

CURRICULUM VITAE



- I (a) Name: Joshua Oluwatoyin Adeleke
(b) Date of Birth: 17 May, 1969.
(c) Department: Not Applicable
(d) Institute/Faculty: Institute of Education
- II (a) First Academic Appointment: Research Fellow II(18 February, 2008)
(c) Present Post (with date): Senior Research Fellow (1 October, 2014)
(d) Date of Last Promotion: 1 October, 2014
(e) Date of Last Considered
(in cases where promotion was not through):Not Applicable
- III University Education (with Dates)
(a) University of Ilorin, Ilorin 1989-1994
(b) University of Ibadan, Ibadan 1999-2000
(c) University of Ibadan, Ibadan 2003-2007
- IV Academic Qualification (with dates and granting bodies)
(a) Bachelor of Science and Education (Mathematics)
University of Ilorin, Ilorin. 1994
(b) Master of Education (Guidance and Counselling)
University of Ibadan, Ibadan. 2000
(c) Doctor of Philosophy (Educational Evaluation)
University of Ibadan, Ibadan. 2007
- V. Professional Qualification(s) and Diplomas (with Date)
(a) Bachelor of Science and Education (BSc.Ed.), 1994
- VI Scholarships, Fellowships and Prizes (with Date) in respect of Undergraduate and Postgraduate work only: NA
- VII Honours, Distinctions, and Membership of Learned Societies:
i. Association of Educational Researchers and Evaluators of Nigeria (ASSEREN). 2010 to date
ii. Educational Assessment and Research Network in Africa (EARNiA) 2015 to date

- iii. Award of honour by Senior Staff Association of Nigerian Universities. 2006
- iv. Reliable Examinations Coordinator award by Prof. E. Adenike Emeke, past director of the Institute of Education University of Ibadan. 2016)
- v. Award of Excellence by Mathematical Association of Nigeria (MAN) Ogun State Chapter 2017
- vi. Association of Behavioural Research Analysts and Psychometricians. 2018 to date
- vii. Teacher Registration Council of Nigeria (TRCN)

VIII Details of Teaching/Work Experience.

- (a) Teaching Experience at Secondary School Level
 - i. Mathematics at Federal Government College, Wukari Taraba State. 1995 – 1996
 - ii. Mathematics and Further Mathematics at International School University of Ibadan. 1998 – 2004
- (b) Teaching Experience at Polytechnic
 - Mathematics Tutor (Basic Studies-IJMB) at The Polytechnic Ibadan 2007
- (c) Teaching Experience at Public Health Tutor Programme (UCH)
 - Measurement and Evaluation (Adjunct Lecturer) 2010 to date
- (d) Work Experience
 - Research Fellow II 2008-2011
 - Research Fellow I 2011-2014
 - Senior Research Fellow 2014 to date
- (e) Teaching Experience/Academic Workload
 - i. EVE703–Principles of Test Construction 2010-2015
 - ii. EVE707 –Statistics I 2010-2015
 - iii. EVE708–Statistics II 2010-2015
 - iv. EVE 709 – Intelligence and Aptitude Testing 2013-2016
 - v. EVE719 –Research Design in Evaluation I 2010-2015
 - vi. EVE720–Research Design in Evaluation II 2010-2016
 - v. EVE717 –Data Processing in Education. 2010-2015
 - vi. EVE711 –Research Design in Evaluation 2016- date
 - vii. EVE 739 –Intelligence and Aptitude Testing 2016-2018
 - viii. EVE728–Seminar Presentation 2017-2019
 - ix. EVE809 –Advanced Intelligence 2014-2016
 - x. EVE 808 – Advanced Statistical Method 2016-2018
 - xi. EVE 813 – Advanced Test Theory 2019-date
 - xii. Supervision of PGDE Student’s Project (1)
 - xiii. Supervision of M.Ed. Degree Students’ Dissertations (31)
 - xiv. Supervision of Ph.D. Students’ Theses (6)
 - xv. Internal/External Examiner (12)

- (f) Administrative Responsibilities
- i. Member, School Services Unit, Institute of Education. 2008-2013
 - ii. Member, Research and Publication Unit 2013-2016
 - iii. Examination Officer, Institute of Education. 2013-2016
 - iv. Head, Computer and Technology Unit, Institute of Education 2016-2019
 - v. Technical Editor, West African Journal of Education 2016 to date
 - vi. Member, Institute of Education Finance Committee 2010-2013
 - vii. Institute of Education Representative on Faculty of Veterinary Medicine. 2016-2019
 - viii. Subdean Postgraduate for Institute of Education 2019 to date
 - ix. Institute of Education Representative on Distance Learning Centre 2019 to date
 - xii. Member, UI Distance Learning Centre Research and Development Committee 2019 to date
- (g) Academic/Research Experience outside the University
- i. Field officer- Primary Education Evaluation, Implemented by Institute of Education University of Ibadan 2006.
 - ii. Resource person: Workshop on National Universal Basic Education Millennium Development Goals organized by NTI 2006.
 - iii. Resource Person: Path Analytic Approach in Research. A 3-Day Workshop organized by J – Jireh Research Konsult, Ibadan 2006.
 - iv. Data Analyst- Evaluation of Socio – Economic Status of Artesian Fishermen who were beneficiaries of ECOWAS Loan, (Federal Government Project) 2006-2007
 - v. Data Analyst — Socio Economic benefits of Water Bodies in the South West, Nigeria, (Federal Government Project) 2007
 - vi. Data Analyst and Co Report Writer - Vulnerable Population Affected by the Consequences of the Extractive Industries (Tobacco Industries inclusive) and Religious Crisis, (Netherlands CORDAID’S Plan for Funding of Civil Societies in Nigeria: Strategic Analysis and Priorities for Intervention), 2008.
 - vii. Data Analyst- National Examinations Council Minna Niger State. 2008
 - viii. Resource Person- Content Validation of Mathematics Instruments for Monitoring Learning Achievement (MLA) Organized by Nigeria Federal Ministry of Education at Abuja 2008.
 - ix. Resource Person/Data Analyst- Report writing Workshop on UNICEF Monitoring Learning Achievement (MLA) for the 6 GEP States at ASABA (UNICEF/FME) 2008
 - x. Resource Person: Best Evaluation Practices Workshop for University of Ibadan Distance Learning Staff and Lectures. 2008.
 - xi. Resource Person: Master Trainer Workshop for Implementation of 9-year basic Education Organized by Universal Basic Education Commission in Collaboration with The Institute of Education, University of Ibadan. 2008.
 - xii. Resource Person: National Teachers’ Institute, Millennium

- Development Goals Project (MDGs) Nationwide Retraining Workshops for Teachers, Eruwa Centre, 2008.
- xiii. Co-Investigator with Environmental Right Action, Friends of the Earth Nigeria on Survey Study: Attitude And Perception of Nigerian on tobacco Smoking And Knowledge Of Tobacco Control Laws. 2008
- xiv. Co-Investigator: Baseline/Impact of Tobacco control Bill on People living in Abuja (capital city of Nigeria). National tobacco Situation Analysis in Nigeria sponsored by IDRC . 2008-2010
- xv. Monitoring officer: Monitoring of National Examinations Council (NECO)Senior Secondary Certificate examination, 2008 at Ayedaade andIrewole Local Government Areas of Osun States. 2008.
- xvi. Resource Person: UNICEF Workshop on Final Editing of FME/ UNICEF/DFID Monitoring Learning Achievement Report for the Six GEP States Adriel Hotel Kaduna- 2008.
- xvii. Field Officer: Baseline Study of the African Development Bank – Assisted Skills Training and Vocational Education project- 2009.
- xviii. Monitoring officer: Monitoring of National Examinations Council (NECO) Senior Secondary Certificate examination, at OnaAra Local Government Areas of Oyo State, Nigeria. 2009.
- xix. Consultant : Lagos Eko Secondary Education Project Sponsored by World Bank/Lagos State 2009-2015
- xx. Facilitator- Universal Basic Education Commission (UBEC) Teacher Training 2007-2019
- xxi. Coordinator:Osun SUBEB/UBEC cluster model workshop for primary school teachers 2014-2019
- xxii. Principal Resource Person: workshop on the Usage of Bilog-Mg for Item Response Theory (IRT) related studies. Presented to Selected Academic Staff and Post Graduate students of ObafemiAwolowo University, Ile-Ife, Nigeria. 2015
- xxiii. Principal Resource Person: workshop on Open and Distance Learning Research Methods & Tools for Academic Staff of National and Open University, Nigeria. Presented at Centre for Management and Development, Lagos. 2015
- xxiv. External Moderator: Final Teaching Practice Exercise of students of Federally Funded Schools (Nurse, Environmental and Public Health Tutor Programmes) University College Hospital, University of Ibadan.2011 to date
- xxv. Facilitator: Teaching Methodology in Nursing Education. During Special Capacity building for all Tutors in the Schools of Nursing and Midwifery in Ibadan. 2017
- xxvi. Resource Person: Training workshop on Item response Theory (IRT) for National Examination Council Staff. Organized by Institute of Education, University of Ibadan in Minna, Niger State. 2017.
- xxvii. Lead Resource Person/Consultant: Development of Monitoring Learning Achievement (MLA) Tools for Non-Formal Education Programmes in 36 States in 36 States and FCT.By Mass Literacy and Non Formal Education Commission (NMEC). 2017.

