

CURRICULUM VITAE

A. PERSONAL DATA

FULL NAME: Isere, Abednego Orobosa

DATE OF BIRTH: 12th December 1972

PLACE OF BIRTH: Umoghun – Nokhua

LGA OF ORIGIN: Orhionmwon

STATE OF ORIGIN: Edo

MARITAL STATUS: Married

NUMBER OF CHILDREN: Three

NATIONALITY: Nigerian

ADDRESS: RESIDENTIAL: 7, Onimawo Avenue Off, Illeh Road, Ebhoakhuala, Ekpoma, Edo State

HOME: 7, Akugbe Lane, Off Igiozee Street, Off Upper Sokponba Road, Benin-City.

CURRENT POSTAL ADDRESS: Department of Mathematics and Statistics, Faculty of Physical Sciences, Ambrose Alli University, Ekpoma, 310001, Edo State.

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PHONE: +2348055862195, +2348130226808

RANK: Professor

B. EDUCATIONAL INSTITUTIONS ATTENDED WITH DATES

PRIMARY EDUCATION	DATE	QUALIFICATION
Ugu Primary School, Umoghun-Nokhua	1977 – 1984	First School Leaving Certificate (HM's letter)
SECONDARY EDUCATION		
Immaculate Conception College, Benin-City	1984 – 1991	Senior School Certificate
Private	1992/1993	Senior School Certificate
Private	1995	Senior School Certificate

UNIVERSITY EDUCATION

Federal University of Agriculture, Abeokuta	2009/2010 – 2012/2013	Doctor of Philosophy (Ph.D) Mathematics (Algebra)
University of Benin, Benin City	2007–2008	Master of Philosophy (M.Phil) Industrial Mathematics
University of Benin, Benin City	2002/03 - 2003/04	Masters of Science (M.Sc.) (Pure Mathematics)
University of Benin, Benin City	1996/97 - 1998/99	Bachelors of Science (B.Sc) Second Class Lower Division (Applied Mathematics)
University of Benin, Benin City	1993/94-1995/96	Diploma with Credit (Mathematics Education)

C. PRESENT POSITION / STATUS: Professor

D. WORK EXPERIENCE: **19 years**

E. EMPLOYMENT WITH DATES AND POSITIONS HELD

(i) **Niger College School III, Benin-city**

DATE	POSITION	JOB DESCRIPTION
1995	Tutor (Mathematics)	Teaching Practice

(ii) **Charles Commercial College, Uzuakoli, Abia State.**

DATE	POSITION	JOB DESCRIPTION
2000/2001	Tutor (Mathematics)	NYSC

(iii) **Ambrose Alli University, Ekpoma**

DATE	POSITION	JOB DESCRIPTION
21 st December, 2006 – 30 th September 2010	Assistant Lecturer	Teaching, Research, community service. 100 – 400 level undergraduate courses, supervision of undergraduate projects
21 st December 2008	Assistant Lecturer	Confirmation of Appointment

1 st October 2010 – 30 th September 2013	Lecturer II	Teaching, Research, community service. 100 – 400 level. undergraduate courses, supervision of undergraduate projects.
2012/2013 – 2013/2014 and 2016/2017	Part-time coordinator	Coordinating part-time B.Sc. activities in the department.
1 st October 2013 – 30 th September 2016	Lecturer I	Teaching, Research, community service. 100 – 400 level undergraduate courses, Master's Degree courses, supervision of both undergraduate and Postgraduate (M.Sc.) Projects and Dissertations.
March 2014	Resource Person (Linear Algebra)	Foundation Programme, NMC, Abuja.
9 th February, 2015 – 6 th March, 2015	Resource Person (Abstract algebra & Linear algebra)	Graduate Foundation Programme, National Mathematical Center (NMC), Sheda, Abuja.
6 th September 2014 – 30 th August 2015	Examination Officer	Assisting HOD in coordinating examination and other sundry matters
September 2015 – August 2016	Examination Officer	Assisting HOD in coordinating examination and other sundry matters
1 st October 2016	Senior Lecturer	Teaching, Research, Community Service. 100 – 400 level Undergraduate Courses, Master's Degree Courses, Supervision of both Undergraduate (B.Sc) and Postgraduate (M.Sc. and Ph.D) Projects, Dissertations and Theses with strong bias in Algebra and Applied Mathematics.
1 st October 2019	Associate Professor	Teaching, Research, Community Service. 100 – 400 level Undergraduate Courses, Master's Degree Courses, Supervision of both Undergraduate (B.Sc) and Postgraduate (M.Sc. and Ph.D) Projects, Dissertations and Theses with strong bias in Algebra and Applied Mathematics.
1 st October 2022	Professor	Teaching, Research, Community

