

Publications

(a) Books Already Published

1. Adegoke, B. A. (2012): Multivariate Statistical Methods for Behavioural and Social Sciences Research, 2nd Edition. Ibadan: Esthom Graphic Prints, 163 Pages. ISBN: 978-978-8015-23-25 (Nigeria).
- *2. Adegoke, B. A. (2014): Statistical Methods for Behavioural and Social Sciences Research, 3rd Edition. Ibadan: Everlasting Printing Ventures, 228 Pages. ISBN: 978-978-8013-30-3 (Nigeria).

(b) Chapters in Books Already Published

3. Emeke, E. A. and Adegoke, B. A. (2001): The Interaction Effect of Test Response Mode, Students' Numerical Ability, and Gender on Cognitive Achievement in Senior Secondary School Physics. In Awosika Y., Babalola, J. B., Osiki, J. O., Fabunmi, M., and Emunemu, B. O. (Eds.) Topical Issues in Education Ibadan: Codat Publications, Pages 137 - 150. ISBN: 978-196-77-9 (Nigeria)
4. Emeke, E. A. and Adegoke, B. A. (2005): Combating Boys' Dropout Rate in Nigeria: An Evaluation of Strategies that Work. In Emeke, E. A. and Abe, C. V. (Eds.) Evaluation in Theory and Practice Ibadan: Pen Services, Pages 87 – 96. ISBN: 978-978-029-861-6 (Nigeria)
5. Emeke, E. A., and Adegoke, B. A. (2008): Measuring Social Forces in the Classroom by Flanders' Technique. In Boucouvalis, M. and Aderinoye, R. (Eds.) Education for Millenium Development, Ibadan: Spectrum Publishers, Pages 208 – 215. ISBN: 978-978-029-861-6 (Nigeria)
6. Fajemidagba, M. O. and Adegoke, B. A. (2008): Teaching and Learning Mathematics. In Obanya, P. A. I (Ed.). Evans Professional Teacher Education Series: Course 124, Ibadan: Evans Publishers., Pages 1 – 67. ISBN: 978-978-020-600-0 (Nigeria)
- *7. Moronkola, O. A and Adegoke, B. A. (2013): Effective and Creative Teaching, Testing and Evaluation of Secondary School Subjects. In Araromi, M. A., Moronkola, O.A., and Ademokoya, J. A. (Eds.) Teaching and Evaluation in Regular and Special Secondary Schools. Ibadan: Royal People Nigeria, Ltd. Pages 1 – 6. ISBN: 978-32296-4-8 (Nigeria)
8. Adegoke, B. A. (2013). Structural Regression Modelling of Bilingualism and Achievement in Mathematics among Senior Secondary School Students in Nigeria. In Onuka A. O. U (Ed.). Learning. Ibadan, Nigeria: : Society for the Promotion of Academic and Research Excellence, Pages 242 - 256. ISBN: 978-978-52622-7-4 (Nigeria)
- *8. Adegoke, B. A. (2013): Non-cognitive Evaluation Tools. In Olorunnisola, O., Onuka, A. O. U. Onuka, O. Babalola, O., Alarape, A. I., Babarinde, S. A. (Eds.) Issues in Contemporary Evaluation. Ibadan: Sapphire Prints. Pages, 201 – 207 ISBN: 978-978-50948-7-9 (Nigeria)
- *9. Adegoke, B. A. (2014): Public Image of Teaching Profession and Teacher Productivity in Public Primary and Secondary schools in Nigeria. In Onuka A. O. U. (Ed.) Analysing Educational Issues. Ibadan: Society for the Promotion of Academic and Research Excellence, Pages 63-72. ISBN: 978-978-52620-8-7 (Nigeria)

- *10. Amoo, K. O. and Adegoke, B. A. (2015). Improving secondary School Students Achievement in Biological Sciences Using Analogy as Instructional Strategy. In Onuka A. O. U. and M. N. Odinko (Eds.) Educational Counselling and Evaluation, Ibadan: Institute of Education and Initiative for Excellent Research Output, Pages 303 -315. ISBN: 970-52620-8-4 (Nigeria)
- *11. Adegoke, B. A. (2016). Assessment of the comparability of WAEC 2010 and 2011 Physics Objective tests. In Adegoke, B. A., Popoola, O., and Babatunde, E.O. (Eds.) Public Examining in Sub-Saharan Africa: Issues, Challenges and Prospects Volume 1, Abuja: Joint Admissions and Matriculation Board, Nigeria, Pages 27 – 38. (Nigeria) ISBN: 978-978-555-027-2 (Nigeria)
- *12. Adegoke, B. A. (2016). Estimation of Examinees Ability in Physics Essay Test Under Two Polytomous Models. In Adegoke, B. A., Popoola, O., and Babatunde, E.O. (Eds.) Public Examining in Sub-Saharan Africa: Issues, Challenges and Prospects Volume 1, Abuja: Joint Admissions and Matriculation Board, Nigeria, Pages 229 - 240. ISBN: 978-978-555-027-2 (Nigeria)
13. Adegoke, B. A. (April, 2017) Classroom Assessment: A Simple Procedure for Estimating the Reliability of Teacher-Made Mathematics Test. In Falaye, F. V., and Adegbile, J. A. (Eds.) Issues in Curriculum and Language Education. (Nigeria).
13. 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. Ilorin, Nigeria: Unilorin Press, pp. 224 - 232

