

FEDERAL UNIVERSITY OF AGRICULTURE, ABEOKUTA

DEPARTMENT OF MATHEMATICS

CURRICULUM VITAE OF DR AKINLEYE, S. A

01. PERSONAL DATA

- i. Name in Full: AKINLEYE, Simeon Ayoola
- ii. Date & Place of Birth: 23rd November, 1962. Oke- Odan
- iii. Sex: Male
- iv. Marital Status: Married with Four Children
- v. Nationality: Nigerian
- vi. Town and State of Origin: Oke - Odan, Ogun State.
- vii. Contact Address: Department of Mathematics, Federal University of Agriculture, Abeokuta.
- viii. Phone Number: +234 703 870 9044, +234 802 519 9623
- ix. E - mail Address: akinleye_sa@yahoo.com
akinleyesa@funaab.edu.ng
- x. Present Post and Salary: Senior Lecturer (CONUASS 5/5)

02. EDUCATIONAL BACKGROUND

i. EDUCATIONAL INSTITUTIONS ATTENDED

- a. University of Maiduguri, Maiduguri, Nigeria - 1981 - 1983
- b. University of Maiduguri, Maiduguri, Nigeria - 1986 - 1989
- c. University of Ibadan, Ibadan, Nigeria - 1991 – 1994
- d. Bible College, Redeemed Christian of Church God, Lagos - 1997 - 1998
- e. Federal University of Agriculture, Abeokuta, Nigeria - 1998 - 2004

ii. ACADEMIC PROFESSIONAL QUALIFICATIONS

- a. West African School Certificate - 1977
- b. Dip. (Ed.) Mathematics Education - 1983
- c. B. Sc.(Hons.) Mathematics - 1989
- d. M. Sc. Mathematics - 1995

- e. PGD Theology - 1998
- f. PGD Computer Science - 2000
- g. PhD Mathematics - 2005

iii. PRIZES, HONOURS, SCHOLARSHIPS, NATIONAL AND INTERNATIONAL RECOGNITION

- a. Award of Distinguished Achievements in Neutrosophics given by Neutrosophic Science International Association, University of New Mexico, U.S.A, March 21st 2016.
- b. Federal Government Postgraduate Scholarship, given by the Federal Ministry of Education, Abuja, Nigeria January, 1991
- c. President, Ogun State Students Union, University of Maiduguri 1988 - 1989
- d. Commendation as The Best Student in Mathematics, 1987/88 Session, by the H.O.D (Prof. M. Bala), University of Maiduguri Nov., 1988
- e. President, National Association of Mathematics And Statistics Students of Nigeria, University of Maiduguri, Maiduguri 1987 – 1988

03. WORK EXPERIENCE IN THE UNIVERSITY SYSTEM

i. University Teaching Experience at Federal University of Agriculture, Abeokuta

- a. Senior Lecturer: 1st October, 2016 - till date
- b. Lecturer I 1st October 2004 - 30th September, 2016
- c. Lecturer II 1st October 2000 – 30th September 2004.
- d. Assistant Lecturer December 1997 – 1st October 2000.

ii. Previous University Teaching Experience at Ogun State University, Ago - Iwoye

- a. Assistant Lecturer 15th February 1995 – 1st December 1997
- b. Graduate Assistant 15th March 1991 – 14th February 1995.

iii. Courses Taught at Undergraduate And Postgraduate Levels

1. Algebra (MTS 101)
2. Calculus And Trigonometry (MTS 102)
3. Mathematical Foundation (MTS 201)
4. Vectors And Geometry (MTS 103)
5. Mechanics (MTS 104)
6. Abstract Algebra (MTS 211)