		Service. 100 – 400 level Undergraduate Courses, Master's Degree Courses, Supervision of both Undergraduate (B.Sc) and Postgraduate (M.Sc., M. Phil and Ph.D) Projects, Dissertations and Theses with strong bias in Algebra and Applicable Mathematics.
2015 – 2018	Secretary, Dept PG Board	Taking minutes during the PG Board meeting.
2015 / 2016	Member, FPS malpractice committee	Handling Malpractice Cases in the faculty.
2016 Till date	Member, CBE committee	Handling Computer Based examinations
2016/2017 – 2017/2018	FPS Ceremonial and Faculty Seminar Committee member	Organizing Faculty Seminars, and other ceremonial activities in the Faculty.
2017/2018 (2022 Till Date)	PG Departmental Coordinator	Coordinating PG activities in the Department
2017/2018	PG Proposal committee, FPS	Coordinating PG proposal in the Faculty
September 2018 – 2020	Ag. Head of Department (Mathematics)	Representing the VC and the Dean of FPS at the departmental level
September 2022	Ag. Head of Department (Mathematics)	Representing the VC and the Dean of FPS at the departmental level
2019/2020 2021/2022 Till Date	Chairman FPS Ceremonial/Faculty Seminar Comm.	Coordinating Faculty Seminars and other ceremonial activities in the faculty.
2020/2021	Sabbatical leave	Department of Mathematics, Federal University of Petroleum Resources, Effurun
2021/2022	Chairman, Faculty LMS Comm.	Coordinating LMS activities in the

2021/2022 Till Date	Secretary, FPS Conference Comm.	faculty. Organizing Conference activities in the faculty.
2021/2022	Member: Edo State Committee On Science, Technology and Innovation	Writing workable policy on Science, Technology and Innovation for Edo State Government.
2023/2024	External Examiner	Department of Basic Science, Federal Polytechnic Auchi
2024/2025	External Examiner	Department of Basic Science, Federal Polytechnic Auchi

F. PROFESSIONAL RESPONSIBILITIES/POSITIONS HELD IN OTHER INSTITUTIONS

- (i) Reviewer for Journal of Nigerian Mathematical Society (JNMS).
- (ii) Reviewer for international Journal Notes on Number Theory and Discrete Mathematics.
- (iii) Reviewer for zbMATH; Reviewer ID: 19932.
- (iv) Reviewer for American Mathematical Society (AMS) (ID: 175687)
- (v) External Assessor on behalf of Auchi Polytechnic, Edo State.
- (vi) Associate editor (South South) for “Notices of the Nigerian Mathematical Society.”

G. RESEARCH AND PUBLICATIONS

Foreign Journals

- (i) **A. O. Isere** and T. O. Utoyo (2025), On robust multiplication method for higher even-dimensional rhotrices. Notes on Number Theory and Discrete Mathematics. 31(2), 340-360. *DOI: 10.7546/nntdm.2025.31.2.340-360.*
- (ii) R. F. Akerejola, O.A. Elakhe and **A. O. Isere** (2024), A Non-Standard Finite Difference Discretization scheme Applied to a Malaria Model. African Journal of Mathematics and Statistics, vol. 7 (4), 226-247. *Doi; 10.52589/AJMSS-QRLVVI9E.*
- (iii) **A.O. Isere** and J. U. Ezurike (2024), Constructions and Involutory Properties in Latin Quandles. International Journal of Group Theory, Vol. 13 (1) , 1-15 , **MR4680869 (Reviewed), DOI:10.22108/IJGT.2022.132799.1780.**