Articles that have already appeared in Refereed Conference Proceedings

- *13. Adegoke, B. A. (2017). Improving the Quality of Learning Mathematics of Secondary School Students through the use of Teaching-Learning Software Packages in Developing Countries. In the Book of Conference Proceedings on National Sustainable Development Strategy held at Institute of Distance Learning, Kwame Nkrumah University of Science and Technology, Kumasi Ghana, between 5 April and 7 April, 2017. (Ghana)

Patents: Nil

Articles that have already appeared in learned journals

14. Adeyoju, C. A., and Adegoke, B. A. (2001): Extrinsic and Intrinsic Factors Influencing Vocational Interest of Science Students in Senior Secondary Schools. Nigeria Journal of Educational Psychology and Sports Ethics, Vol. 3, 74 – 83. (Nigeria)
15. Adegoke, B. A. (2005): Effects of Single-sex and Co-educational Schooling on Students' Cognitive Achievement in Integrated Science. West African Journal of Education, Vol. XXV, pp. 76 – 83. (Nigeria)
16. Emeke, E. A. and Adegoke, B. A. (2005): Prevalence of Smoking Behaviour among Adolescents in Ibadan South East Local Government, Nigeria. International Journal of Emotional Psychology and Sports Ethics. Vol. 7, 56 – 65. (Nigeria)
17. Emeke, E. A. and Adegoke, B. A. (2006): Determinants of Students' Cognitive Achievement in Senior Secondary School Physics: How Important is Test Response Mode? African Journal of Educational Research, Vol. 10, Nos. 1, 25 – 29. (Nigeria)

18. Adegoke, B. A. and Ibode, F. O. (2007): Knowledge of English Language as a Predictor of Students' Learning Outcomes in Secondary School Mathematics. African Journal of Cross Cultural Psychology and Sports Facilitation, Vol. 9, 80 – 84. (Nigeria)
19. Owolabi, J. and Adegoke, B. A. (2007): Impact of Information and Communication Technology on Mathematics Education: A Nigerian experience. ABACUS – The Journal of Mathematical Association of Nigeria, Vol. 32, No. 1, 124 – 132. (Nigeria)
20. Adegoke, B. A. (2007): Patterns of Teacher-Pupils Interaction in the Classroom and Learning Outcomes in Primary Science. West African Journal of Education, Vol. XXVII, 124 – 134. (Nigeria)
21. Adegoke, B. A and Owolabi, J. (2007): Effect of Mathematics Pre-service Teachers Institution, Course of Study, and Age on their Attitudes towards Information and Communication Technology. Journal of e-Learning Vol. 6, No. 2, 9 -20. (Nigeria)
22. Adegoke, B. A. (2008): Determining Factors in Secondary School Students' Choice of Physics, African Journal of Educational Studies in Mathematics and Sciences, Vol. 6, 43 – 55. (Ghana)
23. Adegoke, B. A. (2008): Effect of Teacher Classroom Behaviour on Pupils' Learning Outcomes in Primary School Mathematics. Nigerian Journal of Applied Psychology. Vol. 9, No. 2, 1-17 (Nigeria)
24. Adegoke, B. A. (2008): Impact of Indigenous Language on Students' Learning Outcomes in Secondary School Physics. International Journal of Literacy Education, Vol. 5, No. 1, 165 – 187 (Nigeria)
25. Adegoke, B. A. (2009): Perception of Primary School Teachers about Supervision Exercise in Nigeria Primary Schools. African Journal of Educational Management, Vol. 13, No. 1, 77 – 92. (Nigeria)
26. Adegoke, B. A. (2010): Integrating Animations, Narratives and Textual Information for Improving Physics Learning. Electronic Journal of Research in Educational Psychology. Vol. 8, 725 -748. (Spain)
27. Adegoke, B. A. (2010): Effect of Class Size Reduction Policy on Students' Performance in Junior Secondary School Certificate Examination in Oyo State, Nigeria. Journal of Sociology and Education in Africa Vol. 9, No. 2. 63 – 75 (Uganda)
28. Adegoke, B. A. (2010): Effects of Animation and On-screen Text in Computer- Based Multimedia Instruction on Secondary School Students' Achievement in Quantum Physics. Nigeria Journal of Clinical Counseling Psychology, and Vol.16, No. 1, 101 -123. (Nigeria)
29. Adegoke, B. A. (2010): Effect of Integrative Teaching Approach and Students' Level of Proficiency in English Language on Students' Achievement in Senior Secondary School Mathematics, African Journal of Educational Research, Vol.14, No. 1, 30 - 41. (Nigeria)
30. Adegoke, B.A. (2011): Effect of Indirect Teacher Influence on Dependent-prone Students' Learning Outcomes in Secondary School Mathematics. Electronic Journal of Research in Educational Psychology, Vol. 9, 283 – 308. (Spain)

