

CURRICULUM VITAE



- I. (a) Name: Mobolanle Modupe OSOKOYA (nee OWOLOWO)
(b) Date of Birth: 29 August, 1962
(c) Department: Not applicable
(d) Institute/Faculty: Institute of Education
Contact:Telephone: +2348057979172; +2347038001180;
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mмосokoya@mail.ui.edu.com
(e) Address: Institute of Education, University of Ibadan, Ibadan, Nigeria
- II. (a) First Academic Appointment: Research Fellow II: 1 August, 2000
(b) Present Post (with date): Reader (Associate Professor): 1 October, 2014
(c) Date of Last Promotion: 1 October, 2014
- III. University Education (with dates)
(a) University of Ife (now Obafemi Awolowo University, Ile-Ife) 1979-1983
(b) University of Ibadan, Ibadan 1986-1988
(c) University of Ibadan, Ibadan 1990-1991
(d) University of Ibadan, Ibadan 1992-1998
- IV. Academic Qualifications (with dates and Granting bodies)
(a) Bachelor of Science Chemistry – University of Ife (now Obafemi Awolowo University, Ile-Ife) 1983
(b) Post-graduate Diploma in Education (PGDE) – University of Ibadan, Ibadan 1988
(c) Master of Education – University of Ibadan, Ibadan 1991
(d) Doctor of Philosophy – University of Ibadan, Ibadan 1998
- V. Professional Qualifications and Diplomas (with date)
(a) Post-graduate Diploma in Education (PGDE) 1988

- VI. Scholarships, Fellowship and Prizes in respect of Undergraduate and Postgraduate work only: Nil
- VII. Honours, Distinctions and Membership of Learned Societies
- | | | |
|-------|--|-----------|
| i. | Member Science Teacher Association of Nigeria (MSTAN) | 1992-Date |
| ii | University of Ibadan Senate Research Grant Award | 2010 |
| iii | American Evaluation Association International Travel Award | 2016 |
| iv | Executive Board Member: International Society for Teacher Education | 2016-2018 |
| v. | Science Teacher Association of Nigeria (STAN) | 1992-Date |
| vi. | Nigerian Association for Science Education Research (NASER) | 2001-Date |
| vii. | Association of Education Researchers and Evaluators of Nigeria (ASREN) | 2005-Date |
| viii. | Teacher's Registration Council of Nigeria (TRCN) | 2006-Date |
| ix. | International Society for Teacher Education (ISfTE) | 2008-Date |
| x. | American Evaluation Association | 2015-Date |
| xi. | Nigerian Association of Evaluators (NAE) | 2015-Date |
- VIII. Details of Teaching/ Work Experience
- | | | |
|-------|---|----------------|
| (a) | Teaching Experience at Secondary School Level | |
| i. | Chemistry, Integrated Science and Mathematics teacher at Anglican Girls' Grammar School, Ijebu-Ode under Ogun State Teaching Service Commission | 1984-1991 |
| ii. | Mathematics teacher at Orogun Grammar School, Orogun Ibadan under Oyo State Teaching Service Commission. | 1996-1998 |
| (b) | Teaching Experience at College of Education | |
| | Lecturer II at Federal College of Education, Oyo (Special) | June-July 2000 |
| (c) | Work Experience at University level | |
| | Research Fellow II | 2000-2003 |
| | Research Fellow I | 2003-2006 |
| | Senior Research Fellow | 2006-2014 |
| | Visiting Senior Research Fellow, University of Ilorin, Ilorin | 2015-2016 |
| | Reader | 2014 to date |
| (b) | Academic Workload | |
| i. | IED 714 – Chemistry Methods | 2000-Date |
| ii. | EVE 705 – Formative and Summative Evaluation of Students' Achievement | 2003-2006 |
| iii. | EVE 709/739 – Intelligence and Aptitude Testing | 2003-Date |
| iv. | EVE 710 – Construction of Questionnaire and Rating Scales | 2000-2004 |
| v. | EVE 719 – Research Design I | 2007- 2015 |
| vi. | EVE 713 – Public Examining in Maths and Sciences | 2004- 2015 |
| vii. | EVE 813 – Advanced Test Theory | 2005-2006 |
| viii. | EVE 809 – Aptitude Test Standardization | 2006-Date |
| ix. | EVE 716 - Curriculum Evaluation | 2018 till date |