- xxviii. Resource Person: Capacity Building Workshop on Research Practices for Staff of Development Agenda for Western Nigeria (DAWN) at 10th Floor Cocoa Building, Ibadan. 2017
- xxix. Co-Investigator: Evaluation of General Studies course on Reproductive Health: HIV/STIs Sexuality Education mounted in four Universities (ABU, UNN, UI and UNIJOS) 2017-2018
- xxx. Consultant: USAID/Human Development Initiatives' Project on Transparency, Accountability and Good Governance (TAAG) Index for Evaluating SUBEBs Performance: 2018
- xxxi. Independent Assessor: 2017 Capacity Building Programme For Teachers in Ogun State by National Teacher Institute (NTI) 2018
- xxxii. Resource Person: Technical Team workshop on National Assessment on Learning Achievement on Basic Education (NALABE) 2017 Data verification at Board Room of Universal Basic Education Commission (UBEC). 2018
- xxxiii. Member of Team of Analysts: National Assessment on Learning Achievement on Basic Education (NALABE) 2017 2018
- xxxiv. Resource Person: NALABE Report Writing Meeting, Organised by Universal Basic Education Commission (UBEC) 2018.
- xxxv. Key Resource Person: Overhauling Deeper Life Entrepreneurial School (DLES) workshop 2018
- xxvi. Co-Investigator: Evaluation of Misesan Cara Funded Projects In Our Lady And St Francis Hospital, Badagry, Lagos State 2018
- xxxvii. Resource Person: Development of WAEC Inventory for measuring Student Attitude towards Mathematics, WAEC International Office, Ikeja, Lagos 2018
- xxxviii. Coordinator/Resource Person: Workshops organized by The Association of Behavioural Research Analysts and Psychometricians on Data Analysis at Conference Centre, Chapel Road, University of Ibadan 2018-2019.
- xxix. Resource Person: workshop on Test Development and Administration for Lecturers and Item writers for Chattered Institute of Bankers at Bankers House, Victoria Island, Lagos, Nigeria. 2019
- xl. External Item Moderation: Moderation exercise for all the test items for professional examinations of the Chattered Institute of Bankers at Academic Inn, Agidingbi, Ikeja, Lagos, Nigeria. 2019
- xli. Co Editor: West Africa Journal of Education, 2015
- xlii. Reviewer: Journal of National Association of Researchers and Evaluators, Nigeria.
- xliii. Member-Editorial and Review Board: American Journal of Scientific and Industrial Research-ISSN Online:2153-649x
- xliv. Reviewer: European Scientific Journal (Open Online Journal), European Scientific Institute
- xlv. Member-Editorial and Review Board: Science HuB Publishing.
- xlvi. Reviewer: Journal of the International Society for Teacher Education 2019
- xlv. Editor-in-Chief: The African Journal of Behavioural and Scale

IX Research

(a) Completed

Mentioned below are some of the research works carried out by me and in collaboration with colleagues and postgraduate students.

1. Assessment of Perceived Difficulty, Frequency of Practice and Achievement in Mathematics of Junior Secondary School Students in Ibadan Less City of Oyo State, Nigeria
2. Assessment of Correspondence Knowledge and Practices in the Registry of the University of Ibadan, Oyo State, Nigeria
3. Value-added Measures as Predictors of Student' Achievement in Mathematics
4. Relational Analysis of Student Self-Efficacy and Classroom Mathematics Engagement

(b) In Progress

1. Assessment of Analytical Competence of Postgraduate Students of University of Ibadan

The primary purpose of establishing training institution is to develop manpower that can sustain a nation and by extension, sustain other economies. It appears that many institutions are failing already in this major responsibility. Some institutions find it difficult to employ the graduates of their institutions because of poor quality. Employability status of graduates Nigerian institutions are turning out has been challenged by many stakeholders. The reason for this might not be too far from the fact that basic skills that make both teachers and students perform their roles effectively are quite lacking. One of such skills is data analytical skills which is in demand in any progressive establishments. This formed the background for a study on Assessment of Analytical Competence of Postgraduate Students of University of Ibadan which adopted a descriptive type of research. The sample size on which Analytical Competence Scale was administered was 353, selected across all the faculties and the Institutes. Development of the background and data collection were completed between January and August 2019. Both quantitative and qualitative data analyses as well as report writing are hoped to be completed in June 2020. It is anticipated that the findings will reveal specific analytical needs of postgraduate students from various disciplines.

Co-Researchers: Olanike K. Adeyemo, Professor of Aquatic Epidemiology & Toxicology and Deputy Vice-Chancellor (Research, Innovation & Strategic Partnerships) University of Ibadan, Nigeria; Folajogun V. Falaye , Research Professor, Institute of Education, University of Ibadan and J. G. Adewale , Research Professor, and Director, Institute of Education, University of Ibadan

2. Assessment of Teachers' level of Information Communications Technology knowledge, Competence and Electronic Examination Adoption Disposition

Information and Communication Technology plays an important role in education. It enables both teachers and students to be abreast of the latest trend in learning and to navigate through the digital divide capable of rendering an individual almost useless in this digital age if ignored. It is worthy of note that most teachers that are supposed to be givers of knowledge lack basic knowledge and requisite skills in the parlance of Information and Communication Technology (ICT). Of great concern and grave consequence in education are the seeming sheer ignorance and the inability of teachers to demonstrate ICT competence needed in their pedagogical approach. This invariably affects the professional development of teachers and also has the tendency to limit the ability of the students as they will not be able to compete favourably with their counterparts. Some important public examinations are now written using Computer Based Test (CBT) approach and it appears that most of the students that are taught by incompetent teachers in ICT have difficulty in operating the system being used for such examinations and this has the tendency of resulting into undeserved failure. The need to assess the ICT knowledge, competence and electronic examination adoption disposition informed this study that targeted secondary school teachers in Ogun State Nigeria, that prepare students for external examinations with the aid of survey design. ICT Knowledge, ICT Competence and electronic examination adoption disposition scales were the major instruments used for data collection. Data have been analysed and the draft of the report is ready. The findings are likely to make available empirical facts that will inform the direction of policy. The study should be completed by February 2020.

Co-Researcher: Kolawole Olotu, Institute of Education, University of Ibadan.

3. Parent-Teacher Partnership, Student Interest and Engagement as Determinants of Achievement in Senior Secondary School Mathematics in Oyo State.

Mathematics plays a vital role in supporting people to relate meaningfully with their immediate environment. In the recent time, attention is being drawn to various stakeholders whose involvement can enhance mathematics learning. Partnership among those stakeholders and conscious engagement of the concerned students can explain observed variance in achievement. Research efforts have been directed to combination of variables that can explain the learning of this dreaded subject, yet a combination that can explain hundred percent of variance in students' learning outcomes in mathematics is not yet obtained. This suggests the need to investigate : Parent-Teacher Partnership, Student Interest and Engagement as Determinants of Achievement in Senior Secondary School Mathematics. The researchers adopted survey design and have carefully investigated the issue using a new dimension, Structural Equation Modelling [Partial Least Square (PLS)-Variance type] with adoption of SmartPLS. Multi-stage sampling technique was adopted for sample selection. The different stages the sample spanned were senatorial district, Local Government Area, School and classroom levels which resulted into selection of 4,146

students and 74 mathematics teachers. Validated instruments were used to measure five exogenous, eight endogenous and one criterion variables that constituted the model. Formative and reflective approaches PLS analysis were used and the study is on report writing stage and should be completed in March 2020.

Co-Researcher: TaiwoOmorinolaOladipo-Abodunwa, Statistics Department, ThePolytecnic, Ibadan.

(c) Project Dissertations and Thesis.