31. Adegoke, B. A. (2011): Effect of Multimedia Instruction on Senior Secondary School Students' Achievement in Physics European Journal of Educational Studies Vol. 3. No.3, 537 – 550. (Turkey)
32. Adegoke, B. A. (2012): Impact of Interactive Engagement on Reducing the Gender Gap in Quantum Physics Learning Outcomes among Senior Secondary School Students. Physics Education, Vol. 47, No. 4, 462 – 470. (United Kingdom)
- *33. Adegoke, B. A. (2013): A survey of Nigerian Senior Secondary School Students' Interest in Physics. Nigerian Journal of Clinical and Counselling Psychology Vol. 19. No.1, 1- 7. (Nigeria)
- *34. Adegoke, B. A. and Amatari, V. O. (2013). Structural Equation Modelling of Predictors of Pupils' Achievement in Mathematics in Niger Delta, Nigeria. IOSR Journal of Humanities and Social Sciences, Vol. 7, No. 3, 23 -35. (India) (Contribution: 70%)
- *35. Adegoke, B. A. (2013). Modelling the Relationship between Mathematics Reasoning Ability and Mathematics Attainment. Journal of Education and Practice, Vol. 4, No. 17, 54 – 61 (United States of America)
- *36. Adegoke, B. A., and Chukwunyenye, N. (2013). Improving Students' Learning Outcomes in Practical Physics. Which is better? Computer Simulated Experiment or Hands-on Experiment. IOSR Journal of Research & Methods in Education, Vol. 2, No. 6, 18 – 26. (India) (Contribution: 70%)
- *37. Adegoke, B. A. (2013). Structural Regression Modelling of Bilingualism and Achievement in Mathematics among Senior Secondary School Students in Nigeria. European Journal of Educational Studies, Vol. 5, No. 3, 309 – 322 (Turkey)
- *38. Adegoke, B. A. (2013). Comparison of Item Statistics of a Physics Achievement Test Using Classical and Item Response Theory Frameworks. Journal of Education and Practice, Vol. 4, No. 22, 87 -96. (United States of America)
- *39. Adegoke, B. A. (2014): The role of Item Analysis in Detecting and Improving Faulty Physics Objective Test Items. Journal of Education and Practice, Vol. 5, No. 21, 110 – 120. (United States of America)
- *40. Owolabi, J. and Adegoke, B. A. (2014). Multilevel Analysis of Factors Predicting Self-efficacy in Computer Programming. International Journal on Integrating Technology in Education, Vol.3, No.2, 19 – 29. (Greece) (Contribution: 50%)
- *41. Adegoke, B. A. (2014): Effects of Item-Pattern Scoring Method on Senior Secondary School Students' Ability Scores in Physics Achievement Test. West African Journal of Education, Vol. XXIV, pp. 181-190. (Nigeria)
42. Chukwunyenye J. N. and Adegoke, B. A. (2014): Catching Students' Interest in Physics Practical Using Computer Simulated Experiment. West African Journal of Education, Vol. XXIV, pp. 297 309 (Nigeria) (Contribution: 50%)