- (c) Projects, dissertations
- i. Supervision of PGDE students' project (46)
 - ii. Supervision of M.Ed. Degree students' project (64)
 - iii. Supervision of Ph.D. Students thesis (11)
1. Effects of Four Instructional Strategies on Students' Learning Outcomes in Practical Physics(Evelyn Ukamaka Akuche, 2008)
 2. Effects of Diagnostic Adaptive, Action-Based and Pair Testing Modes on Senior Secondary School Students' Learning Outcomes in Electrochemistry(Johnson Ayodele Opateye, 2009)
 3. Evaluation of the Pre-NCE Programme in Science, Technical and Language Education in Colleges of Education in South-western Nigeria (James Oladipo Folorunso, 2010)
 4. Effects of Problem-Based and Textbooks with Assessment Approaches on Secondary School Chemistry Students' Learning Outcomes in Federal Government Colleges, South-west Nigeria (Chinwe Christiana Nwazota, 2014)
 5. Instructional Time, Teacher Quality and Subject Specialization as Determinants of Pupils' Achievement in Basic Science and Technology in Ogun State Primary Schools (Mosunmola Bunmi Amusan, 2014)
 6. Resilency, Big-Five Personality Traits, Demographic Variables and Job Satisfaction As correlates of Teaching Behaviour among Secondary School Teachers in Ibadan Metropolis, Nigeria (Rebecca Ibhaguelo Ehigie,2015)
 7. Voter Education Programme and Electorates' Knowledge of and Attitude to Voting in Anambra State, Nigeria (Akpezi Benjamin Etobro, 2015)
 8. Effectiveness of the National Youth Service Corps Scheme among 2012-2013 Corps Members in Lagos and Oyo States, Nigeria (Veronica Ehis Elemure,2015)
 9. Student and Teacher Characteristics as Correlates of Chemistry Practical Process Skill and achievement in Chemistry of Senior Secondary School Students in Ibadan Metropolis (Angela Olaitan ADEDOKUN-RAHEEM, 2018)
 10. Instructional Congruence, Know-Want-Learn Strategies and Students' Learning Outcomes in Basic Science in Oyo State, Nigeria

(Grace Taiwo Babalola, 2018)

11. Evaluation of The Undergraduate Chemistry Education Programme in Universities in Rivers State, Nigeria(Mathew Christian, 2018)

(d) Other Academic Experience

- i. External Examiner, Obafemi Awolowo University, Ile-Ife 2010-Date
- ii. External Examiner, National Open University of Nigeria (NOUN) 2011-Date
- iii. Chief Discussant: West African Examination Council Monthly Seminar January 2015
- iv. Visiting Senior Research Fellow: University of Ilorin, Ilorin 2015-2016
- v. External Examiner, University of South Africa (UNISA) 2016
- vi. Member University of Ibadan Research and Development Fair Committee 2017- Date

(d) Administrative Experience at University Level

- i. Coordinator, Student Conversion Examination from M.Phil./Ph.D. to Ph.D. 2001-2006
- ii. Coordinator, M.Ed. In-Service Programme 2005-2013
- iii. Head – School Services Unit 2009-2010
- iv. Sub –Dean (Post-graduate) Sept.2010-July 2013
- v. Deputy Head, International Centre for Educational Evaluation, Institute of Education 2013-Date
- vi. Deputy Head, Research and Publication Unit, Institute of Education 2013-Date
- vii. Member Editorial Board of Journal of the International Society for Teacher Education 2015-Date
- viii. Member Faculty of Education Finance Committee 2012-2014
- ix. Member Faculty of Education Finance Committee 2018-Date
- x. Member University of Ibadan Research and Development Fair Committee 2018-Date
- xi. Head – Outreach Services Unit 2019-Date

IX. Research

Project, Dissertation and Thesis

- (1) OWOLowo, M.M. (1983): Some Aspects of Cyanide Metabolism. A B.Sc. Project submitted to the Department of Chemistry, University of Ife (now Obafemi Awolowo University), Ile-Ife
- (2) OWOLowo, M.M. (1988): Cost Effectiveness and Management of Laboratory. A PGDE Research Report submitted to the Department of Teacher Education/Institute of Education, University of Ibadan, and Ibadan.
- (3) OSOKOYA, M.M. (1991): Intelligence and Academic Performance. A M.Ed Research Dissertation submitted to the International Centre for Educational Evaluation, Institute of Education, University of Ibadan.