1. Adeleke J.O. (2000) Parental Involvement as Predictor to Children's Career Development. An M.Ed. Research Dissertation submitted to the Department of Guidance and Counselling, University of Ibadan (65 pages)
2. Adeleke J.O. (2007) Identification and Effect of Cognitive Entry Characteristics on Students' Learning Outcomes in Bearing in Mathematics. A Ph.D. Thesis submitted to the International Centre for Educational Evaluation University Ibadan. (178 pages)

X. Publications

(a) Books already published: N.A

(b) Chapters in Books already published

- *1. Adeleke, J.O. (2011). Effective Teaching of Secondary School Mathematics through Mastery Learning Strategy In Ogundele, B.O., Moronkola, O.A. and Babalola J.F. (Eds.). *Contemporary Issue in Education, Health and Sports: The Way Forward*. Department of Human Kinetics and Health Education, University of Ibadan, Ibadan. 89-98 pp. ISBN: 978-074-941-1. (Nigeria) (Contribution: 100%)
2. **Adeleke, J.O.**, Abimbade, A. and Sanni, R.F. (2012). Relational Analysis among Anxiety, Attitude, Gender and Students' Achievement in Secondary Mathematics In Falaye, F.V., Adegbile, J.A. and Onuka, A.O.U. (Eds.). *Contemporary Issues in Curriculum and Evaluation Research*. Institute of Education, University of Ibadan, Ibadan. 173-186 pp. ISBN: 978-978-8456-00-1. (Nigeria) (Contribution: 40%)
- *3. Adeleke, J.O (2013). Instructional Material Improvisation for Enhanced Mathematics Learning. In Onuka A.O.U. (Ed.). *Learning*. Society for the Promotion of Academic and Research Excellence (SPARE), Ibadan. 100-112 pp. ISBN: 978-978-50622-7-4. (Nigeria) (Contribution: 100%)
4. Adeleke, J.O, (2013). Test Development. In Olorunnisola O., Onuka, A.O.U., Babalola, O., Alarape, A.I., Babarinde, S. A. (Eds.). *Issues in Contemporary Evaluation*. The Postgraduate School, University of Ibadan, Ibadan. 128-150 pp. ISBN: 978-978-50948-7-9. (Nigeria) (Contribution: 100%)
5. Adeleke, J.O. (2013). Presentation of Results/Findings, Discussion and Conclusion. In Emeke, E.A., Onuka, A.O.U, and Odinko, M.N., *Practical Steps in Research*. Institute of Education, University of Ibadan, Ibadan. 99-111 pp. (Nigeria) (Contribution: 100%)
6. Olabode, J.O. and **Adeleke, J.O.** (2017). An Investigation into Differential Item Functioning of 2013 Mathematics Objectives Items Conducted By WAEC. In Adeleke, J.O. and Mitee, T.L. (Eds.). *Psychological Testing and Innovative Teaching Strategies*. Elyon 4me Publisher, Ibadan. 64-77 pp, ISBN: 978-978-935-206-7. (Nigeria) (Contribution: 40%)
7. Adeleke, J.O. (2017). Addressing Issues of Validity and Test of Significance in Educational Research. In Falaye, F.V. and Adegbile, J.A. (Eds.). *Issues in Curriculum and Language Education*. Vol. 1. Institute of Education, University of Ibadan, Ibadan. 351-360 pp. ISBN: 978-978-8529-39-2. (Nigeria) (Contribution: 100%)

* publications since last promotion

8. Adebayo, F.C, Moronkola,O.A. and **Adeleke, J.O.** (2017).Test, Measurement, Assessment, Monitoring and Evaluation in Health Education and Programme. In Moronkola, O.A. (Ed.). *Health Education for Tertiary Institution Students*. His Lineage Publisher, Ibadan.540-562 pp.ISBN: 978-978-53340-8-2.(**Nigeria**) (**Contribution: 30%**)
 9. Adeleke, J.O.(2017).Instrumentation and Issues of Validity and Reliability. InJaiyeobaA.O., Ayeni,A.O. and Atanda,A.I. (Eds.).*Research in Education*. His Lineage Publishing House, Ibadan. 121-144 pp. ISBN: 978-978-55702-8-1.(**Nigeria**) (**Contribution: 100%**)
 10. Adeleke, J.O.(2017).Types and Methods of Data Analysis in Jaiyeoba,A.O., Ayeni, A.O. and Atanda,A.I. (Eds.).*Research in Education*. His Lineage Publishing House, Ibadan. 145-174 pp.ISBN: 978-978-55702-8-1.(**Nigeria**) (**Contribution: 100%**)
 11. **Adeleke J.O.** and J.A Opatye(2018). Open and Distance Learning Students' Perception of Cognitive Processes' Existence in Pen-on-Paper Examination Questions: A Case of National Open University of Nigeria in Aremu O., Kehinde A and Ayoola F. (Eds.). *Evaluation, Growth and Contemporary Trends in Open Distance Education, The Ibadan Experience*. Sterling-Horden Publishers Ltd, Ibadan.111-130 pp. ISBN: 978-978-032-652-4.(**Nigeria**) (**Contribution: 50%**)
- (c) Articles that have already appeared in Referred Conference Proceedings: N.A.
- (d) Patents: N.A.
- (e) Articles that have already appeared in Learned Journals:
- *12.Yoloye, T.W., Aimakhu, U.V. and **Adeleke, J.O.** (2005). Assessment Strategies for Promoting Higher Order Thinking Skills in Public Secondary Schools. *West Africa Journal of Education*, Vol.xxv; 149-160. (**Nigeria**). (**Contribution: 30%**)
 - *13.Adeleke, J.O. (2007). Effect of Students' Subject Area on their Psycho-Cognitive Outcomes in Mathematics. *International Journal of Distance Education*, Vol.2. 1-11. (**Nigeria**)(**Contribution: 100%**)
 - *14. Obaitan, G.N. and**Adeleke, J.O.**(2007).Effect of Cognitive Entry Characteristics on Students' Affective Outcome in Bearing in Mathematics. *West Africa Journal of Education*, Vol. xxvii, 38-53.(**Nigeria**) (**Contribution: 50%**)
 - *15.Adeleke, J.O. (2008). Effect of Cognitive Entry Characteristics and Gender on Students' Cognitive Achievement in Bearing. *Ife Journal of Theory and Research in Education*, Vol.11, No. 1&2; 75-87. (**Nigeria**) (**Contribution: 100%**)
 - *16.Obaitan, G.N. and**Adeleke, J.O.**(2009).Path-Analytic Study of Cognitive Entry Characteristics and students' Achievement in Bearing in Mathematics. *Ife Journal of*

Theory and Research in Education, Vol. 12, No. 1; 22-36. **(Nigeria) (Contribution 50%)**

- *17. Adeleke, J.O. (2009). Holiday Rural Teachers' Skill Development Programme and Their Geometry Knowledge- *Ghana Journal of Education and Teaching*, Vol. 8, 114-120. **(Ghana)(Contribution: 100%)**
- *18. Adeleke, J.O. (2009). Complementary Roles of Religious Institutions on the Fight Against Examination Malpractice in Nigeria. *Journal of Educational Studies*, Vol.14, No. 1; 34-42. **(Nigeria)(Contribution: 100%)**
- *19. Adeleke, J.O. (2009).Enhancing Rural Public Primary School Teachers Information and Communications Technology (ICT) Knowledge through Holiday Skill Development Programme: *Journal of Sociology and Education in Africa*, Vol.8. No. 1; 45-54. **(Uganda) (Contribution: 100%)**
- *20. Adeleke, J.O. (2011)Pattern of Students' Achievement in Mathematics: Gender Roles. *Nigerian Journal of Clinical and Counselling Psychology*, Vol.17, No. 1&2; 85-102. **(Nigeria)(Contribution: 100%)**
- *21. **Adeleke, J.O.**and Appah, O.R. (2011) Pre-admission Qualifications and Demographic Factors of year one National Diploma Students of Federal Colleges of Agriculture as Precursors of Achievement in Mathematics: *Journal of Sociology and Education in Africa*, Vol. 10. No. 2; 93-106.**(Uganda)(Contribution: 60%)**
- *22. **Adeleke, J.O.**and Oluwatayo,G.K..(2011) Examiners' Malpractice Dispositions: Paradigm of Assessment Quality. *International Journal of Emotional Psychology and Sports Ethics*, Vol.13, 578-591. **(South Africa) (Contribution: 60%)**
- *23. Adeleke, J.O. (2011).Path Analytic Study of Gender, Mathematics Conception, Manipulative Skills, Learning Readiness and Students' Achievement in Mathematics. *Ghana Journal of Education and Teaching*, Vol. 12, 11-21. **(Ghana)(Contribution: 100%)**
- 24. Falaye, F.V. and**Adeleke, J.O.**(2012). Socio-Demographic Variables as Predictors of Knowledge, Attitude and Behaviour of Undergraduates in Reproductive Health and HIV Prevention. *Ife Psychologia*, Vol. 10, No. 1;4480- 4491.**(Nigeria) (Contribution: 40%)**
- *25. **Adeleke, J.O.** andOkogbe, B.O. (2012). Parental Career Value, Salary and Gender as Correlates of Students' Attitude towards Teaching Profession. *Nigerian Journal of Clinical and Counselling Psychology*, Vol. 18, No. 1; 81-93. **(Nigeria). (Contribution: 70%)**
- *26. **Adeleke, J.O.**, Fabunmi M. and Ojeleye J.A (2012).Implementation Challenges of the 9-year Basic Education Curriculum in Nigeria: Implications for Planning, Policy and Law.*KIU Journal of Education*, Vol.7, 1-16. **(Tanzania) (Contribution: 50%)**