7. Linear Algebra 1(MTS 213) and Linear Algebra 2 (MTS 214)
8. Ordinary differential Equations (MTS 232)
9. Mathematical Methods 1 (MTS 242) and Mathematical method 2 (MTS 342)
10. Groups and Rings (MTS 311)
11. Complex Analysis 1 (MTS 321) and Complex Analysis 2 (MTS 421)
12. Introduction to Operation Research (MTS 363)
13. Theory Of Modules (MTS 314)
14. Vectors Analysis (MTS 322)
15. Mathematical Modelling (MTS 354)
16. Metric Spaces (MTS 362)
17. Advanced Algebra 1 (MTS 411) and Advanced Algebra 2 (MTS 412)
18. Modelling and Simulation (CSC 421)
19. Advanced Operation Research (CSC 705)
20. Group Theory (MTS 803)
21. Commutative Algebra (MTS 817)

iv. Administrative/Professional Experience

- a) College Representative at COBFAS , Fed. University of Agriculture, Abeokuta. 2020 – Date.
- b) Head, Department of Mathematics, Fed. University of Agric.,Abeokuta 2018 - 2020
- c) Member of Senate, Federal University of Agriculture, Abeokuta 2018 – 2020
- d) Member, Board of Post Graduate School, Fed. University of Agriculture, Abeokuta 2018 –2020
- e) Member, Business Committee, Board of Post Graduate School, Federal University of Agriculture, Abeokuta 2018 – 2020
- f) College Representative, Board of College of Veterinary Medicine 2015 –2019
- g) Member, Board of Studies, College of Physical Sciences, Federal University Of Agriculture, Abeokuta 2018 –2020
- h) Staff Adviser, National Association Mathematics Students (NAMSN) 2014 - 2017
- i) Chairman, Finance Committee, Department of Mathematics, COLPHYS 2014 - 2015
- j) The Coordinator, Foundation Science Programme, Centre for Human Resources (CENHURD), Federal University of Agriculture, Abeokuta. 2007 - 2010
- k) Asst. Coordinator, (Mathematical Sciences), Pre - Degree and DICEP Programmes, Centre for Human Resources (CENHURD), Federal University of Agriculture, Abeokuta. 2004 - 2006
- l) Departmental Representative, College Board of Studies, COLNAS 2005 – 2007
- m) Member, Curriculum Committee, College of Natural Sciences, Federal University of Agriculture, Abeokuta 2003 - 2004
- n) Chairman, Curriculum Committee, Department of Mathematical

- Sciences, FUNAAB 2004 - 2007
- o) Seminar Coordinator, Department of Mathematics, COLNAS 2005 – 2007

04. SPECIAL ASSIGNMENT/COMMUNITY SERVICE

- a. Reviewer, Iranian Journal of Fuzzy Systems(IJFS) 2019 - Date
- b. Assessor/Examiner, ICAN Examination on Information Technology, Institute of Chartered Accountant of Nigeria, Lagos, Nigeria 1999 – 2015
- c. Parish Pastor, Redeemed Christian Church of God, Glorious Assembly, Kofesu Village, Alabata Road, Abeokuta, Nigeria 2001 - 2006
- d. Parish Pastor, Redeemed Christian Church of God, Shalom Parish, Oke – Yeke, Abeokuta, Nigeria 2006 – 2007
- e. Parish Pastor, Redeemed Christian Church of God, Glorious Assembly, Kofesu Village, Alabata Road, Abeokuta, Nigeria 2007 – 2011
- f. Pastor, Redeemed Christian Church of God, Word Model Assembly, Abiola Moshood Abiola Way, Abeokuta, Nigeria. 2011 – 2016
- g. Area Pastor, Redeemed Christian Church of God, Living Praise Area, Kotopo, Abeokuta 2018 - Date
- h. Supervisor, Joint Admission Matriculation Board (JAMB) 2006 – 2007

05. TRAINING PROGRAMME ATTENDED (with date)

- a. Academic Retreat on University Ethics, Pedagogy and Examination Matters. Federal University of Agriculture. 21 – 23 June 2021.
- b. FUNAAB TETFUND ICDL TRAINING, Fed. University of Agriculture Abeokuta. 15th March - 4th April, 2021.
- c. Training Workshop On Processing of Examination Results, Senate Co-ordinating Committee On Examination Results (SECOCER) Federal university of Agriculture, Abeokuta. 3rd October, 2019.
- d. A Day Seminar on Relaxation And Agro-Allied Investment: Key To Secure Future, Federal University of Agriculture, Abeokuta, Nigeria. 27th February, 2019
- e. A Day Seminar on Healthy And Wealthy Living, Federal University of Agriculture, Abeokuta, Nigeria. 14th February, 2018.
- f. Seminar on Identifying And Solving Research Problems In Mathematics, Department of Mathematics, University of Agriculture, Abeokuta, Nigeria. 10th January, 2008.
- g. Resource Person, 2nd Nigerian Olympiad Coaching for IMO 2007 Vietnam & PAMO 2007, Nigeria, National Mathematical Centre, Abuja, February 2007.
- h. Resource Person, 4th Symposium on Training and Research, Pan African Mathematics Olympiad, African Mathematics Union, 5 - 10 April 2005, Federal University of Agriculture, Abeokuta.