- (4) OSOKOYA, M.M. (1998): Some Determinants of Secondary School Students' Academic Achievement in Chemistry in Oyo State. A Ph.D. Thesis submitted to the International Centre for Educational Evaluation University of Ibadan (251 pages).

X. Publications

(a) Books already published

1. Yoloye, E.A, Bolaji O.M, Odejayi, T.A and **Osokoya, M.M.** (2001): *Concise Chemistry for Senior School Certificate*. Heinemann Education Book (Nigeria) PLC.
2. UDEANI, U and **Osokoya, M.M.** (2011): *Teaching and Learning the Natural Sciences (Course 125) e-step: Evans Strategic Teacher Executive Programme Series Editor: Pai Obanya*. Published by Evans Brother (Nigeria Publishers) Limited ISBN: 978-978-50524-3-5

a. (b) Chapters in Books already published

3. Osokoya, M.M. (1999): Students' achievement in Integrated Science as a predictor of achievement in Biology, Chemistry and Physics. In J.O. Obemeta, S.O. Ayodele & M.A. Araromi (Eds.), *Evaluation in Africa*, 183-192. Nigeria: Stirling-Horden Publishers. (ISBN: 978-2063-43-6)
(Nigeria)
4. Osokoya, M.M. (2002): Effective teaching and learning of Science in pre-primary schools. In A. Mansaray, & I.O. Osokoya (Eds.), *Curriculum development at the turn of the century: The Nigerian experience*, 141-158. University of Ibadan: Department of Teacher Education. (ISBN: 978-31062-7-9).
(Nigeria)
5. Osokoya, M.M. (2002): Modern trends in the teaching of Chemistry. In S.O. Ayodele (Ed.), *Teaching strategies for Nigerian secondary school*, 213-229. Ibadan, Nigeria: Powerhouse Press and Publishers. (ISBN: 978-35794-4-4).
(Nigeria)
6. Osokoya, M.M. (2005): Language and Science education: The Nigerian experience. In A. Dada, A. Abimbade, O.O. Kolawole (Eds.), *Issues in language, communication and education*, 399-415. Ibadan, Nigeria: Constellations Books. (ISBN: 978-21206-99-7).
(Nigeria)
7. Osokoya, M.M. & Odinko, M.N. (2005): The practice of continuous assessment in primary schools. In E.A. Emeke & C.V. Abe (Eds.), *Evaluation in theory and practice*, 141-154. Ibadan, Nigeria: Pen Services. (ISBN: 978-34041-7-2).
(Nigeria)
8. Osokoya, M.M. (2009): The Role of Related Literature in a Research Project In *Emergent Issues in Primary Education Studies* Edited by Aniemeke, N.E, Ezeani S.I; Adenigbade O.G, Orenuga O.A and Onabanjo C.F. Goad Educational Publishers. Abeokuta Ogun State Nigeria. Pp.17-25 (ISBN: 978-32911-5-0)

(Nigeria)

9. Osokoya, M.M & Nwazota C.C. (2013): Problem–based and school-type as contributing factors to the senior secondary student’s practical skills in chemistry In A.O.U. Onuka (Ed.), *Learning*, 166-174. Ibadan: Society for the Promotion of Academic and Research Excellence (SPARE). (ISBN: 978-978-50622-7-4)

(Nigeria)

10. Osokoya, M.M (2013): Creative and effective teaching of secondary school chemistry. In M.A. Araromi, O.A Moronkola & J.A Ademokoya (Eds.), *Teaching and evaluation in regular and special secondary schools*, 478-493. Ibadan, Nigeria: Royal People. (ISBN: 978-32296-4-8)

(Nigeria)

11. Osokoya, M.M. & Yoloye, T.W. (2013): Evaluation in science. In O. Olorunnisola, A.O.U. Onuka, O. Babalola, A.I. Alarape, & S.A. Babarinde (Eds.), *Issues in contemporary evaluation*, 97-110. University of Ibadan: Postgraduate School. (ISBN: 978-978-50948-7-9)

(Nigeria)

12. Adegoke, B.A. and **Osokoya, M.M.**(2018: Analysis of Dichotomously Scored Further Mathematics Achievement Test Using Classical Test Theory in Salman, M.F (Ed) *Enhancing Mathematics Education in Nigeria*. A Festschrift in honour of Professor Michael Olubusuyi Fajemidagba. Published by Unilorin Mathematics Education Group. ISBN 976-978-55481-9-8 pp. 224-232.

