and learner-experiences. In the present context of widening participation, I regard the development of students' capability (including particularly their skills in managing their own learning) more much more important than merely familiarising students with a particular range of subject matter. Teaching processes should not merely aim to be skilled performances, but rather should exploit a wide range of techniques to facilitate learning.

I believe that learning should be an enjoyable experience, whether in lecture theatres, online, or in practical settings. I believe that adult learners need to be participants in each learning situation, not merely receivers. As participants, they can increase their self-esteem, and take credit for what they learn, adding considerably to the enjoyment and satisfaction that can come through learning.

Assessment and Feedback Design

I regard formative feedback as the lifeblood of successful learning. In the UK National Student Survey run from 2005, feedback has been found to be one of the areas where students indicate least satisfaction nationally, and I have now developed various workshop programmes to help staff to address this issue. I am currently exploring how best we can help students themselves to build on the feedback they gain not only from lecturers, but also from each other.

I am particularly interested in developing the quality of the processes and instruments of assessment. I regard assessment as presently constituting the weakest link in the higher education chain, and spend much of my time running staff development workshop sessions in Schools and Colleges, aimed at diversifying assessment, and helping staff to use assessment in ways that enhance student learning, rather than just to measure 'snapshots' of the information students have absorbed. I advocate strongly that assessment criteria should be shared with learners, and should relate clearly to well-articulated learning outcomes.

Student Self- and Peer-Assessment

I also believe that wherever possible learners themselves should be involved in the formulation of learning outcomes and assessment criteria. When students feel ownership of the agenda, their efforts to meet assessment criteria are vigorous. I believe that some of the most productive learning experiences arise from providing students with opportunities to employ self- and peer-assessment. I feel that

successful learning experiences depend very much on the presence of a feeling of 'ownership' by learners. The more learners can become involved in the processes and procedures surrounding their studies, the more likely they are to achieve deep rather than surface learning. I believe it is particularly beneficial to encourage collaborative learning, enabling students to develop interpersonal and teamwork skills and attitudes.

E. REFEREES

1. Prof. S. Guobadia

Vice Chancellor
Benson Idahosa University,
Benin City.
Edo State

2. Prof. E. A. Onibere

Former Deputy Vice Chancellor (Academics) & Professor of Computer Science
University of Benin, Benin City
Edo State

3. Bishop Wale Ajayi

Zonal Co-ordinator
Miracle Centre Zone
Church of God Mission International
Airport Road
Benin City