

# CURRICULUM VITAE

## 01. PERSONAL

- (i) Name in Full: ADELEKE Emmanuel Oyeyemi
- (ii) Date of Birth: 2<sup>nd</sup> July 1963
- (iii) Place of Birth: Ife-Odan
- (iv) Age: 58 years
- (v) Sex: Male
- (vi) Marital Status: Married
- (vii) Nationality: Nigerian
- (viii) Town and State of Origin: Ife-Odan, Osun
- (ix) Contact Address: Department of Mathematics,  
College of Physical Sciences,  
Federal University of Agriculture,  
Abeokuta, Ogun State, Nigeria.
- (x) Phone Number: +2348-034204772
- (xi) E-mail Address: [yemi376@yahoo.com](mailto:yemi376@yahoo.com)
- (xii) Present Post and Salary: Lecturer I, CONUASS 04 step 09  
(~~₦~~2,698,810.92) per annum
- (xiii) Post on Promotion: Senior Lecturer

## 02. EDUCATIONAL BACKGROUND

### i. Educational institutions attended (with date)

- (a) University of Ibadan, Ibadan 2010 – 2014
- (b) University of Agriculture, Abeokuta 1998 – 2000
- (c) University of Ibadan, Ibadan 1989 – 1991
- (d) University of Jos, Jos 1980 – 1984
- (e) Oranyan Grammar School, Oyo 1973 - 1977

### ii. Academic and Professional Qualifications(With Dates)

- (a) Ph.D (Mathematics), University of Ibadan, Ibadan 2014
- (b) PGD (Computer Science), University of Agriculture, Abeokuta 2000
- (c) M.Sc (Mathematics), University of Ibadan, Ibadan 1991
- (d) B.Sc (Hon's) Mathematics, University of Jos, Jos. (Second class upper division) 1984
- (e) West Africa Examinations Certificate (Division One) 1977

- iii. **Prizes, Honours, Scholarship, National and International Recognition:**  
**Federal Merit Award (Student Scholarship) 1981 - 1984**

**03. WORK EXPERIENCE**

(i) **Previous Work Experience**

- (a) Abubakar Tafawa Balewa University (ATBU), Bauchi. 1992 – 1994  
 (b) St. Andrew’s College of Education 1986 - 1992  
 (c) Federal Government College Port Harcourt (NYSC) 1984 - 1985

(ii) **Federal University of Agriculture, Abeokuta, Ogun state, Nigeria.**

- (a) Lecturer II 1994-2005  
 (b) Lecturer I 2005- date

(iii) **COURSES TAUGHT IN THE LAST THREE (3) SESSIONS**

**COURSES TAUGHT IN 2019/2020**

Course code	Course title	No of Units	No of Students	No of Lecturers
MTS 105	Algebra for Biological Sciences	3	2816	6
MTS 453	Mathematical Modeling I	3	57	1
MTS 106	Calculus for Biological Students	3	2752	6
MTS 392	SIWES	4	6	1
MTS 394	SIWES	4	6	1
MTS 396	SIWES	4	6	1
MTS 398	SIWES	4	6	1
MTS 494	Ent. Studies for Mathematics Students	2	55	5
MTS 497	Seminar I	1	5	1
MTS 498	Seminar II	1	5	1
MTS 499	Project	4	5	1

**COURSES TAUGHT IN 2018/2019**

Course code	Course title	No of Units	No of Students	No of Lecturers
MTS 105	Algebra for Biological Sciences	3	2467	6
MTS 357	Operation Research	3	47	1
MTS 453	Mathematical Modeling	3	55	1

MTS 817	Functional Analysis	3	11	1
MTS 392	SIWES	4	4	1
MTS 394	SIWES	4	4	1
MTS 396	SIWES	4	4	1
MTS 398	SIWES	4	4	1
MTS 497	Seminar I	1	5	1
MTS 498	Seminar II	1	5	1
MTS 499	Project	4	5	1