* publications since last promotion

- *27. **Adeleke, J.O.** (2013).Effect of Universal Basic Education Commission’s (UBEC’s) Continuous Assessment Training on Assessment Practice of Primary school Teachers. *Journal of Education in Developing Areas*,Vol. 21, No.2; 339-351.**(Nigeria) (Contribution: 100%)**
- *28. **Adeleke J.O.** andAppah R.O. (2013). Contributory Influence of Pre Admission Qualifications and Demographic Factors of Federal Colleges of Agriculture Students on their Attitude towards Mathematics Courses. *Lagos Education Review(LER) –A Journal of Studies in Education*,Vol 13. No.1; 14-20.**(Nigeria) (Contribution: 60%)**
- *29. Adeleke J.O. (2013). Prerequisite Strength and Mathematics Aptitude as Predictors of Cognitive Achievement in Geometry. *Orient Journal of Education*, Vol. 7, No. 1; 214-220. **(Nigeria) (Contribution: 100%)**
30. **Adeleke, J.O.** andOgunremi, C.B. (2013).Effect of Language of Instruction and Pupils’ Attitude on the Performance of Primary School .*Journal of education in developing areas*,Vol .21, No. 1; 244-252. **(Nigeria) (Contribution: 65%)**
31. Adeleke, J.O. (2013). Validation of Learning Hierarchy of Instructional Content on Bearing in Mathematics. *African Journal of Educational Management*. Vol 15.No. 1; 23-40.**(Nigeria) (Contribution: 100%)**
- *32. **Adeleke J.O.** andOkogbe, B.O. (January, 2014). Relational Factors of Senior Secondary School Students’ Preference for Teaching Profession. *Journal of Higher Education of Social Science*,Vol. 6,No. 1; 61-66. **(Canada)(Contribution: 60%)**
33. **Adeleke, J.O.**(2014). Comparative Investigation of Information and Communication Technology (ICT) Oriented Teaching Awareness, Disposition and Competence between Middle and Upper Basic Science Teachers in Nigeria. *African Journal of Educational Management*. Vol. 16, No. 2; 339-351. **(Nigeria) (Contribution: 100%)**
34. Adeyemi, O.S. and**Adeleke, J.O.**(2015). Efficacy of Immediate Knowledge of Result via e-assessment Mode on Senior Secondary School Students’ mathematics Learning Outcomes. *Journal of Science Education and Research*, Vol. 1, No.1; 15-25.**(Ghana) (Contribution: 40%)**
35. Iddo, E. and**Adeleke, J.O.**(2015). Relational Analysis of Public Examiners Characteristics, Satisfaction with and attitude to Marking in South-South Nigeria. *Nigerian Journal of Educational Research and Evaluation*, Vol. 14, No. 3; 112-124. **(Nigeria) (Contribution: 40%)** .

* publications since last promotion

36. Opiki, O.O. and **Adeleke, J.O.** (2015). Effects of Communal Conflict on Enrollment, Attendance and Achievement of Primary School Pupils In Rivers State. *Ibadan Journal of Educational Studies*, Vol. 12, No.2;232-243. **(Nigeria) (Contribution: 50%)**
37. Olabode, J.O. and **Adeleke, J.O.** (2015). Comparative Analysis of Item Local Independence of WAEC and NECO 2012 Mathematics (Objectives) Test Items. *Journal of Educational Research and Development*, Vol. 2, 182-190. **(Nigeria) (Contribution: 45%)**
38. Ayanwale, A.M. and **Adeleke, J.O.** (2016). Relational Analysis of Personal Variables and Marking Skills of National Examinations Council's Examiners. *African Journal of Pedagogy*. Vol. 8, 25-38. **(Tanzania) (Contribution: 50%)**
39. **Adeleke, J.O.** and Akinbode, O.O. (2016). Effect of The Group Simulation Game Strategy on The Algebra Achievement of Junior Secondary Class II Students in Owo, Nigeria. *International Journal of Educational Development*, Vol. 6, 83-91. **(Nigeria) (Contribution: 70%)**
40. **Adeleke, J.O.** and Adeyemi, O.S. (2016). Effect of Immediate Knowledge of Result Via E-Assessment on Senior Secondary School Students' Mathematics Assessment Attitude. *Ibadan Journal of Educational Studies*. Vol. 13, Nos.1&2, 17-33. **(Nigeria) (Contribution: 60%)**
41. **Adeleke, J.O.** and Onocha, C.O. (2017). Path-Analytic Study of Class, Gender, Qualification, Subject taught, Teacher-Student relationship and Teacher Job Confidence. *Journal of Higher Education of Social Science*, Vol. 12, No. 1; 1-7. Available online from : <http://www.cscanada.net/index.php/hess/article/view/9174>. **(Canada) (Contribution: 50%)**
42. Audu, L.C., Obaitan, G.N. and **Adeleke, J.O.** (2017). Development and Validation of Opportunity to Learn Mathematics Scale using Item Response Theory (IRT). *African Journal of Theory and Practice of Educational Assessment* Vol. 4, 34-49. **(Cameroon) (Contribution: 30%)**
43. Omotayo, S.A. and **Adeleke, J.O.** (2017). The 5e Instructional Model: A Constructivist Approach for Enhancing Students' Learning Outcomes in Mathematics. *Journal of the International Society for Teacher Education*, Vol. 21, No. 2; 15-26. **(USA) (Contribution: 40%)**
44. **Adeleke, J.O.** and Ayanwale, A.M. (2017). Examiners' Characteristics and Attitude toward Marking as Determinants of Knowledge of Malpractice Indicators. *Ilorin Journal of Education*, Vol.36, 55-63. **(Nigeria) (Contribution: 60%)**

45. **Adeleke, J.O.**, Awuse, J.N. and Mitee T.L. (2017). Teachers' Assessment Competence and Home Support Variables as Predictors of Senior Secondary II Students' Achievements in Mathematics in Rivers State, Nigeria. *Journal of Curriculum and Instruction*, Vol. 10, No.1; 249-263. **(Nigeria) (Contribution: 50%)**
46. Appah, O.R. and **Adeleke J.O.**(2017). Teacher Factor as a Panacea to Students' Acquisition of Farm Establishment Skills in Federal Colleges of Forestry in Nigeria. *Nigerian Journal of Educational Research and Evaluation*, Vol. 16, No.1;111-119. **(Nigeria) (Contribution: 40%)**
47. Olufolabo, A.A., **Adeleke, J.O.** Akinola, A.O. (2017) Investigation of Validity of Entry Status and Qualifying Test Scores on Students' Achievement and Attitude of ND II towards Industrial Statistics in Federal School of Statistics, Nigeria. *Nigeria Educational Forum*, Vol. 26, No.2; 1-12. **(Nigeria) (Contribution: 30%)**
48. **Adeleke, J.O.** and Ariyo,S.O. (2018) Assessment of the Pattern of SS1 Students' Pre-Level Mathematics Cognitive and Content Achievement. *African Journal of Theory and Practice of Educational Assessment* Vol. 6, 1-10.**(Cameroon) (Contribution: 50%)**
49. Mitee,T.L, Obaitan, G.N.and **Adeleke, J.O.** (2018). Cognitive Entry Characteristics in Mathematics and Teaching Effectiveness as Correlates of Students' Achievement in Quantitative Chemistry in Rivers State, Nigeria. *African Journal of Theory and Practice of Educational Research*, Vol. 5, 60-69.**(Cameroon) (Contribution: 30%)**
50. Ariyo,S.O.and **Adeleke J.O.** (2018) Using After School Programme to Improve Mathematics Achievement and Attitude among Grade Ten Low Achievers.*Journal of the International Society for Teacher Education*, Vol. 22, No. 2; 49 -58. **(USA) (Contribution: 45%)**
51. Adeleke, J.O.(2018).Antecedents for Electronic Assessment Implementation in Secondary Schools in South-West, Nigeria. *Academic Journal of Research and Development*,Vol. 10, No. 2, 87-97.**(Nigeria) (Contribution: 100%)**
52. Ayanwale M. A., **Adeleke J.O.** and Mamadelo T.I. (2018). An Assessment of Item Statistics Estimates of Basic Education Certificate Examination through Classical Test Theory and Item Response Theory approach. *International Journal of Educational Research Review* Vol. 3, No.4,55-67. **(Turkey) (Contribution: 30%)**. Available online at: DOI:10.24331/ijere.452555.
53. Adebayo, F.C., Moronkola, O.A. and **Adeleke J.O.** (2019).Curriculum Objectives and Contents as Precursors of Procedure Competence of Community Health Extension Worker Trainees in Public Colleges of Health Technology,

Southwestern, Nigerian. *The African Journal of Behavioural and Scale Development Research*. Vol. 1, No.1; 108-116, (Nigeria) (Contribution: 25%)