- (iv) Elakhe O. A., **Isere A. O.** & Akerejola R. F. (2023). Mathematical Model of Malaria Transmission With Anti-Malaria Herbal Therapy As Control. African Journal of Mathematics and Statistics Studies, Vol. 6(1), 1-16. **DOI:10.52589/AJMSS-1276JR4U.**
- (v) **A. O. Isere**, J.O. Adeniran and T.G. Jaiyeola (2021), Latin quandles and applications to cryptography. Math. Appl. 10 (1), 37-53. **MR4279890 (Reviewed) DOI: 10.13164/ma.2021.04.**
- (vi) **A.O. Isere** (2020), Diagonal function of natural rhotrix, Cogent Mathematics & Statistics, Taylor and Francis Group. Vol. 7 (1), 1788298. **MR4121455 (Reviewed) DOI: <https://doi.org/10.1080/25742558.2020.1788298>.**
- (vii) **A.O. Isere**, J.O. Adeniran and T.G. Jaiyeola (2019), Classification of Osborn loops of order $4n$. Proyecciones Journal of Mathematics. Vol. 38 (1), pp. 31-47. **MR3915239 (Reviewed) 20N05.**
- (viii) **A. O. Isere** (2019), Representation of higher even- dimensional rhotrix. Notes on Number Theory and Discrete Mathematics. 25(1), 206-219. **DOI: 10.7546/nntdm.2019.25.1.206-219.**
- (ix) **A. O. Isere** (2018), Even- dimensional rhotrix. Notes on Number Theory and Discrete Mathematics. 24(2), 125-133. **DOI: 10.7546/nntdm.2018.24.2.125-133**
- (x) **A. O. Isere** (2016), Natural rhotrix. Cogent Mathematics, Taylor & Francis Group. Vol. 3(1), 1-10 1246074. **MR3625393 (Reviewed). DOI: <https://doi.org/10.1080/23311835.2016.1246074>.**
- (xi) **A.O. Isere**, J.O. Adeniran and T.G. Jaiyeola (2015), Holomorphy of Osborn Loops. Analele Universitatii de Vest, Timisoara. Seria Matematica – Informatica. 53(2) 81-98. **MR3489607 (Reviewed) DOI: 10.1515/awutm -2015-0016.**
- (xii) **A.O. Isere**, J.O. Adeniran and T.G. Jaiyeola (2015), Generalized Osborn Loops of Order $4n$. Acta Universitatis Apulensis Maths. Inform. No. 43 pp. 19-31 **MR3403870 (Reviewed) 20N05.**
- (xiii) **A. O. Isere**, S A. Akinleye and J. O. Adeniran (2014), On Osborn Loops of Order $4n$. Acta Universitatis Apulensis. No 37 pp. 31-44. **MR327043 (Reviewed) 20N05**
- (xiv) **Isere, A.O.**, Osemwenkhae, J.E and Okuonghae D. (2014), Optimal control model for the outbreak of cholera in Nigeria. Afr. J. Math. Comput. Sci. Res. Vol. 7(2) pp. 24-30. **DOI: 10.5897/AJMCSR2013.0527.**