13. Osokoya, M.M. (2016). Post- Analysis of Observation and Previous Peer-Teaching Experiences in Chemistry In Abimbola, I.O; Olorundare, A.S; Fajemidagba, M.O .; Omosewo, E.O; Onasanya, S.A; Fakomogbon, M.A; and Adedokun-Shittu, N.A (Eds), *Methods of Teaching Science, Basic Technology and Computer Studies* Faculty of Education, University of Ilorin, Ilorin, Nigeria. ISBN: 978-978-954-492-9 pp 228-232 (Nigeria) (Contribution: 100%)

14. Osokoya, M.M. (2016). Historical Evolution of Basic Science Curriculum in the Nigerian Universal Basic Education (1960-2009). In Omolewa, M (Ed) *Discourse on the State of Education In Nigeria*. Laurel Educational Publishers Ltd Ibadan – Nigeria. ISBN 978-3106-9-5 pp 109-118 (Nigeria) (Contribution: 100%).

15. Osokoya, M.M (2017). Teacher and School Environment Factors as Correlates of Students’ Achievement in Senior Secondary School Chemistry in Ondo State In Falaye F.V and Adebile J.A.(Ed) *Issues in Curriculum and Language Education*. Vol. 2, 35-48pp A Book of Readings by the Institute of Education, University of Ibadan (Nigeria)

16. Osokoya M.M and Ojeniyi O.O (2019). Child Sexual Abuse: Need For Sex Education Even for The Pre-schoolers In Lawal, R.A; Ogundare, S.F.; Bello, M.B; Oladele. J.I; Yusuf, I.N; and Adeleye, A (Eds) *Education for Good Citizenship: Historical and Contemporary Perspectives*. A festschrift in honour of Professor Alice Arinlade Jekayinfa. pp365-380. Historical of Education and Social Studies Group, Ilorin, Nigeria.. ISBN:978-978-56857-8-7

- (c) **Articles that have already appeared in Refereed Conference Proceedings:**
Nil
- (d) **Patents:** Nil
- (e) **Articles that have already appeared in learned journals.**
17. Osokoya, M.M. (1997): Determination of the readability of chemistry textbooks used by secondary school students in Oyo state. *Journal of Science Teachers' Association of Nigeria*, Vol. 32, Nos. 1&2, 43-50.
(Nigeria)
 18. Osokoya, M.M. (2003): Pattern of career aspiration among senior secondary school chemistry students. *Journal of Science Teachers' Association of Nigeria* Vol. 38, Nos. 1&2, 16-31.
(Nigeria)
 19. Odinko, M.N. & Osokoya, M.M. (2004): A survey of instructional needs of primary school teachers in Nigeria. *West African Journal of Education*, Vol. 24, No. 1, 11-21.
(Nigeria)
 20. Osokoya, M.M. & Odinko, M.N. (2005): Monologue patterns among primary school teachers in Nigeria. *Education for Today* Vol. 5 No.1, 57-70.
(Nigeria)
 21. Osokoya, M.M. (2005): A factor analytic study of some of the Nigerian science teachers' needs assessment. *Research in Education: An Interdisciplinary International Research Journal*, Vol. 73, 87-98.
(United Kingdom)
 22. Osokoya, M.M. (2005): Science education and national development in Nigeria: Trends and issues. *African Journal of Historical Sciences in Education* Vol. 1 No. 2, 19-31. (Part of evidence of continuation: see publication 24)
(Nigeria)
 23. Osokoya, M.M. & Adekunle, A. (2007): Evaluating the trainability of the enrollees of the Leventis Foundation (Nigeria) agricultural schools programmes. *Australian Journal for Adult Learning* Vol. 47, No. 1, 110-135.
(Australia)
 24. Osokoya, M.M. (2007): Assessment procedure and students' locus of control as determinants of achievement in chemistry *Journal of The International Society for Teacher Education* Vol. 11, No.2, 52-57.
(Canada)
 25. Osokoya, M.M. (2008): What West African Examinations Council and National Examinations Council ordinary level chemistry test. *Research in Education: An Interdisciplinary International Research Journal* Vol. 79, 76-78. (Summary, published as short notice; full paper is published as publication 28).
(United Kingdom)
 26. Osokoya, M.M. and Opataye, J.O. (2009): Action-based testing and test anxiety as determinants of secondary school students' achievement in