54. Ayanwale M. A., **Adeleke J.O.** and Mamadelo T.I. (2019). Invariance Person Estimate of Basic Education Certificate Examination: Classical Test Theory and Item Response Theory Scoring Perspective. *Journal of the International Society for Teacher Education*, Vol. 23 (1). Pp. 18 -26. (USA) (Contribution: 30%)
55. **Adeleke, J.O.**, Appah, O.R. and Afolabi, R.T. (2019). Effect of Demography Variables on Students' Farm Practical Skills of Students in Federal College of Forestry Ibadan. *African Journal of Theory and Practice of Educational Assessment* Vol. 7, 28-37. (Cameroon) (Contribution: 40%)
- (f) Books, Chapters in Books and Articles already accepted for publication: N.A.
- (g) Technical Reports and Monographs:
- *56. Adeleke J.O. (2007). *Gender Role on Topic Preference of Senior Secondary School Students in Mathematics*. Published by West African Examinations Council. 13pp (Nigeria) (Contribution: 100%)
- *57. **Adeleke J.O.** and Omotayo, S.O. (2013). *Enhancement Potency of Maths Club Activities on Junior Secondary School Students' Mathematics Learning*. Published By West African Examinations Council Publication. 20pp. (Nigeria) (Contribution: 50%).
58. Omotayo S.A. & **Adeleke J.O.** (2017). *Using Dynamic Geometry Software to Promote Conceptual Understanding and Interest in Circle Geometry*. West African Examinations Council Publication. 25pp. (Nigeria) (Contribution: 50%).
59. Adeleke J.O. (2017). *Measurement, Design and Statistical Methods in Behavioural Research*. Staff Lecture Presented on behalf of the Institute of Education, University of Ibadan, Ibadan. 32pp. ISBN: 978-978-950-328-6. (Nigeria) (Contribution: 100%).

* publications since last promotion

XI Major Conferences attended with Papers Read (in the last five years)

1. 16th Annual Conference of Nigerian Association of Educational Researchers and Evaluators of Nigeria, held at International Conference Centre, University of Calabar, Nigeria on July 14- 18, 2014.

Paper Presented: Relational Analysis of Public Examiners Characteristics, Satisfaction with and Attitude to Marking In South-South Nigeria.

2. 17th Annual Conference of Nigerian Association of Educational Researchers and Evaluators of Nigeria, held at Conference Centre, University of Ibadan, Ibadan, Nigeria. July 12- 17, 2015.

Paper Presented: Comparative Analysis of Item Local Independence of WAEC and NECO 2012 Mathematics (Objectives) Test Items.

3. Global Education Network (GEN) International Conference in collaboration with The West African Union University (THEWAUU) held at the Conference Centre, The West African Union University, Cotonou, Republic of Benin, on August 25-27, 2015.

Paper Presented :Relational Analysis of Personal Variables and Marking Skills of National Examinations Council's Examiners, South West, Nigeria.

4. 1st Annual Conference of Educational Assessment & Research Network in Africa (EARNiA) held at the University of Buea, Buea, South West Region, Cameroon on November 23-27, 2015.

Paper Presented :Investigation of the Teaching Engagement Disposition and Domain of Mathematics Knowledge of Primary School Teachers in Osun State, Nigeria.

5. 2nd Educational Assessment & Research Network in Africa (EARNiA), held at international Conference Centre, University of Calabar, Nigeria on November 28 - December 2, 2016.

Paper Presented: Development and Validation of Opportunity to Learn Mathematics Scale, Using Item Response Theory (IRT)

6. 3rd Educational Assessment & Research Network in Africa (EARNiA), held at Faculty of Education, Twin Lecture Theater, Benue State University, Makurdi, on December 3-8, 2017.

Paper Presented:

- i. *Assessment of the Pattern of SSI Students Pre-level Mathematics Cognitive and Content Achievements*

- ii. *Cognitive Entry Characteristics in mathematics and Teaching Effectiveness as Correlates of Students' Achievement in Quantitative Chemistry in Rivers State, Nigeria*
- 7. 4th Educational Assessment & Research Network in Africa (EARNiA), held at College of Distance Education, University of Cape Coast, Cape Coast, Ghana, on September 2-7, 2018.

Paper Presented: Effect of Demography Variables on Students' Farm Practical Skills of Students in Federal College of Forestry Ibadan

- 8. 1st forum of the Association of Behavioural Research Analysts and Psychometricians, held at Distance Learning Centre Hall, University of Ibadan, Nigeria on February 4-8, 2019.

Paper Presented: Student Mathematics Engagement: Development and Validation of a Measurement Instrument.

XII TEN BEST PUBLICATIONS

The following ten (10) publications best reflect my contributions to scholarship and research on **Teaching, and Assessment of factors related to students' achievement in mathematics**:

1. Adeleke J.O. (2008). Effect of Cognitive Entry Characteristics and Gender on Students' Cognitive Achievement in Bearing. *Ife Journal of Theory and Research in Education* Vol.11, No. 1&2; 75-87.(No. 15 of CV)
2. Adeleke J.O. (2011).Path Analytic Study of Gender, Mathematics Conception, Manipulative Skills, Learning Readiness and Students' Achievement in Mathematics. *Ghana Journal of Education and Teaching*Vol. 12, 11-21. (No. 23 of CV)
3. Adeleke, J.O. (2011).Effective Teaching of Secondary School Mathematics through Mastery Learning StrategyInOgundele B.O, Moronkola O.A and Babalola J.F (Eds). *Contemporary Issue in Education, Health and Sports: The Way Forward*.Department of Human Kinetics and Health Education,UniversityofIbadan, Ibadan;89-98 pp.ISBN: 978-074-941-1. (No. 1 of CV)
4. Adeleke, J.O (2013). Instructional Material Improvisation for Enhanced Mathematics Learning. In A.O.U. Onuka (Ed.),*Learning*, Society for the Promotion of Academic and Research Excellence (SPARE), Ibadan. 100-112pp.ISBN: 978-978-50622-7-4.(No. 3 of CV)
5. **Adeleke J.O.** andAppah R.O. (2013). Contributory Influence of Pre Admission Qualifications and Demographic Factors of Federal Colleges of Agriculture Students on their Attitude towards Mathematics Courses. *Lagos Education Review(LER) –A Journal of Studies in Education*. Vol 13. No.1; 14-20. (No. 28 of CV)
6. Adeyemi, O.S. and **Adeleke, J.O.**(2015). Efficacy of Immediate Knowledge of Result via e-assessment Mode on Senior Secondary School Students' mathematics Learning Outcomes. *Journal of Science Education and Research* Vol. 1 No.1, 15-25. (No. 34 of CV)
7. **Adeleke,J.O.**andAkinbode, O.O. (2016). Effect of The Group Simulation Game Strategy on The Algebra Achievement of Junior Secondary Class II Students inOwo, Nigeria. *International Journal of Educational Development*, Vol. 6, 83-91.(No. 39 of CV)
8. Audu, L.C., Obaitan, G.N. and**Adeleke, J.O.** (2017),Development And Validation Of Opportunity To Learn Mathematics Scale Using Item Response Theory (IRT). *African Journal of Theory and Practice of Educational Assessment* Vol. 4, 34-49. (No. 42 of CV)

9. Omotayo S.A. and **Adeleke J.O.**(2017) The 5e Instructional Model: A Constructivist Approach for Enhancing Students’ Learning Outcomes in Mathematics.*Journal of the International Society for Teacher Education*, Vol. 21 No. 2; 15-26. (No. 43 of CV)

10. Ariyo, S.O.and**Adeleke J.O.** (2018) Using After School Programme to Improve Mathematics Achievement and Attitude among Grade Ten Low Achievers.*Journal of the International Society for Teacher Education*, Vol. 22, No. 2; 49 -58. (No. 50 of CV)

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XII.

RESEARCH FOCUS

A researcher whose focus centres on achievement in a school subject always dedicate time to develop instructional approaches that can enhance achievement and investigate factors that can explain observed variation in measurement. This explains the main focus of my research studies that centred majorly on **students’ achievement in mathematics** starting from Secondary to tertiary levels. The concerned issues that bother on students’ academic achievement which include: teaching strategies and approaches, instructional materials, gender, mathematical conception, manipulative skills opportunity to learn mathematics, Information and communication technology, admission requirements and other factors that can enhance mathematics achievement directly or indirectly have drawn my research interest. I have thus set the identified factors as my research priority to explain variation in students’ achievement in mathematics.

The entry capacity of a learner to mathematics class and the way gender can moderate the capacity to affect the achievement level in the subject is central, hence the effect of cognitive entry characteristics and gender was investigated. The strength of certain factors such as mathematics conception, manipulative skill and learning readiness of a learner that intends to achieve maximally in mathematics cannot be undermined because they could jointly provide a strong foundation for better achievement in mathematics, thus their path relationships were examined. The uniqueness of mathematics as a figure-based subject requires teaching strategies that can enhance learning permanence that would support the transfer of the knowledge gained. The realisation of this made me to contribute a chapter in a book to address procedures for using mastery learning strategy to teach mathematics in secondary schools. Teaching Mathematics with appropriate instructional materials could support the learners to concretise basic concepts. Cognisance of paucity of such materials informed my devotion of a chapter of a book to how such materials can be improvised to address the material dearth in mathematics classroom. Delayed feedback when it comes to mathematics teaching is no feedback, because corrective purpose of giving feedback would have been defeated. Hence, electronic dimension feedback effect was investigated.