National Journals

- (xv) **A. O. Isere** and Okhuonurie (2025), On loops of Vesanen type of small orders. J. Nig. Math. Soc, Vol. 44 (2), 245-259.
- (xvi) O. A. Elakhe, **A. O. Isere** and O. Ohwodiame (2024), Stability Analysis of the Mathematical Model on Lassa Fever with DOTS as a Control Measure. AAU J. Physical and Applied Sciences, Vol. 4 (2), 192-198.
- (xvii) **A. O. Isere** and M. Okhuonurie (2024), Loops of Vesanen Type and Generalizations. AAU J. Physical and Applied Sciences, Vol. 4 (1), 146-155.
- (xviii) **A. O. Isere**, L. A. Ukpebor and J. U. Ezurike (2023), Characterization of Involutory Property Latin Quandles. AAU J. Physical & Applied Sciences, vol. 3 (1), pp. 23-31.
- (xix) T. O. Utoyo, **A. O. Isere** and J. I. Ugbene (2023), A New Multiplication Approach With Applications in Differentiation and Integration, AAU J. Physical & Applied Sciences, vol. 3 (1), pp. 55-67.
- (xx) O. A. Elakhe, **A. O. Isere** and R. F. Akerejola (2023), Stability Analysis On A Mathematical Model With Herbal Medicine As Control, AAU J. Physical & Applied Sciences, vol. 3 (1), pp. 124-131.
- (xxi) F. Ebhohimen, O. A. Elakhe, S. Ehika, **A. O. Isere** and E. V. Aramude (2023), An Inhomogeneous Rational Integrator for the Solution of Ordinary Differential Equations, AAU J. Physical & Applied Sciences, vol. 3 (1), pp. 40-47.
- (xxii) **A.O. Isere**, O.A. Elakhe & C. Ugbolo (2022), On the Construction of Quandles of Order $3n$. J. Nig. Math. Soc., vol. 41(3), 245-260. **MR4534886 (Reviewed)**
- (xxiii) O. A. Elakhe, **A. O. Isere** and F. Ebhohimen (2021), A_0 -Stable Rational Integrator for the Solution of Ordinary Differential Equations. Transactions of the Nigerian Association of Mathematical Physics, vol. 17, 35-40.
- (xxiv) O. A. Elakhe, **A. O. Isere** and F. Ebhohimen (2021), On the convergence and consistence of rational integrator for the solution of ordinary differential equations, Nigerian Journal of Mathematics and Applications, vol. 31, 65-77
- (xxv) **A. O. Isere** (2020), A Quandle of Order $2n$ and the Concept of Quandles Isomorphism. Journal of the Nigerian Mathematical Society (JNMS) Vol. 39(2), pp 155 – 166. **MR4240148 (Reviewed)**
- (xxvi) O.J. Fajoku, O. Ikpotokin, **A.O. Isere** and O.J. Braimah (2019), Time Series Analysis of Income Generated by Nigeria Postal Service in the Era of Information Communication Technology, Bulletin of the Science Association of Nigeria, vol. 30 pp. 233-237.

- (xxvii) M. Okhuonurie. **A.O. Isere** and U.S.U. Aashikpelokhai (2019), Determining the Nilpotency Class of Loops of Small orders. Journal of the Mathematical Association of Nigeria (abacus) vol. 46 (1), pp. 273-280.
- (xxviii) **A. O. Isere** and J.O. Adeniran (2018), The Concept of Rhotrix Quasigroups and Rhotrix Loops. Journal of the Nigerian Mathematical Society (JNMS) Vol. 37(3), pp 139 – 153. *MR3900285 (Reviewed) 15B99, 20N05.*
- (xxix) **A. O. Isere**, O. A. Elakhe and C. Ugbolo (2018), A higher Quandle of order 24 and Its Inner Automorphisms. Journal of Physical & Applied Sciences (JPAS) Vol. 1 (1) pp 100-110.
- (xxx) **A.O. Isere** (2017), A note on classical and non-classical rhotrix. Journal of the Mathematical Association of Nigeria (abacus) vol. 44 (2), pp. 119-124.
- (xxxi) **A. O. Isere**, J.O. Adeniran and A. A .A. Agboola (2016), Representations of finite Osborn Loops. Journal of the Nigerian Mathematical Society (JNMS) Vol.35(2), pp 381 – 389. *MR3622059 (Reviewed) 20N05.*
- (xxxii) J.O. Adeniran and **A. O. Isere** (2012), Nuclear Automorphism of a class of Osborn Loops. Journal of the Nigerian Association of Mathematical Physics. Vol. 22 pp 5 – 8.
- (xxxiii) **A. O. Isere**, J.O. Adeniran and A.R.T. Solarin (2012) Some examples of finite Osborn Loops. Journal of the Nigerian Mathematical Society (JNMS) Vol.31, pp 91 – 106. *MR3025560 (Reviewed) 20N05.*
- (xxxiv) **Isere, A.O.** and Osemwenkhae J.E (2010). VIBRIO CHOLERAEE IN NIGERIA: A Logistic Investigation of Its stability in its Habitat. Journal of Nigerian Annals of Natural Sciences. Vol. 10(1) pp 71 -76.
- (xxxv) **Isere, A.O.** Osemwenkhae J.E and Erimafa J.T. (2009). Investigation of the trend of cholera outbreaks in Nigeria using Exponentially Weighted Moving Average control chart. The Journal of Engineering Science and Applications (JESA), Vol. 6, # 1 & 2, 51 – 58.
- (xxxvi) Ikpotokin, O. Ozezin K.O. and **Isere, A.O.** (2009) Generalized Linear Model; An Analysis of Repeated Measures Data on Birds Weights. Journal of Engineering Science and application (JESA), Vol. 6, # 1 & 2, 10 – 17.
- (xxxvii) **Isere, A.O.** Osemwenkhae J.E and Edokpa I.W. (2009). Detection of cholera outbreaks: A Statistical scheme for its detection. Journal of Nigerian Association of Mathematical Physics, Vol. 14, 171-176.