electrochemistry. *Journal of Science Teachers' Association of Nigeria*, Vol.44 Nos. 1&2, 42-49.

(Nigeria)

27. **Osokoya, M.M.** and Akuche, E.U. (2009): Effects of three instructional strategies on students' learning outcomes in practical physics. *West African Journal of Education*, Vol. 29, 40-57.

(Nigeria)

28. Osokoya M.M. (2009): An Assessment of the Curriculum of Leventis Foundation (Nigeria) Agricultural Schools (LFNAS) Programme. Sustainable Human Development Review. An International Multidisciplinary Academic Research Journal. Vol. 1, No. 1. March 2009 pp. 95-112.

29. Osokoya, M.M. (2010): What West African Examinations Council (WAEC) and National Examinations Council (NECO) O-level chemistry test. *Journal of Sociology and Education in Africa*, Vol. 9, No. 1, 169-191.

(Uganda)

30. Osokoya, M.M. (2011): Curriculum development and evaluation: Issues, problems and strategies for the improvement of teaching-learning of science in Nigeria. *African Journal of Historical Sciences in Education* Vol. 7 No.1, 238-249.

(Nigeria)

31. **Osokoya M.M.& Faboya F.O.** (2011): Students' perception of examination malpractice in Ignatus Ajuru University of Education Port-Harcourt, Rivers State. *Journal of Sociology and Education in Africa*, Vol. 10, No. 2, 247-267.

(Uganda)

32. Osokoya, M.M. (2011): Science education: An evaluation of teaching effectiveness in Nigerian high schools. *Journal of the Nigerian Academy of Education*, Vol.7 No. 2, 1-18.

(Nigeria)

33. Atinmo, M; Osokoya I.O; Ajayi, S.A; Sarumi, A; Lawal, B.O & **Osokoya, M.M.** (2011): An evaluation of nomadic education programme in Nigeria. *African Journal of Historical Sciences in Education*, Vol.7 No.2,17-21.

(Nigeria)

34. Osokoya M.M. (2012): Age and entry qualification as correlates of students' achievement in chemistry in technical colleges in Ogun State, Nigeria. *Nigerian Journal of Educational Research and Evaluation* Vol. 11, No.1, 45-51.

(Nigeria)

35. Okhaifo V.K., **Osokoya, M.M.& Pepple, T.F.** (2012): Self-concept and home background variables as correlates of students' academic achievement in basic science in junior secondary school in Rivers State. *International Journal of Educational Development* Vol. 3, No.1, 47-54

(Nigeria)