- i. International Workshop on Algebra, Federal University of Agriculture, Abeokuta, 1 - 7th December, 2002.
- j. Foundation Postgraduate Course in Algebra, National Mathematical Centre Abuja, July 14th - August 4th 2000.
- k. Foundation Postgraduate Course in Optimization and Computational Mathematics, National Mathematical Centre Abuja, February 1992.

06. COMMENDATION

- a. Award of Distinguished Achievements in Neutrosophics given by Neutrosophic Science International Association, University of New Mexico, U.S.A, March 21st 2016.
- b. Commendation as The Best Student in Mathematics, 1987/88 Session by the H.O.D. of Mathematics (Prof. M. Bala) University of Maiduguri, Maiduguri, Nigeria. Nov., 1988

07. MEMBERSHIP OF PROFESSIONAL BODIES

- i. Member, Nigerian Mathematical Society.
- ii. Member, African Mathematical
- iii. Member, Nigerian Association of Mathematical Physics.

08. RESEARCH INTEREST OR COMMISSIONED PROJECTS

My area of Research is in Algebra with current research interest in:

- a. Non-associative Algebras and Their Applications.
- b. Neutrosophic Algebras and Hyper-structures
- c. Neutrosophic Decision Making And Applications

09. PUBLICATIONS

(i) Theses / Dissertations

- 1. A Systematic approach to Ring Theory and Its Significance - B. Sc. Project 1989
- 2. Conjugate Gradients Method of Non - Linear Optimization - M. Sc. Thesis 1994
- 3. Modelling Issues on Local Area Networks - PGD Project 2000
- 4. A study of Bol Algebras of Quaternion type , PhD. Thesis 2004

(ii) **Journal Articles in Print**

1. **S. A. Akinleye** and A. R. T. Solarin (1999): On Production Planning Problems with Non - Linear Cost Function, *Zbornik Radova - Collection of Scientific Papers of the Faculty of Science* **21**, 63 - 73 . Published by University of Kragujevac, Serbia.
2. A.R.T. Solarin, J. O Adeniran , and **S .A Akinleye**, (1999): A further Generalisation of the Akitvis Identities, *International Journal of Mathematical Sciences Vol. 1; 101 - 107*. Published by Department of Mathematical Science, Federal University of Agriculture Abeokuta. Nigeria.
3. Adeniran, J.O and **Akinleye, S. A** (2001): On some Loops satisfying the Generalised Bol Identity. *Nigerian Journal of Sciences*. vol. 35 No 2, 163 – 166 Published by Science Association of Nigeria. Nigeria.
4. **Akinleye S.A** and Solarin A.R.T,(2003): Algebra of Bol Loops and the Lie Identities . *Proc. Of African Mathematical Union, AMU - ICMS*, 267 - 280. A.R.T Solarin and A.U. Afuwape (Editors). Published by African Mathematical Union. Nigeria.
5. Agboola A. A. A., Adeleke E. O. and **Akinleye S. A.** (2012) Neutrosophic Rings II *International Journal of Mathematical Combinatorics* Vol. 2, 1 - 8 ISSN 1937 - 1055 Published by The Madis of Chinese Academy Of Sciences. China.
6. E. Iiojide, T. G. Jaiyeola and **S. A. Akinleye** (2012) On The Right, Left And Middle Linear- Bivariate Polynomials Of A Linear– Bivariate Polynomial That Generates A Quasigroup Over The Ring Z_m . *Journal of the Nigerian Mathematical Society* Vol 31, 107 - 118. Published by Nigerian Mathematical Society. Nigeria.
7. A. A. A. Agboola **and S. A. Akinleye** (2014) Neutrosophic Hypercompositional Structures Defined by Binary Relations. *Neutrosophic Sets and Systems* Vol.3, 31 – 38. Published by University of New Mexico. U.S.A.
8. A. A. A. Agboola and **S. A. Akinleye** (2014) Neutrosophic Vector Spaces. *Neutrosophic Sets and Systems* Vol 4, 9 – 18. Published by University of New Mexico. U.S.A.
9. A. O. Isere, **S. A. Akinleye** and J. O. Adeniran (2014) On Osborn Loops of order $4N$. *Acta Universitatis Apulensis* No 37, 31 – 44 ISSN 1582 – 5329, Published by University of Alba Iulia, Romania.
10. I. A. Osinuga, and **S. A. Akinleye** (2015) Further Results On Some Properties of Special Metrics in Location Optimization Problems. *Journal of Nigerian Association of Mathematical Physics*, Vol 29, 11 – 20 Published by Nigerian Association of Mathematical Physics. Nigeria.