### **COURSES TAUGHT IN 2017/2018**

Course code	Course title	No of Units	No of Students	No of Lecturers
MTS 105	Algebra for Biological Sciences	3	2430	6
MTS 421	Complex Analysis II	3	57	1
MTS 453	Mathematical Modeling	3	59	1
MTS 494	Entrepreneurship Studies	3	56	6
MTS 102	Calculus and Trigonometry	3	1267	6
MTS 392	SIWES	4	4	1
MTS 394	SIWES	4	4	1
MTS 396	SIWES	4	4	1
MTS 398	SIWES	4	4	1
MTS 497	Seminar I	1	5	1
MTS 498	Seminar II	1	5	1
MTS 499	Project	4	5	1

**(iv) Students Supervision**

- (a) Undergraduate Over hundred (100) B.Sc Projects.  
(b) Post graduate 7 M.Sc./ PhD

**04. SPECIAL ASSIGNMENTS/COMMUNITY SERVICE:**

**(i) Departmental**

- (a) Chairman, Departmental Welfare Committee 2017-till date  
(b) Departmental P.G. Coordinator 2017- 2020  
(c) Member, Departmental Finance Committee 2017-till date  
(d) Departmental Board member 2015-till date

**(ii) College**

- (a) Member College of Physical Sciences Board 2015-till date

- |                                   |   |                 |
|-----------------------------------|---|-----------------|
| (b)                               | COLPHYS representative on COLBIOS COLLEGE BOARD   | 2015– 2020      |
| (c)                               | Member, College Committee on Examinations Results (COCER)                                     | 2016 till date  |
| <b>(iii) Post Graduate School</b> |   |                 |
| (a)                               | Member, Post Graduate School Business Committee (B)   | 2016 till date  |
| (iv)                              | <b>University</b>   | <b>Nil</b>      |
| (v)                               | <b>Community</b>  |                 |
| (a)                               | Secretary, Ife-Odan Development Association, Ibadan Branch                                    | 2019 till Date  |
| (b)                               | Secretary, Amaiyederun (Oloruntumo) Fadama Community Association (FCA), Benbo, Apata, Ibadan. | 2008 till date  |
| (c)                               | Parish Pastor, Christ Life Church (CLC), No 1, Oloruntumo, Benbo, Apata, Ibadan.              | 2000-2002       |
| (d)                               | Zonal Pastor, Owode Zone, CLC, Apata, Ibadan.   | 2002 - 2008     |
| (e)                               | Zonal Pastor, Benbo Zone, CLC, Apata, Ibadan.   | 2008 - 2010     |
| (f)                               | Diocesan Officer (DO), Restoration Diocese, CLC, Benbo, Apata, Ibadan.                        | 2010-2011       |
| (g)                               | Diocesan Mission Director, Oluyole Diocese, CLC, Oluyole, Ibadan.                             | 2011-2014       |
| (h)                               | DO, Apata Area, CLC Apata, Ibadan.  | 2014 – 2020     |
| (i)                               | Pastor, CLC, Bakatari .   | 2020 till Date. |
- (CLC is the church arm of the Sword of the Spirit Ministries, Ibadan)

**05. TRAINING PROGRAMMES ATTENDED:**

- (i). Special Training Workshop on Survey Process Design; Organized by the Royal Statistical Society Nigeria Local Group in collaboration with Department of Statistics FUNAAB, Nigerian Statistical Association Ogun State Chapter and International Association of Survey Statisticians, Abeokuta, Nigeria 16<sup>th</sup> Jan. 2019.
- (ii). First International Conference on Developmental Sciences and Technologies, Organized by College of Physical Sciences, FUNAAB, Abeokuta, Nigeria. 27<sup>th</sup> – 30<sup>th</sup> Aug. 2019
- (iii). First International Conference of Royal Statistical Society Nigeria Local Group, Abeokuta, Nigeria. 5<sup>th</sup> – 6<sup>th</sup> Feb. 2020
- (iv) Sponsored Workshop (2020 MARDIA PRIZE) to Support COVID-19 Response

in Nigeria (The Impacts of COVID-19 on Economies, Food Systems and Poverty)  
held at FUNAAB, Abeokuta 5<sup>th</sup> May 2021

- (v) A 3 – Day Academic Retreat on University Ethics, Pedagogy and Examination  
Matters, held at FUNAAB, Abeokuta, 21<sup>st</sup> – 23<sup>rd</sup> June 2021

**06. COMMENDATION:**

**Singular Award By Federal Government College (NYSC) 1985**

**07. MEMBERSHIP OF PROFESSIONAL BODIES:**

- (i) Nigerian mathematical Society (NMS)  
(ii). Mathematical Association of Nigeria (MAN)  
(iii.) Science Association of Nigeria (SAN)  
(iv). Royal Statistical Society of London (RSS) No: 138010.