36. Osokoya, M.M. & Akuche, U.E. (2012): Effects of School Location on Students' Learning outcomes in Practical Physics *Ife Psychology IA*. An International Journal of Psychology in Africa Vol. 20, No. 1. Pp 241- 251
37. Osokoya, M.M. (2013): Self-report pattern of the practice of assessment techniques among science teachers in south-west Nigeria. *Journal of Science Teachers' Association of Nigeria* Vol.48, No. 1, 66-78.
(Nigeria)
38. Osokoya, M.M. (2013): Teaching methodology in Basic Science and Technology classes in south-west Nigeria. *Asian Journal of Education and e-Learning* Vol. 1, No. 4, 206 – 214.
(India)
39. Osokoya, M.M. (2013): A Comparative Analysis of What West Africa Examinations Council, National Examinations Council and Joint Admission Matriculation Board Chemistry Tests test *Journal of Educational Research and Evaluation* Vol. 12 Special Edition 2013,83-95.
(Nigeria)
40. **Osokoya, M.M. & Yewande, R.O.** (April 2014): Rethinking conceptual change: Impact of human constructivism instruction on students' construction of chemical equilibrium tasks and chemistry self-efficacy, *Journal of the International Society for Teacher Education*, Vol. 18, No. 1, 2014, April 2014, 67-79.
(Canada)
41. Obaitan G.N, **Osokoya M.M.**, Adegbile J.A. and Folorunso J.O. (2014): Evaluation of Pre-Nigeria Certificate in Education (Pre-NCE) Programme in Colleges of Education in Nigeria *International Journal of Evaluation and Research in Education (IJERE)* Vol. 3, No. 1, March 2014. Pp 19-26. (ISBN: 2252-8822).
(Indonesia)
42. Osokoya M.M. & Adegoke S.P (2014): Impact of Parents' Socio-Economic Background on Students' Achievement in Agricultural Science at the Senior Secondary School Level in Ogbomosho South Local Government, Ogbomosho, Oyo State. *Journal of Education and Practice* ISSN 222-1735 (Paper) ISSN 2222-288X (Online) Vol. 5, No. 37, 2014. www.iiste.org, pp 92-96
43. Adegoke S.P & **Osokoya M.M.** (2014): Socio-Economic Background and Access to Internet as Correlates of Students Achievement in Agricultural Science. *International Journal of Education and Research in Education (IJERE)* Vol. 4, No. 1, March 2015, pp. 16-21, ISSN: 2252-8822. <http://iaesjournal.com/online/index.php/IJERE>
44. Osokoya, M.M. (2015): Career Aspiration of Chemistry Undergraduates in Nigerian Universities: Patterns and Factors. *Nigerian Journal of Clinical and Counselling Psychology* Vol. 22, Issue 2. pp 1-22
(Nigeria)
45. Osokoya M.M. & Junaid I.O 2015: Enrolment and Achievement of Persons with Special Education Needs in Secondary Schools in Science Subject: Facts and Patterns. *British Journal of Education, Society and Behavioural Science*

7(2): 137-149. Article No. BJESBS 2015. (ISBN: 2278-0998). SCIENCE DOMAIN INTERNATIONAL (United Kingdom)

46. Elemure, V.E.&Osokoya M.M.(2015): The role of National Youth Service Corps Service Programme In Graduate Preparation For Employment In South –West Nigeria. *Journal of Educational Research and Development Vol. 2, pp125-133* (Nigeria)
47. Osokoya M.M & Kazeem, R. (2016): Social Media and Learning Style as Correlates of Senior Secondary Students' Chemistry Achievement in Ogun State Nigeria. *Journal of Sociological Research Macrothink Institute* ISSN 1948-5468 Vol. 7, No. 2 pp 1-15.[Online (<http://creativecommons.org/licenses/by/3.0/>)]
48. Etobro, B.A &Osokoya M.M (2017): Effects of Voter Education Programme on Electorates' Knowledge of and Attitude to Voting. *Researchjournali's Journal of Sociology* Vol 5, No 3-pp2-12 April 2017 www.researchjournali.com Exclusive journal Publishing house (India)
49. .Osokoya, M.M; Fapuro, I.O; & Omoregie H.O (2017):Comparative Assessment of University Chemistry Undergraduate Curricula in South-Western Nigeria. *African Journal of Chemical Education* Vol 7, Number 1, January 2017 pp 92-11 (ISSN 2227-5835) (Ethiopia)
50. Osokoya,M.M. (2017). Effects of Three Instructional Strategies on Student's Learning Outcomes In Practical Chemistry In South- West, *Nigeria Journal of Curriculum and Instruction*, Volume10, Number1, 2017 pp 221- 248, Department of Science Education, Faculty of Education, University of Ilorin(Nigeria) (Contribution: 100%)
51. Adedokun-Raheem A.OandOsokoya, M.M. (2017): Student and Teacher Characteristics as Correlates of Chemistry Practical Process Skills and Achievement of Senior Secondary School Students in Ibadan*West African Journal of Education*, Vol. pp 41-53. ISSN:0043-2997
52. Osokoya, M.M. (2017): Academic Programme Evaluation: Basics for Quality Assurance *Evaluation Research* Vol. 2, No. 2 pp 40-62
53. Osokoya, M.M. and Opataye, J.A. (2018): An Analysis of Undergraduate Science Education Programmes of the National Open University of Nigeria (2007-2016) *ASSEREN Journal of Educational Research and Development (AJERD)* Vol 5, July 2018. ISSN 2536-6899 pp 185-201
54. Osokoya M.M; and Nwazota C.C. (2018): Problem-Based and School-Type as Contributory Factors to the Senior Secondary School Students' Practical Skills in Chemistry. *Journal of the International Society for Teacher Education*, Vol. 22, Issue. 1, April 2018, 7-18.