- (xxxviii) Osemwenkhae, J.E, **Isere A.O** and Okuonghae D.U. (2009). Endemicity of cholera in Nigeria: A Mathematical model to investigate its nature. Journal of Nigerian Association of Mathematical Physics, Vol. 14, 165-170.
- (xxxix) Osemwenkhae J.E. and **Isere, A.O.** (2007) Generalized Biases in Non – Symmetric Univariate Kernels. Journal of The Nigerian Association of Mathematical Physics, Vol. 11 497 – 500.
- (xl) **Isere, A.O.** and Osemwenkhae J.E. (2007) Constructing an Automorphism with Discreet Spectrum. Journal of the Nigerian Association of Mathematical Physics, Vol. 11 491 – 496.
- (xli) **Isere, A.O** and Osemwenkhae J.E (2006) The Analogous Behaviour of a Dynamical System as Measure Space. Journal of Research in Physical Sciences Vol. 2, #3, 60 – 63.

Proceedings/Magazines

- (xlii) **A.O. Isere (2022)**, The Nature of Mathematics. Notices of the Nigerian Mathematical Society, vol. 10 No. 1 pp. 10-11.

Articles Sent / Accepted But Not Yet Published

Nil

On – Going Research Work/Pre

- (i) **A.O. Isere (2022)**, The middle translations of finite involutory latin quandles.
<https://docplayer.net/229271994>. DOI: 10.48550/arXiv.2207.03255.
- (ii) **A. O. Isere (2024)**, A Mathematical Model of the Effects of Strike on Nigerian Universities. arXiv: 2409.02945.2024.

H. TEXTBOOKS PUBLISHED/CONTRIBUTION TO BOOKS WITH PUBLISHERS

- (i) A.R.T. Solarin, J.O. Adeniran, T.G. Jaiyeola, **A. O. Isere** and Y. T. Oyebo (2023). Some Varieties of Loops (Bol-Moufang and Non-Bol-Moufang Types). In: Hounkonnu, M. N. , Mitrovic, M., Abbas, M., Khan, M.(eds). Algebra Without Borders-Classical and Constructive Nonassociative Algebraic Structures. STEAM-H: Science, Technology, Engineering, Agriculture, Mathematics and Health. **Springer Nature**. https://doi.org/10.1007/97-8-3-031-39334-1_3, **MR4696691 (Reviewed)**
- (ii) F. M. Okoro, G.U. Agbeboh, O. A. Elakhe, **A. O. Isere**, A. Okoromi and L. O. Adoghe (2019). Vectors and Coodinate Geometry For Tertiary Institutions. AKlass Publishers.
- (iii) G.U. Agbeboh, C.E. Abhulimen, L. A. Ukpebor, **A. O. Isere (2019)**. Applied Mathematics PON Publishers Ltd.

- (iv) U.S.U. Aashikpelokhai, C.E. Abhulimen, O.A. Elakhe (2019). Introductory Calculus for Undergraduates. Contributor: Chapter Six. PON Publishers Ltd.
- (v) U.S.U. Aashikpelokhai, F. M. Okoro, G. U. Agbeboh, C. E. Abhulimen, O. A. Elakhe, L. A. Ukpebor and **A.O. Isere** (2019). Algebra and Trigonometry For Undergraduate Students. Contributor Chapter One. PON Publishers Ltd.
- (vi) U. S. U. Aashikpelokhai, G. U. Agbeboh, J. E. Uzor, A. O. Elakhe and **A. O. Isere** (2010). A First Course in Linear Algebra and Algebraic Structures. PON Publishers Ltd.