**08. RESEARCH INTEREST OR COMMISSIONED PROJECTS:**

(i). **Completed:**

1. Markovian Analysis of Covid-19 Dynamics.

(ii) **In Progress:**

- 1 Analysis of Brandchoice System: A Markov Chain Approach.  
2 A Random Walk Approach to Brandchoice System

**09. PUBLICATIONS**

(i) **Thesis and Dissertation**

- (1) **Adeleke E. O.** (2014): Generalisation and Refinements of Hardy – Type  
Inequalities for non-negative Functions bounded by Convex Functions.  
Ph,D, Thesis, University of Ibadan, Ibadan, Nigeria.  
(2) **Adeleke, E. O.** (2000): Application of Computer to Latin Square  
Problems: a case study of Cayley Table. Postgraduate Diploma project,  
University of **Agriculture, Abeokuta, Nigeria.**  
(3) **Adeleke, E. O.** (1991): A Branch-and-Bound Algorithm for Solving a  
Class of Bimatrix Games. M.Sc. Dissertation, University of Ibadan,  
Ibadan, Nigeria

(ii) **Journal Articles in Print:**

- (1) Adeniran J.O, **Adeleke, E. O.**, Agboola A. A. A., Oguntuase J. A. and  
Solarin A.R.T. (2000): On Quadratic Loops of Bol-Moufang Type  
*Kragujevac J. Maths*22: 41– 48.Published by Faculty of Science,  
University of Krakuvejac, Nis .Serbia On line at <http://kgm.pmfakg.ac.rs>  
(Indexed in Scopus, Scimago, EBSCO.)

- (2) Oguntuase, J. A., Talabi O. and **Adeleke E.O.** (2003): ‘‘On Copson’s Type Integral Inequalities’’. *Advanced Studies in Contemporary Maths.* 7: 53 – 60. Published by Jangeon Research Institute for Mathematical Sciences and Physics, **Daegu, South Korea.**  
[www.jangeon.or.kr](http://www.jangeon.or.kr)  
**(Indexed in Scimago, Mathematical Reviews)**
- (3) Oguntuase J.A. and **Adeleke, E. O.** (2005): *On Hardy’s Integral Inequality.* *FACTA Universitatis (Nis) Series Mathematics and Informatics* 20: 9 – 20. Published by Universitatis of Nis, **Serbia.**  
<http://facta.guncs.ni.ac.rs>  
**(Indexed in Scimago, Mathematical Reviews.)**
- \* (4) Agboola A.A.A. and **Adeleke E.O.** (2005): Vague Generalized Groups, *Proceedings of Jangjeon Mathematical Society*, 8(2): 159-174. Published by Jangeon Research Institute for Mathematical Sciences and Physics, **Daegu, South Korea.**  
**(Indexed in Scimago, Mathematical Reviews)**
- \* (5) Agboola A. A. A., **Adeleke E. O.** and Akinleye S. A. (2012): Neutrosophic Rings II. *International Journal of Mathematical Combinatorics* 2: 1-8. Edited by the Madis of Chinese Academy of Science. Published in **China** by **the Madis of Chinese Academy of Science.**
- \* (6) Oguntuase J. A., **Adeleke E. O.** and P. Durojaye (2012): Hardy Type Inequalities for Superquadratic and Subquadratic Functions. *Journal of the Nigerian Mathematical Society* 31: 119-135. Published in Nigeria by the Nigerian Mathematical Society. [www.ojs.ictp.it/jnms](http://www.ojs.ictp.it/jnms)
- \* (7) **Adeleke E.O.**, Cizmesija, A., Oguntuase, J.A., Persson, L.E. and Pokaz, D. (2012): On a New Class of Hardy-Type *Inequalities.* *Journal of Inequalities and Applications* 2012:259. Published by Springer Open Journal, **United Kingdom.**  
<http://www.journalofinequalitiesandapplications.com/content/2012/1/259>.  
**(Indexed in Scimago.)**
- \* (8) Akinleye S.A., **Adeleke E.O.** and Agboola A.A.A. (2016): **Introduction to Neutrosophic Near Rings;** *Annals of Fuzzy Mathematics and Informatics* x: 1- 14. Published by Kyung Moon Sa Co. for Institute for Basic Science, Wonkwang University, **South Korea.**  
[www.afmi.or.kr](http://www.afmi.or.kr)