43. Adegoke, B. A. (2014): Effect of Continuous Assessment on Low-Achieving Secondary School Students' Performance in Physics and Study Habit. African Journal of Educational Research, Vol. 18, pp. 47 – 60. (Nigeria)
44. Adegoke, B. A. (2015). The Big-Fish-Little-Pond-Effect on Mathematics Self-concept of Junior School Students in Academically Selective and Non-selective Schools. Journal of Studies in Education, Vol. 5, No. 2, pp. 91-105. (United States of America)
45. Adegoke, B. A. (2015). An assessment of the Role of Basic Science Education in Poverty Reduction in the sub-Saharan Africa: Nigeria as a case study. International Journal of Humanities and Social Sciences Vol. 5, No.8, pp. 15-20 (India)
46. Adegoke, B. A., and Bichi, A. A. (2015). Application of Classical Test Theory to Analysis of Dichotomously Scored Chemistry Achievement Test. Nigeria Journal of Applied Psychology. Vol. 21. (Nigeria)
47. Adegoke, B. A. and Mefun, F. E. (2016). Assessment of Availability and Adequacy of Human and Material Resources for the Implementation of the Nigeria New Senior Secondary School Mathematics Curriculum. International Journal of Learning, Teaching, and Educational Research, Vol. 15, No. 3, pp. 103 – 117 (Republic of Bolivarian)
48. Adegoke, B. A. and Ajadi, T. A. (2016). Structural Modeling of Teacher Characteristics, Skills In teaching, and Students Achievement in Secondary School Physics. Journal of Studies in Education, Vol. 6, No. 2, pp. 81 - 94. (United States of America)
49. Adegoke, B. A. (2016). Teachers' Perception of Principals' Supervisory Role and Quality Assurance in Secondary School Science Education Programme. African Journal of Educational Management, Vol.17, No.1, pp. 1 -20. (Nigeria)
50. Adegoke, B. A. (2016). Differential Item Functioning and Gender Differences in Secondary School Students' Performance in Physics Objective Test. Nigeria Journal of Clinical and Counselling Psychology Vol. 23, No. 1, 11 – 30. (Nigeria)
51. Adegoke, B. A. and Nweneka, V. C. (2016). Assessment of Child-Friendliness of Public Primary Schools and Pupils' Achievement in Mathematics in Rivers State, Nigeria. IOSR Journal of Research and Method in Education, Vol. 6, No.4, pp. 55-58. (India)
52. Adegoke, B. A. (2017). Survey of Laboratory Activities in Senior Secondary School Physics in Nigeria. British Journal of Education, Society and Behavioural Science. Vol. 19, No. 3, pp. 1-10 (United Kingdom)
53. Adegoke, B. A. (2017). Effect of Explicit Problem Solving Instruction on Secondary School Students' Achievement in Physics. International Journal of Scientific Research in Education. Vol. 10, No. 1, pp.87 – 101. (Nigeria)
54. Adegoke, B. A. (2017). Effects of High-Stakes Examinations on the Teaching and Learning of Physics in Secondary Schools in Nigeria. International Journal of Scientific Research in Education. Vol.10, No. 3, 228 – 242. (Nigeria)

56. Adegoke, B. A., and Metibemu, M. A. (2017). Assessment of Differential Functioning and Level of Bias of Physics Achievement Test Items among Secondary School Students. *ASSERREN Journal of Research and Development*. Vol. 4 (Nigeria)
57. Adegoke, B. A. and Metibemu, M. A. (2017). Relationship between Item Difficulty and Discrimination Parameters in the Classical Test Model and the Two-parameter Logistic Model. *Nigeria Journal of Applied Psychology*. Vol. 17, pp. 23 – 35
58. Adegoke, B. A. (2017). Effectiveness Of Computer Simulated Experiments In Enhancing Performance In Calorimetry Among Secondary School Science Students. *The Journal of Positive Psychology and Counselling*, Vol. 1. No.1, pp. 77 – 89
59. Adegbuyi, Y. and Adegoke, B. A. (2017). Construction of Mathematics Engagement Scale for Senior Secondary School Students in Ekiti State, Nigeria using Exploratory Factor Analysis and Parallel Analysis. *Evaluation Research*. Vol. 2, No. 2, 22 - 39
60. Ogunyomi, K. O. and Adegoke, B. A. (2019). Development and Trial testing of Software package for Teaching Circle Geometry in Senior Secondary School. *African Journal of Theory and Practice of Educational Research*, Vol. 6, 143 – 152.

Technical Reports and Monographs

61. Ojerinde, Dibu, Okpala, P. N., Isiugo – Abanihe, I. M., Nweke, A. Falaye, F.V., Adewale J.G., Okwilagwe, E. A., Onuka, A. U., Adegoke, B. A., Onwuakpa, W. F., and Rosanwo, A. (2006). National Assessment of Educational Performance: Assessment of Learning Achievement of Secondary School Students in Nigeria. National Report, National Examination Council in Collaboration with the Institute of Education, University of Ibadan, Nigeria, 100 Pages. (Nigeria)
62. Araromi, M., Emeke, E. A., Yoloye, T. M., Isiugho-Abanihe, Falaye, V. F., Adewale, J. G., Adegoke, B.A., and Aleburu, J. (2009). Baseline Study on Technical Education in Nigeria – Final Report of the ADB-Assisted Skills Training and Vocational Education Project, 156 Pages (Nigeria)