The opportunities mathematics learners have vary and such variation could cause variation in mathematics achievement too. This therefore required the development and validation of a scale to measure the construct for better understanding of the context on which teaching engagement is based. Social nature of man, the crave youths have for modern technology, admission requirements and the support low mathematics achievers among students need, ought to be given attention by researchers if better mathematics achievement will be recorded. All of these were investigated and their effects on achievement were established and published.

As a trained evaluator, I coordinated Need assessment of mathematics teachers in Osun state under Cluster Model Project. My evaluation skills were applied to carry out context assessment of mathematics teaching under Eko Project in Lagos State. All these centred on establishing factors that could influence students’ mathematics achievement.

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Paper Presentation

- (i) **The Need, Construction and use of Teaching Aids for Effective Teaching in Primary Schools-** A Workshop organized by SUBEB, Ogun State in collaboration with University of Ibadan Industrial Training and Coordinating Center (ITCC) at Abeokuta and Ijebu Ode. 10 and 17 October, 2006.
- (ii) **Mastery Learning as an Effective method of teaching mathematics in Primary Schools** – A Workshop organized by SUBEB, Ogun State in collaboration with University of Ibadan Industrial Training and Coordinating Center (ITCC) at Abeokuta and Ijebu Ode. 12 and 19 October, 2006.
- (iii) **Gender Role on Topic Preference of Senior Secondary School Students in Mathematics-**A paper presented at West African Examinations Council monthly seminar held in Lagos, 27 April, 2007.
- (iv) **The Mathematics Teacher- A Counsellor and A Role Model.** A 2-Day Workshop organized by SUBEB, Osun State in collaboration with University of Ibadan Consult, for primary school teachers, at Osogbo 23 and 24 August, 2007.
- (v) **Instructional Materials Improvisation for Effective Mathematics Teaching in Secondary Schools.** Presented at A-3 Day Workshop Organised by Faculty of Art, University of Ibadan at Abadina Media Centre. 2007

1.Mastery Learning: An Effective Method of Teaching Mathematics in Secondary Schools. Presented at A-3 Day Workshop Organised by Faculty of Art, University of Ibadan at Abadina Media Centre. 2007

- (vi) **The Teaching of Integrated Science in the Secondary Schools: The Need, Evaluation and the Necessary Intervention for positive Impact on the Students.** A Workshop organized by SUBEB, Ogun State in collaboration with University of Ibadan Industrial Training and Coordinating Center (ITCC) at Abeokuta, Ijebu Ode, Shagamu and Ilaro. 18-20 and 25-29 March, 2008.
- (vii) **Appropriate Assessment Strategies for Positive Impact on the Students of Integrated Science.** A Workshop organized by SUBEB, Ogun State in collaboration with University of Ibadan Industrial Training and Coordinating Center (ITCC) at Abeokuta, Ijebu Ode, Shagamu and Ilaro. 18-20 and 25-29 March, 2008.
- (viii) **The Mathematics Teacher- A Counsellor and A Role Model.** A 3-Day Workshop organized by SUBEB, Oyo State, for primary school teachers, at Oyo, 19-21 March, 2008.
- (ix) **Uses of Assessment To Evaluate Mathematics Learning.** A 3-Day Workshop organized by SUBEB, Oyo State, for Mathematics Teachers for Junior Secondary Schools in the State. 13-15 May, 2008.
- (x) **Improvisation of Instructional Materials for Effective Teaching of Mathematics In Junior Secondary Schools.** A 3-Day Workshop organized by SUBEB, Oyo State, for Mathematics Teachers for Junior Secondary Schools in the State at Oyo town. 13-15 May, 2008.

- (xi) **Information and Communication Technology (ICT) for Professional Development.** Presented at A-Week workshop organized by Scripture Union for Her Staff at the Union Headquarters Ibadan on 8-12 June, 2008
- (xii) **Security Issues in Evaluation of Distance Learners' Academic Achievement:** A 2-Day Workshop organized by University of Ibadan Distance Learning Centre in collaboration with The Institute of Education University of Ibadan. 16 & 17 July, 2008.
- (xiii) **Preparation of Scheme of Work and Lesson Plans For Effective Teaching.** Master Trainer Workshop for Implementation of 9-year basic Education Organized by Universal Basic Education Commission. 10-11 August, 2008
- (xiv) **The Mathematics Teacher- A Counsellor and A Role Model.** A 2-Day Workshop organized by SUBEB, Osun State in collaboration with Federal College of Education (Special) Oyo Consult, for primary 6 Mathematics teachers, at Osogbo 8 and 9 October, 2008.
- (xv) **Improvisation of Instructional Materials: Challenge of the new Mathematics Curriculum Implementation.** Presented at A-3 Day Workshop for Primary School Mathematics teachers organized by the Federal Government and Ogun State Government in Collaboration with University of Ibadan Industrial Training and Coordinating Center (ITCC) at Shagammu and Ijebu-Ode. 10 — 12 December, 2008.
- (xvi) **Knowledge Update for Effective Implementation of the new Mathematics Curriculum.** Presented at A-3 Day Workshop for Primary School Mathematics teachers organized by the Federal Government and Ogun State Government in Collaboration with University of Ibadan Industrial Training and Coordinating Center (ITCC) at Shagammu and Ijebu-Ode. 10 — 12 December, 2008.
- (xvii) **Facilitating Physical and Health Education Learning through Effective Assessment Strategies.** Presented at A-3 Day Workshop for Primary School Physical and Health Education teachers organized by the Federal Government and Ogun State Government in Collaboration with University of Ibadan Industrial Training and Coordinating Center (ITCC) NUJ House Abeokuta. 15 — 17 December, 2008.
- (xviii) **Enhancing Teaching Learning Process in Physical and Health Education Class through Immediate Feedback.** Presented at A-3 Day Workshop for Primary School Physical and Health Education teachers organized by the Federal Government and Ogun State Government in Collaboration with University of Ibadan Industrial Training and Coordinating Center (ITCC) NUJ House Abeokuta. 15 — 17 December, 2008.
- (xix) **Improvisation of Instructional Materials and Uses of Modern Information and Communication Technology (ICT) for Effective Science Teaching.** A 3-Day Workshop Organized By FGN/SUBEB Oyo State in Collaboration with LAGEM and Associates, Ibadan Oyo State at Lagelu Grammar School Ibadan. 13-15 January, 2009.
- (xx) **Uses of Assessment Tools to Evaluate Science Learning.** A 3-Day Workshop Organized By FGN/SUBEB Oyo State in Collaboration with LAGEM and Associates, Ibadan Oyo State at Lagelu Grammar School Ibadan. 13-15 January, 2009.
- (xxi) **Teaching Science of Living and Non-Living Things in Primary Schools.** A 3-Day Workshop Organized By FGN/SUBEB Oyo State in Collaboration with SPED

- Ventures Limited, Federal College of Education (Special) Oyo, Oyo State Nigeria, at AjayiCrowther University Oyo. 11-13 February, 2009.
- (xxii) **Assessment of Learning Outcomes in Primary School Science.** A 3-Day Workshop Organized By FGN/SUBEB Oyo State in Collaboration with SPED Ventures Limited, Federal College of Education (Special) Oyo, Oyo State Nigeria, at AjayiCrowther University Oyo. 11-13 February, 2009.
- (xxiii) **Teaching Science of Living and Non-Living Things in Junior Secondary Schools.** A 2-Day Workshop Organized By FGN/SUBEB Osun State in Collaboration with SPED Ventures Limited, Federal College of Education (Special) Oyo, Oyo State Nigeria, at Joint Heirs Hall, Osogbo, Osun State, Nigeria. 16-17 February, 2009.
- (xxiv) **Assessment of Learning Outcomes in Junior Secondary School Science.** A 2-Day Workshop Organized By FGN/SUBEB Osun State in Collaboration with SPED Ventures Limited, Federal College of Education (Special) Oyo, Oyo State Nigeria, at Joint Heirs Hall, Osogbo, Osun State, Nigeria. 16-17 February, 2009.
- (xxv) **Mathematics Teacher- A Counsellor and a Role Model.** A 3-Day Workshop Organized By FGN/UBEC/SUBEB Oyo State in Collaboration with SPED Ventures Limited, Federal College of Education (Special) Oyo, Oyo State Nigeria, at Emmanuel Alayande Resource Centre, Ibadan, Oyo State, Nigeria. 3-5 February, 2009.
- (xxvi) **Procedures for Organizing Career Programmes in Primary Schools.** A 3-Day Workshop Organized By FGN/SUBEB Oyo State in Collaboration with LAGEM and Associates, Ibadan Oyo State for Paracounsellors at Emmanuel Alayande Education Resource Centre Ibadan. 5-7 May, 2009.
- (xxvii) **Gender Issues in School Counselling.** A 3-Day Workshop Organized By FGN/SUBEB Oyo State in Collaboration with LAGEM and Associates, Ibadan Oyo State for Paracounsellors at Emmanuel Alayande Education Resource Centre Ibadan. 5-7 May, 2009.
- (xxviii) **Enhancing Teaching Learning in Physical and Health Education Class Through Immediate Feedback.** Presented at A-3 Day Workshop for Junior Secondary Physical and Health Education Teachers, organized by the Federal Government and Ogun SUBEB in Collaboration with University of Ibadan Industrial Training and Coordinating Center (ITCC) at Abeokuta, Ijebu-Ode and Ilaro. 08 — 10 August, 2009.
- (xxix) **Facilitating Physical and Health Education Learning Through Effective Assessment Strategies.** Presented at A-3 Day Workshop for Junior Secondary Physical and Health Education Teachers, organized by the Federal Government and Ogun SUBEB in Collaboration with University of Ibadan Industrial Training and Coordinating Center (ITCC) at Abeokuta, Ijebu-Ode and Ilaro. 08 — 10 August, 2009.
- (xxx) **Work, Energy and Power.** Presented during A 2-Day Skill Acquisition Workshop for JSS Basic Science Teachers on Effective Teaching of Science on Energy organized by SUBEB, Osun State in collaboration with Federal College of Education (Special) Oyo Consult, at Cheers Event Centre Osogbo 22 & 23 July, 2009.