- \* (9) Obayomi A. A. and **Adeleke E. O.** (2018): A Direct Two-Step Finite Difference Method for the Solution of Some Second Order Ordinary Differential Equations. *Journal of Nigerian Association of Mathematical Physics*. 45: 35 -42. Published in Nigeria by Nigerian Association of Mathematical Physics. [www.enampjournals.org](http://www.enampjournals.org)
- \* (10) **Adeleke E. O.** and Obayomi A. A. (2018): Development and Implementation of a New Simulation Model for the Solution of First Order Differential Equations. *Journal of Nigerian Association of Mathematical Physics*. 45: 27 – 34. Published in Benin City, Nigeria by Nigerian Association of Mathematical Physics. [www.enampjournals.org](http://www.enampjournals.org)
- \* (11) Adio A.K., **Adeleke E.O.**, Bamisile O.O. and Akanbi B.T. (2019): Perturbation Iteration Transform Method for Solving Benjamin-Bona-Mahony Equation. *acta SATECH Journal of Life and Physical Sciences* 11(2): 24-28. Published by Babcock University, Nigeria. [www.actasatech.com](http://www.actasatech.com)
- \* (12) Ibhharalu F. T., Arogundade O. T., **Adeleke E. O.** and Atasié C. (2019): An Enhanced Keylogging Detection System Using Honey-pot Approach. *Journal of Nigerian Association of Mathematical Physics*. 49: 313 – 320. Published in Nigeria by Nigerian Association of Mathematical Physics. [www.enampjournals.org](http://www.enampjournals.org)
- \* (13) Ibrahim M. A., Agboola A. A. A, **Adeleke E. O.** and Akinleye S. A. (2020): Introduction to Neutrosophic Subtraction Algebra and Neutrosophic Subtraction Semigroup. *International Journal of Neutrosophic Sciences* 2(1): 47 - 62. Published by American Scientific Publishing Group USA URL: [americaspg.com/journal](http://americaspg.com/journal)
- \* (14) **Adeleke E. O.**, Agboola A. A. A. And Smarandache F. (2020): Refined Neutrosophic Ring II. *International Journal of Neutrosophic Sciences* 2 (2): 77-81. Published by American Scientific Publishing Group, USA. URL: [americaspg.com/journal](http://americaspg.com/journal)
- \* (15) **Adeleke E. O.**, Agboola A. A. A. and Smarandache F. (2020): Refined Neutrosophic Ring I. *International Journal of Neutrosophic Sciences* 2 (2): 89 -94. Published by American Scientific Publishing Group, USA. URL: [americaspg.com/journal](http://americaspg.com/journal)
- \* (16) Oguntuase J.A., Fabelurin O.O., Persson L.E. and **Adeleke E.O.** (2020): Some New Refinements of Hardy Type Inequalities. *Journal of*

*Mathematical Analysis*. 11 (2): 123 – 131. Published by Ilirias Research Institute, Kosovo.

URL: [www.ILIRIAS.com](http://www.ILIRIAS.com) ISSN:2217-3412. (WOS)

(Indexed by Thomson Reuter.)

\*(17) Egbetade S.A., Olayiwola A.F. and **Adeleke E.O.** (2021): Numerical Solution of a Tuberculosis Mathematical Model by Homotopy Analysis Method. *Journal of Nigerian Association of Mathematical Physics*. 60: 107 – 114. Published in Nigeria by Nigerian Association of Mathematical Physics. [www.enampjournals.org](http://www.enampjournals.org)

\*(18) Egbetade S.A., Olayiwola A.F. and **Adeleke E.O.** (2021): Global Analysis of Disease-Free Equilibrium of a Mathematical Model of Tuberculosis Using Lyapunov Method. *Journal of Nigerian Association of Mathematical Physics*. 60: 103 – 106. Published in Nigeria by Nigerian Association of Mathematical Physics. [www.enampjournals.org](http://www.enampjournals.org)

(ii) **Journal Articles Accepted for Publication:** Nil

(iii) **Book:** Nil

(iv) **Book Article or Chapter** Nil.