11. I. A. Osinuga, P. S. Stanimirovic, L. A. Kazakovtsev & **S. A. Akinleye** (2015); A Modeling Framework On Distance Predicting Functions For Location Models In Continuous Space *Facta Universitatis(NIS) : Series Mathematics and Informatics* Vol. 30, No 4, 419 - 443. Published by University of Nis, Nis, Serbia Available online at <http://casopini.junis.ni.ac.rs/index.php/FUMathInf/Article/view/1115>
12. A. A .A .Agboola and **S. A. Akinleye** (2015) Neutrosophic Hypervector Spaces (*ROMAI*)- *Journal of Romanian Society of Industrial and Applied Mathematics*, 11(1), 1 - 16. Published by Romanian Society of Industrial and Applied Mathematics. Romania.
13. J. O. Adeniran, **S. A. Akinleye** and T.O. Alakoya.(2015) On the Core and Some Isotopic Characterizations of Generalized Bol Loops. *Transaction Of The Nigerian Association Of Mathematical Physics* Vol. 1, 99 – 104. Published by Nigerian Association of Mathematical Physics. Nigeria.
14. **Akinleye S. A.** (2016) On The Rank Equation For a Class Of Bol Algebras. *Journal Of The Nigerian Association Of Mathematical Physics* Vol 33, 441 – 446. Published by Nigerian Association of Mathematical Physics. Nigeria.
15. **S. A. Akinleye**, F. Smarandache, A. A. A. Agboola (2016) On Neutrosophic Quadruple Algebraic Structures *Neutrosophic Sets and Systems*. Vol 12, 122 – 126. Published by University of New Mexico. U.S.A.
16. **S.A. Akinleye**, E.O. Adeleke, A.A.A. Agboola (2016) Introduction To Neutrosophic Nearrings. *Annals Of Fuzzy Mathematics and Informatics* Vol x Published by FMI Kyungmoon South Korea. <http://www.kyungmoon.com>. (Letter of Acceptance dated 19 March 2016) Available on line at <http://www.afmi.or.kr>
17. M. A. Ibrahim, A.A.A. Agboola, E. O. Adeleke, **S.A. Akinleye**.(2020) “Introduction To Neutrosophic Subtraction Algebra And Neutrosophic Subtraction Semiogroup” , *International Journal of Neutrosophic Science*, vol. 2 No1 pp47-62, American Scientific Publishing Group(ASPG), Gretna, U.S.A.
18. M. A. Ibrahim, A.A.A. Agboola, E. O. Adeleke, **S.A. Akinleye**.(2020) “On Neutrosophic Quadruple Hypervector Spaces(2020)” , *International Journal of Neutrosophic Science*, vol. 4 No1 pp20-35, American Scientific Publishing Group(ASPG), Gretna, U.S.A.
19. A.A.A. Agboola, M. A. Ibrahim, E. O. Adeleke, **S.A. Akinleye**.(2020) “On Refined Neutrosophic Algebraic Hyperstructures 1”, *International Journal of Neutrosophic Science(IJNS)*, vol. 5, No 1 pp29-37, American Scientific Publishing Group(ASPG), Gretna, U.S.A.