- (xxxii) **Simple Machine (Wheel and Axle)**. Presented during A 2-Day Skill Acquisition Workshop for JSS Basic Science Teachers on Effective Teaching of Science on Energy organized by SUBEB, Osun State in collaboration with Federal College of Education (Special) Oyo Consult, at Cheers Event Centre Osogbo 22 & 23 July, 2009.
- (xxxiii) **Simple Machine (Screw Thread)**. Presented during A 2-Day Skill Acquisition Workshop for JSS Basic Science Teachers on Effective Teaching of Science on Energy organized by SUBEB, Osun State in collaboration with Federal College of Education (Special) Oyo Consult, at Cheers Event Centre Osogbo 22 & 23 July, 2009.
- (xxxiiii) **Teaching Mathematics for Mastery in Primary Schools**. Presented at A-3 Day Workshop for Primary School Mathematics teachers organized by the Federal Government and Ogun SUBEB in Collaboration with University of Ibadan Industrial Training and Coordinating Center (ITCC) at Abeokuta and Ilaro. 26 — 28 August, 2009.
- (xxxv) **Improvisation of Instructional Materials: Challenge to Mathematics Teachers in Primary Schools**. Presented at A-3 Day Workshop for Primary School Mathematics teachers organized by the Federal Government and Ogun SUBEB in Collaboration with University of Ibadan Industrial Training and Coordinating Center (ITCC) at Abeokuta and Ilaro. 26 — 28 August, 2009.
- (xxxvi) **Teaching Science of Living and Non Living Things in Junior Secondary Schools**. Presented at A-3 Day Workshop for Junior Secondary Basic Science and Technology teachers, organized by the Federal Government and Ogun SUBEB in Collaboration with University of Ibadan Industrial Training and Coordinating Center (ITCC) at Abeokuta and Ilaro. 26 — 28 August, 2009.
- (xxxvii) **Work, Energy and Power**. Presented at A-3 Day Workshop for Junior Secondary Basic Science and Technology teachers, organized by the Federal Government and Ogun SUBEB in Collaboration with University of Ibadan Industrial Training and Coordinating Center (ITCC) at Abeokuta and Ilaro. 26 — 28 August, 2009.
- (xxxviii) **Teaching Central Tendency (Mean, Median and Mode) in Junior Secondary Schools**. Presented during A 3-Day Skill Acquisition Workshop for JSS 3 Mathematics Teachers on Effective Teaching of Everyday Statistics (Measurement of Central Tendency and Data Presentation) organized by UBEC/SUBEB, Osun State in collaboration with Federal College of Education (Special) Oyo Consult, at LAWOD Events Hall, Okinni, Osogbo, 28th-30th December, 2009.
- (xxxix) **Problems Confronting the Teaching and Learning of Junior Secondary Mathematics**. A chapter of Training Module on Innovative Methods and Strategies for Teaching Mathematics in Junior Secondary Schools, used during A 3-Day Workshop Organized By SUBEB Oyo State and conducted by OYSCOED Consult, Emmanuel Alayande College of Education, Oyo, 9-11 February, 2010.
- (xl) **Resources for Teaching Junior Secondary Mathematics and How best to use Them**. A chapter of Training Module on Innovative Methods and Strategies for Teaching Mathematics in Junior Secondary Schools, used during A 3-Day Workshop Organized By SUBEB Oyo State and conducted by OYSCOED Consult, Emmanuel Alayande College of Education, Oyo, 9-11 February, 2010.

- (xl) Attitude and Perception of Nigerian On tobacco Smoking and Knowledge of Tobacco Control Laws. **Survey report presented to Environmental Right Action**, Friends of the Earth as Co-Investigator (Data Analyst and Report writer
2008
- (xli) Baseline/Impact of Tobacco control Bill on People living in Abuja (capital city of Nigeria). Survey report aspect of the final report of the National tobacco Situation Analysis in Nigeria sponsored by IDRC. This report was presented in Lagos during NATSA Stakeholders meeting in Lagos Nigeria. 2008-2010
- (xlii) Tobacco Baseline Information about Nigeria. Presented at Take off meeting of NATSA Stakeholders meeting in Nigeria held in Lagos. 2008
- (xliii) Validation of Learning Hierarchy in Senior Secondary School Mathematics -A paper presented at West African Examinations Council monthly seminar held in Lagos, 5 February, 2010.
- (xliv) **Imperatives of e-learning in Education**-Presented during A 4-day workshop organized by Grapevine Consulting Limited and Oyo State Government at Jogor Centre Ibadan. 4-8 July, 2011.
- (xlv) **Educational Trends and Educational Technology** —Presented during A 4-day workshop organized by Grapevine Consulting Limited and Oyo State Government at Jogor Centre Ibadan. 4-8 July, 2011.
- (xlvi) **Construction of Achievement Test** —Presented during A 4-day workshop organized by Federal Science and Technical College, Ijebu Mushin. 8-11 August, 2011.
- (xlvii) **School Resources Improvement, Team And Skill Development**-Presented during A 3-day workshop organized by First Management Consult Lagos/Lagos Eko Project/World Bank for Principals of Public Secondary Schools in Lagos, at Centre for Management and Development (CMD), Shangisha, Lagos. 17 October, 2011
- (xlviii) **Conflict Management In School Improvement Planning And Management**-Presented during A 3-day workshop organized by First Management Consult Lagos/Lagos Eko Project/World Bank for Principals of Public Secondary Schools in Lagos, at Imol Event Centre, Aja, Lagos. 18 October, 2011
- (xlix) **Reporting And Documenting Community-Based Monitoring And Evaluation**-Presented during A 2-week workshop organized by Supreme management Training and Consultancy Services Limited (SMTCSL) Ibadan and Bauchi state Government for Malaria Control project Monitoring and Evaluation Officers, at SMTCSL Centre, Bodija, Ibadan. 26 October, 2011
- (l) **Building Students’ Strong Mathematical Foundation Using Task Analysis** -Presented during A 3-day workshop organized by Association of Federal Science and Technical College Principal in South-West Nigeria at Federal Government College Ikirun. 23-25 July, 2012.
- (li) **Mastery Approach to Learning of Difficult Secondary School Mathematics Topics**—Presented during A 3-day workshop organized by Association of Federal Science and Technical College Principal in South-West Nigeria at Federal Government College Ikirun. 23-25 July, 2012.
- (lii) **Enhancing teacher professional Competencies**: Cluster workshop for primary school teachers December 2014- February 2015.

- (liii) **Usage of Bilog-Mg for Item Response Theory (IRT) related studies.** Presented to Selected Academic Staff and Post Graduate students of ObafemiAwolowo University, Ile-Ife, Nigeria 24-25 June, 2015

- (liv) **Open and Distance Learning Research Methods & Tools for Academic Staff of National and Open University, Nigeria.** Presented at Centre for Management and Development, Lagos. 17 & 18 July, 2015.

- (lv) **Teaching Methodology in Nursing Education.** Presented during Special Capacity building for all Tutors in the Schools of Nursing and Midwifery in Ibadan, Oyo state. 18 & 19 July, 2017

- (lvi) **Data analysis, Interpretation and Report Writing.** Presented at A day workshop organized for Professional Guidance Counsellors in Abuja on 25 July, 2017.
- (lvii) **Item Response Theory (IRT)- Theory and Practice:** presented during Training workshop on Item response Theory (IRT) for National Examination Council Staff. Organized by Institute of Education, University of Ibadan in Minna, Niger State, 30 July -10 August, 2017.
- (lviii) **Tests Linking using Item Response Theory (IRT)-**presented during Training workshop on Item response Theory (IRT) for National Examination Council Staff. Organized by Institute of Education, University of Ibadan in Minna, Niger State, 30 July -10 August, 2017.