(v) **Edited Conference Proceeding:**

(19) Akinsete, A. A. and **Adeleke E.O.** (2002): Random Walks in Two-Dimensional Space. *American Statistical Association, 2000 Proceedings of the Section on Statistics in Sports*: 103 – 107. Published by American Statistical Association, Alexandria, VA22314 [www.amstat.org](http://www.amstat.org)

\*(20) Tijani D.O., Akinwale, A.T., Onashoga S.A. and **Adeleke E.O.** (2017): An auto generated Approach of Stop Words Using Aggregated Analysis. *Proceedings of Nigeria Computer Society, 13<sup>th</sup> International Conference*: 102–118. Published in Nigeria by Nigeria Computer Society.

\* (Publication after last promotion.)

(vi) **Technical Reports:** Nil

## 10. MAJOR CONFERENCES ATTENDED WITH PAPERS READ:

I .Inaugural meeting of Nigerian Women in Mathematics held at the University of Ibadan, Ibadan Nigeria. 2014.

ii. 34th Annual conference of the Nigerian Mathematical Society (NMS). University of Lagos, Akoka, Lagos, Nigeria. 2015.



- iii. Special Training Workshop on Survey Process Design; Organised by the Royal Statistical Society, Nigeria Local Group in collaboration with the Department of Statistics FUNAAB, Nigerian Statistical Association, Ogun State Chapter and International Association of Survey Statisticians. Held in Abeokuta, Nigeria. January 2019
- iv. First International Conference on Developmental Sciences and Technologies. Organised by College of Physical Sciences, FUNAAB, Abeokuta, Nigeria. August 2019.
- v. First International Conference of Royal Statistical Society, Nigeria Local Group, held in Abeokuta, Nigeria. February 2020.

## 11. INFORMATION ON FELLOWSHIP, MASTERS' PROJECTS AND PH.D.

### THESIS SUPERVISED:

Name of Student	Degree In-View	Date/Year of Commencement	Title of Thesis/Dissertation	Completed/On-going	Major/Co-Supervisor]
Ibrahim-Tiamiyu S	M.Sc. Maths	2015	Analysis of Brand Choice System: A Markov Chain Approach	On-going	Major supervisor
Atasie C	M.Sc. Computer	2014	An Enhanced Key logging Detection System Using Honeypot Approach	Completed	Co-Supervisor
Tijani O.D	M.Sc. Computer	2015	An Improved stop words Generator for Yoruba Language	Completed	Co-Supervisor
Ogundimu B. S.	M.ScMaths	2017	Hardy – Type Inequalities on Time Scale Via Convexity	On - going	Co-Supervisor
Efuwape T. O.	M.Sc/Ph.D Computer	2015	Quality of Service in Long Term Evaluation Using Pricing Approach.	On-going	Co-Supervisor
Tinubu C. O.	Ph.D. Computer	2014	A Game Theoretic Approach for Mitigating Distributed Denial of Service (DDoS) Attacks.	On-going	Co-Supervisor
Ogundina O. C.	M.Sc. Stat.	2016	A Modified Discretized Lindley Distribution for Ageing Lifetime Data.	Completed	Co- ..//Supervisor.

**12. EXTRA CURRICULA ACTIVITIES:**

- i. Farming
- ii. Religious Activities

**13. REFEREES**

- i. Prof. J. A. Oguntuase,  
Department of Mathematics,  
Federal University of Agriculture,  
Abeokuta, Nigeria.
- ii. Prof. E. O. Ayoola,  
Department of Mathematics,  
University of Ibadan,  
Ibadan, Nigeria.
- iii. Prof. O. J.. Adeniran,  
Department of Mathematics,  
Federal University of Agriculture,  
Abeokuta, Nigeria.

Signature:.....

Date:.....