20. M. A. Ibrahim, A.A.A. Agboola, E. S. Badmus, **S.A. Akinleye**.(2020) “On Refined Neutrosophic Vector Spaces 1”, International Journal of Neutrosophic Science(IJNS), vol. 7 No 2 pp97-109, American Scientific Publishing Group(ASPG), Gretna, U.S.A.

10. MAJOR CONFERENCES ATTENDED IN RECENT YEARS

- i. 1st International Conference on Developmental Sciences and Technologies, Federal University of Agriculture, Abeokuta, Nigeria. 27th – 30th August 2019.
- i International Mathematics Conference In Honour of Prof. G. O. S. Ekhaguere, Conference Centre, University of Ibadan, Ibadan, 18 – 21 September 2017.
- ii. 32ND Annual Conference of Nigerian Mathematical Society, Obafemi Awolowo University, Ile - Ife, 25 - 28th June 2013.
- iii. 12th Annual Conference of Nigerian Association of Mathematical Physics, Redeemer’s University, Lagos – Ibadan Expressway, 12 - 15 Oct., 2012.
- iv. 29th Annual Conference of The Nigerian Mathematical Society, Lagos State University, Ojoo, Lagos, 20 - 23 July 2010.
- v. International (Mathematics) Conference in Memory of Prof. C.O.A. Sowunmi, Conference Centre, University of Ibadan, Ibadan, 15 January, 2009.
- vi. 44th Annual Conference of Science Association of Nigeria, Conference Centre, university of Ibadan. 22 - 26 March, 2009.
- vii. 3rd International Conference on Science and National Development, University of Agriculture, Abeokuta, 24 - 27 November, 2008.
- viii. 2nd International Conference On Science and National Development, University of Agriculture, Abeokuta. 10 – 13 October, 2006.
- ix. 24th Annual Conference, Nigeria Mathematical Society, Olabisi Onabanjo University, Ago – Iwoye, 12 - 15 April, 2005.
- x. GEONET 3 – The Rencontre International du Resseau de Recherche en Geometric et Application, 25 - 31 July, 2004, University De Dschang, Cameroun.
- xi. 1st International Conference on Science and National Development, University of Agriculture, Abeokuta, 25 – 26 Oct. 2004.
- xii. GIRAGA Centre International De Mathematique Pures Et Appliquees (CIMPA), Universite D’Abomey, Calavi, Republic of Benin, 1 – 10 Dec; 2004.
- xii International Conference of Mathematical Scientists, African Mathematical Union

Abeokuta, Nigeria. 16 – 23rd Nov. 2003.

11. INFORMATION ON MASTERS AND Ph. D THESIS SUPERVISED

- i. On The Core And Isotopy Characterization Of Generalized Bol Loops, Alakoya, Timilehin O. M. Sc. Mathematics (collaborative research).
- ii. Packets Congestion Control In Routers Using a Modified Prim's Algorithm, Gbadebo Adewuyi, M. Sc. Computer Science.(Collaborative Research)
- iii. An Enhanced Neighborhood Based Similarity Search in Large Graph Database. Babatunde Daniel, M. Sc. Computer Science(on-going Collaborative Research)
- iv. A New Improved Priority Based Scheduling Algorithm In Cloud Computing, Olusanya, Olufunso O., Ph.D(on- going Collaborative Research)
- v. On Refined Neutrosophic Algebraic Structures And Their Respective Neutrosophic Hyperstructures, Ibrahim Abiodun Murtala. M Sc. Mathematics (Collaborative Research).

12. EXTRA CURRICULAR ACTIVITIES:

Teaching, Evangelism, and Counselling.

13. REFEREES

A. Prof.A.R.T. Solarin

National Mathematics Centre

Abuja, Nigeria.

B. Prof. A. T. Akinwale, Dean, College of Physical Sciences, Fed. University of Agriculture, Abeokuta.

C. Dr. T.M. Salisu

University Library, Tai Solarin University of Education, Ijebu – Ode .

Signature

Date