55. Ehigie, R. I; **Osokoya, M. M.**and Ehigie, B.O (2018): Psycho- Demographic Predictors of Job Satisfaction Among Nigerian Teachers. *Journal of Global Research in Education and Social Science*, ISSN No 2454-1834, Vol.10 Issue 3. pp 128-138. International Knowledge Press.

Technical Reports and Monographs:

56. Osokoya M.M. (2015): Comparative Assessment of Practical test in selected O-Level Chemistry Examinations A paper presented at the West African Examination Council(WAEC) monthlyseminar held at WAEC International Office, Lagos on Friday January 30, 2015.Published by Research Department and WAEC International Office, Lagos
(Nigeria)

XII. Major Conferences and Workshops Attended in the past 10 years with Papers Read

- (1) 30th International Conference for Teacher Education (ISfTE) held at Pontificia Universidade Catolica Rio Grande do Sul, Brazil. April 11 – 17 2010.
Papers Presented:
 - i. *Teacher Education and Nigeria’s National Development*
 - ii. *Science Education: An Evaluation of Teaching Effectiveness in Nigerian High Schools.*
- (2) Training Workshop on Empowering Teachers for Maximum Productivity for Staff School, University of Ibadan. Organized by the Institute of Education, University of Ibadan. July 26th – 29th 2010.
Paper presented: Basic Approach to the Teaching of Science in the Primary School
- (3) 31st Annual Conference of International Society for Teacher Education (ISfTE) held at the University of Adger, Kristiansand, Norway. May 16-21, 2011
Paper Presented: Curriculum Development and Evaluation: Issues, Problems and Strategies for the improvement of Teaching – Learning of Science in Nigeria.
- (4) 13th Annual Conference of Nigerian Association of Educational Researchers and Evaluators (NAERE) held at the Conference Centre, Obafemi Awolowo University Ile-Ife. July 11-14, 2011.
Paper Presented: Age and Entry Qualification as Correlates of Students’ Achievement in Chemistry in Technical Colleges in Ogun State, Nigeria
- (5) 32nd Annual Conference of International Society for Teacher Education (ISfTE) held at Royal University of Bhutan Paro College of Education BHUTAN between 21 – 25 May 2012.
Paper Presented: Evaluation of Pre-NCE Programme in Science, Technical and Language Education in Colleges of Education in South-Western Nigeria

- (6) 14th Annual Conference of Nigerian Association of Educational Researchers and Evaluators (NAERE) held at the Conference Centre, University of Nigeria, Nsukka. July 9-13, 2012.

Paper Presented: A Comparative Analysis of What West Africa Examinations Council, National Examinations Council and Joint Admission Matriculation Board Chemistry Tests test

- (7) 33rd Annual Conference of International Society for Teacher Education (ISfTE) held at Lam Woo International Conference Centre, Shaw Campus of Hong Kong Baptist University, Hong Kong on 27-31 May 2013.

Papers Presented:

1. *Rethinking conceptual change: Impact of human constructivism instruction on students' construction of chemical equilibrium tasks and chemistry self-efficacy*
2. *Minimising Cognitive Load in Quantum Mechanics Using Multimedia Instructions*

- (8) 2nd International Conference of Institute of Education held at Faculty of Science Lakeside Large Lecture Theatre University of Ibadan, Ibadan on June 2-5, 2013.

Paper Presented: Students' Perception of Examination Malpractice in Ignatius Ajuru University Of Education Port Harcourt, Rivers State.

- (9) 15th Annual Conference of Nigerian Association of Educational Researchers and Evaluators (NAERE) held at University of Ilorin, Ilorin, Nigeria. July 8-12, 2013.