- (lix) **Principle of Test onstruction:** During A 2-Day workshop on Development of Monitoring Learning Achievement (MLA) Tools for Non-Formal Education Programmes in 36 States in 36 States and FCT Held at Ramat Hotels & Suits Ltd. No. 6 Karu GRA Layout, Along Abuja-Keffi Road, New Nyanaya, Karu LGA, Nassarawa State. 17- 20 July, 2017

- (lx) **Designs and Sampling in Contemporary Studies:** During Capacity Building Workshop on Research Practices for Staff of Development Agenda for Western Nigeria (DAWN) at 10th Floor Cocoa Building, Ibadan. 6-15 September, 2017
- (lxi) **Results Presentation:** During Capacity Building Workshop on Research Practices for Staff of Development Agenda for Western Nigeria (DAWN) at 10th Floor Cocoa Building, Ibadan. 6-15 September, 2017
- (lxii) **Data Verification:** Technical Team workshop on National Assessment on Learning Achievement on Basic Education (NALABE) 2017 Data verification Workshop at Board Room of Universal Basic Education Commission (UBEC), Abuja. 7-8 March, 2018.
- (lxiii) **Results Presentation:** NALABE Report Writing Meeting, Organised by Universal Basic Education Commission (UBEC), at New Keffi Hotel, Keffi,3-5 April, 2018.
- (lxiv) **Using Diagnostic Assessment and After School Programme to Improve Achievement and Attitude Among Low Learners in Mathematics.** West African

Examinations Council Special Seminar. at Multipurpose Halls, WAEC international office, Agidingbi, Ikeja, Lagos State. 24 January, 2019.

- (lxv) **Test Development and Administration** for Lecturers and Item writers for Chattered Institute of Bankers at Bankers House, Victoria Island, Lagos, Nigeria. 30 January, 2019

Referees Addresses

2. Prof Folajogun V. Falaye
Institute of Education,
University of Ibadan.

2. Prof. J. G. Adewale,
Institute of Education,
University of Ibadan.

3. Prof Adenike E. Emeke.
Institute of Education,
University of Ibadan..



Signature

25/10/2019

Date

Sampled STUDENT Projects/Theses SUPERVISED BY DR J O ADELEKE

S/N	NAME	MATRIC NO	TITLE OF THE PROJECT	YEAR	CATEGORY
1.	AyodeleIsholaWakeel	188862	Assessment of Perceived Difficulty, Frequency of Practice and Achievement in Mathematics of Junior Secondary School Students in Ibadan Less City, Oyo State.	2018	MEd
2.	Afolabi Reuben Taiye	196042	Influence of Demographic Variables and Mathematics Attitude on Achievement in Statistics and Farm Practical Skills of Students in Federal College of Forestry Ibadan	2018	MEd
3.	Musa AdekunleAyanwale	152746	Efficacy of IRT In Score Ranking and Concurrent Validity of Dichotomous and Polytomous Response Mathematics Achievement Test in Nigeria	2019	Ph.D
4.	Simeon Oluniyi ARIYO	118968	Diagnostic Assessment And Effect Of After-School Programmes On The Mathematics Learning Outcomes Of Low Achieving Students In Oyo State Secondary Schools	2018	Ph.D
5.	TelimoyeLeesi MITEE	176974	Cognitive Support And Opportunity To Learn Variables As Correlates Of Students' Practical Skills And Achievement In Quantitative Chemistry In Rivers State, Nigeria	2018	Ph.D
6.	BolajiPopoola	183182	Development And Use Of Professional Learning Scheme For Improved Teachers' Competency And Students Outcome In Mathematics In Abeokuta, Ogun State.	2018	Ph.D
7.	Samson O. Aremu	176946	Impact Of Lagos Eko Project On Mathematics: Achievements And Enrolment In Secondary Schools In Education District 1, Agege, Lagos State, Nigeria	2018	M.ED
8.	Odagi	187090	Assessment Of Enhance Factors On Financial Accounting Students' Achievement And Knowledge Transfer Skills.	2018	M.ED

9.	Stephen Akinyemi OMOTAYO	160594	Effects Of Dynamic Mathematics Software And 5e Instructional Model On Students' Geometry Achievement, Interest And Retention In Senior Secondary Schools In Ibadan, Nigeria.	2017	Ph.D
10.	Ogechukwu Rose Appah	142016	Evaluation Of The National Diploma Programme Of Federal Colleges Of Forestry In Nigeria	2016	Ph.D
11.	EkentaAdaobi Francisca	177085	Socio-motivational Factors As Correlates Of School Principal Administrative Effectiveness In Rivers State	2016	M.ED
12.	Owunabo Brown Evelyn	181911	Assessment Of Home Environment Variables, Learning Readiness, And Academic Achievement Of Students In Rivers State	2016	M.ED
13.	OgunleyeAgboolaSeun	187949	Value-added Measures As A Predictor Of Mathematics Teacher Effectiveness	2016	M.ED
14.	OlufolaboAdeiteAdeneye	33759	Predictive Study Of Entry Status, Qualifying Test Scores, Industrial Statistics' Attitude And Achievement Of Nd2 Statistics Students In Federal Schools Of Statistics, Nigeria	2016	M.ED
15.	Oyet Peace Israel		Study Habit, Self-Dependency And Home Support As Determinants To Students Attitude And Achievement In Accounting Among Senior Secondary Schools Students In Rivers State	2015	M.ED
16.	Awuse Johnson Ndata	189466	Teachers Assessment Competence And Home Support Variables As Predictors Of Senior Secondary Ii Students Learning Outcomes In Mathematics, Rivers State	2015	M.ED
17.	OgunwandeMufutauDebo	125789	Learning Support Opportunity And Teacher Pedagogical Skill As Correlate Of Learning Outcome In Mathematics In Selected Secondary Schools In Osun State Nigeria.	2015	M.ED
18.	AppahWerinipre Ann	161230	Comparative Analysis Of Implementation Of Undergraduate Vocational Teacher Education Programmes In Rivers And Delta States	2014	M.ED
19.	OlanrewajuSeunAdeyemi	168843	Effect Of Computer Based Test Feedback On Senior Secondary School Students' Mathematics Learning Outcomes	2014	M.ED
20.	SamaRoseline	176464	Teacher Classroom Engagement, Attitude And	2014	M.ED

			Students Career Expetancy As Correlates Of Learning Outcomes In Mathematics		
21.	Ayanwale Musa Adekunle	152746	Examiners Characteristics And Attitude As Predictors Of Making Skills And Knowledge Of Malpractice Indicators	2014	M.ED
22.	AkinbodeOluseyiOlufunmilayo	161989	Effect of Group Simulation Game Strategy On The Attitude And Achievement Of Students In Mathematics (Algebra) In Junior Secondary School In Owo, Ondo State	2014	M.ED
23.	Olabode Johnson Oluwasaanumi	172718	Comparative Analysis Of Item Local Independence of WAEC And NECO 2012 Mathematics Test Items	2014	M.ED
24.	Ogunremi, Catherine Bosede	159230	Effect of Language of Instruction and Pupils Attitude On The Performance of Primary School Pupils In Mathematics In Oyo State	2012	M.ED
25.	Frank Akeodi	162154	Comparative Study of Parental Involvement in Child Schooling In Two War Affected Areas Of Rivers State	2012	M.ED
26.	AppahWerinipre Ann	161230	Comparative Analysis Of Implementation Of Undergraduate Vocational Teacher Education Programmes In Rivers And Delta States	2012	M.ED
27.	IddoEluanataziba	154025	Relational Analysis of Public Examiners' Characteristics and Attitude towards Marking in Nigeria	2012	M.ED
28.	OluwatayoGbengaKayode	154255	Examiners Characteristics and School Variables as Correlates of Examiners' Attitude Towards Reporting Cases of Examination Malpractice.	2011	M.ED
29.	AppaOgechukwu Rose	142016	SSCE Grades and UTME Scores as Correlates of Year One National Diploma Students Mathematics Learning Outcome in Federal Colleges of Agriculture	2011	M.ED
30.	Adebayo AdekunleKehinde	141068	Investigation into Curriculum Implementation Materials, Job Motivation and Junior Secondary School Students' Mathematics Learning Outcomes	2011	M.ED
31.	SannniRizqatFolawe	113211	Relationaship among Mathematics Anxiety, Attitude and Gender on Students Achievement in Secondary School Mathematics.	2010	M.ED
32.	Isiakpere B. Jeremiah	141025	Students' Mathematics Conceptions, Manipulated	2010	M.ED

			skills and Learning readiness as Correlates of achievement in Mathematics.		
33.	AkinwandeGbemisolaBukola	141887	Effects of Truancy, Parental Educational Background and gender on students performance in Junior Secondary Mathematics in Ijebu Ode Local Government Area.	2010	M.ED
34.	Folarin Ezekiel Oluwole	1424 75	Classroom Environment and Students' motivation as predictors of achievement in Mathematics at Senior Secondary School Level in Odeda Local Government Area	2009	M.ED