Paper Presented: Career Aspirations of Chemistry Undergraduates in Nigerian Universities: Patterns and Factors

- (10) Two-Day Workshop on Contemporary Issues in Research and Innovation Management in Africa Organised by the West African Research and Innovation Management Association (WARIMA). In collaboration with the Postgraduate School University of Ibadan 15 – 16 July, 2013; held at University of Ibadan former Distance Learning Building, Awolowo Road, Bodija Ibadan.

Paper presented: No paper presented (present as a participant sponsored by the Post-Graduate school, University of Ibadan)

- (12) 34th International Society for Teacher Education (ISfTE) Annual Conference hosted by Hacettepe University Antalya Turkey; held at IC Hotels Santai-Belek, Antalya – Turkey, April 22-25, 2014.

Papers Presented:

1. *Enrolment and Achievement of Physically Challenged In-School Adolescents in Science Subjects: Facts and Patterns*
 2. *Problem-based and School-type as Contributory Factors to the Senior Secondary Students' Practical Skills in Chemistry (Co-presenter)*
- (13) 35th International Society for Teacher Education (ISfTE) Annual Conference hosted by Montclair State University, New Jersey, United States of America; held at Best Western Fairfield Executive Hotel, New Jersey, 21- 26 June 2015.
- Paper presented:*
- A Comparative Analysis of what West African Examination Council, National Examination Council and Joint Admission on Matriculation Board Chemistry Tests test*
- (14) One-Day Workshop on Effective Teaching of Subject Methodology Courses held on 17th say of December, 2015 at Education Lecture Theatre, University of Ilorin, Ilorin
- Paper Presented: No paper presented, attended as a participant from Department of Science Education, Faculty of Education (A visiting Senior Research Fellow in the Department).*
- (15) 36th Annual International Seminar for Teacher Education hosted by University of South Africa, College of Education. held at of Skukuza Camp Kruger National Park, South Africa on 17-22 April 2016.
- Paper Presented:*
- Effects of Four Instructional Strategies on Students' Learning Outcomes in Practical Chemistry*
- (16) 4th International Conference Organized by Institute of Education, University of Ibadan Held at First Bank Hall, Faculty of Agriculture & Forestry on Monday 20th – Thursday 23rd June, 2016.
- Paper Presented:*
- Comparative Assessment of Chemistry Undergraduate Curriculum in South-Western Nigeria.*
- (17) 30th Annual Conference of American Evaluation Association held at Marriot Marquis Atlanta Georgia, United States of America, October 24-29 2016.
- Paper presented:*
- A Comparative Analysis of Undergraduate Science Education Programmes of University of South Africa (UNISA) and National Open University of Nigeria (NOUN) (2007-2016)*
- (18) 5th International Conference Organized by Institute of Education, University of Ibadan Held at Distance Learning Centre, University of Ibadan Monday 20th – Thursday 23rd Novembers, 2017.

Paper Presented:

1. *Student and Teacher Characteristics as Correlates of Chemistry Practical Process Skills and Achievement of Senior Secondary School Students in Ibadan*
2. *Academic Program Evaluation: Basics for Quality Assurance*

- (19) 38th Annual Seminar of the International Society for Teacher Education (ISfTE) hosted by the Joetsu University of Education, Japan held at Suginosawa Training Center, Myoko, Japan, between 13th and 18th May 2018.

Paper Presented:

Resiliency, Big-Five Personality Traits, Demographic Variables and Job Satisfaction as Correlates of Teaching Behaviour Among Secondary School Teachers in Ibadan Metropolis, Nigeria.

- (20) A 3-Day Workshop on Developing the Next Generation of Researchers organised by the Association of Commonwealth Universities in Collaboration with the University of Ibadan, held at Otunba Subomi Balogun conference centre, U.I Hotels, University of Ibadan; between 2nd and 4th April, 2019.

Paper Presented: No paper presented, attended as a participant, nominated by the Institute of Education to lead a team of five researchers from the Institute of Education, University of Ibadan.

- (21) 39th Annual International Society of Teacher Education (ISfTE) Seminar hosted by the Faculty of Education, Brock University, Ontario, Canada held at Crown Plaza Niagara Falls – Falls view hotel, Canada between 12th and 17th May, 2019

Paper Presented:

Class Size, Teachers' Characteristics, Students' attitude and School Environment as Predictors of Achievements in chemistry in Secondary Schools in Ogun State, Nigeria