I. DISSERTATIONS/THESES WITH DATE

- (i) **A. O. Isere (2014)**. Construction and Classification of Finite Non-Universal Osborn Loops of Order $4n$. Ph.D thesis, Federal University of Agriculture, Abeokuta. (*Unpublished*).
- (ii) **A. O. Isere (2010)**. Statistical Epidemiology: A Case Study of the Endemicity of Cholera in Nigeria. M.Phil. thesis, University of Benin, Benin City, (*Unpublished*).
- (iii) **A. O. Isere (2005)**. Automorphisms With Discrete Spectrum. M.Sc. Dissertation, University of Benin, Benin City, (*Unpublished*).
- (iv) **A. O. Isere (1999)**. Modules. B.Sc. Project, University of Benin, Benin City, (*Unpublished*).

J. COMPLETED AND DEFENDED POSTGRADUATE SUPERVISION

M.Sc DISSERTATIONS

- (i) Trust Ovokaefe Utoyo (PG/MSc/2020/0862), A Robust Multiplication Method For Higher Even Dimensional Rhotrices. M.Sc Dissertation in Algebra, Federal University of Petroleum Resources Effurun, May, 2023.
- (ii) Julia Ugochi Ezurike (AAU/SPS/FPS/MTH/M.Sc/17/10732), On the Investigation of Various Involutory Property Latin Quandles. M.Sc Dissertation in Algebra, AAU, Ekpoma, April, 2023.
- (iii) Cletus Ugbolo (AAU/SPS/FPS/MTH/M.Sc/16/10148), On the Construction and Classification of Quandles of Order $3n$. M.Sc Dissertation in Algebra, AAU, Ekpoma, January, 2021.
- (iv) John Fajoju Olukunle (AAU/SPS/FPS/MTH/M.Sc/16/10104) (Co-Supervision). M.Sc Dissertation, AAU, Ekpoma, 2019.
- (v) Omorogiuwa Owen (AAU/SPS/FPS/MTH/M.Sc/16/18805), Analysis of Multi-Objective Optimization Techniques Applied to Electric Power Generating System in Nigeria. (Co-Supervision). M.Sc Dissertation in Mathematics, AAU, Ekpoma, 2018.

- (vi) Monday Okhuonurie (AAU/SPS/MTH/M.Sc/13/04621), Determining Nilpotency Class of Some Non-Associative Loops. M.Sc Dissertation in Algebra, Ambrose Alli University, Ekpoma. July, 2017.

K. COMPLETED AND DEFENDED POSTGRADUATE SUPERVISION

Ph. D THESES

- (i) Robert Folorunsho Akerejola (AAU/SPS/FPS/MTH/Ph.D/18/11220)[Co-Supervision]. Mathematical Models For the Control of Malaria Infection in Nigeria. Ph.D Thesis in Mathematics , AAU, Ekpoma. April, 2024.
- (ii) Fidelis Ebhohimen (AAU/SPS/FPS/MTH/Ph.D/16/16632)[Co-Supervision]. Family of A_0 – Stable Rational Integrator for the Solution of Ordinary Differential Equations. Ph.D Thesis in Mathematics, AAU, Ekpoma, October, 2022.

L. ON-GOING POST GRADUATE SUPERVISION

M.Sc/M. Phil.

NIL

Ph.D

- (i) Monday Okhuonurie (AAU/SPS/MTH/M.Sc/13/04621), [Supervision]
- (ii) Julia Ugochi Ezurike (AAU/SPS/FPS/MTH/Ph. D/17/10732). [Supervision]
- (iii) Onoriode Ohwodame (AAU/SPS/FPS/MTH/Ph.D/21/04016)[Co-Supervision].

M. SELECTED UNDERGRADUATE PROJECT SUPERVISION WITH DATE

- (i) Lawal Oluwaseun Ayodeji (FPS/MTH/19/55300), Application of Tensor Analysis in Artificial Intelligence (AI) Via A CCTV Camera. B. Sc Project, Ambrose Alli University, Ekpoma, May, 2024.
- (ii) Ofejiro Agbaduta (FPS/MTH/19/51906), Application of Linear Algebra in Artificial Intelligence (AI). B. Sc Project, Ambrose Alli University, Ekpoma, May, 2024.
- (iii) Nosa Godsent Osaghae (FPS/MTH/19/52081), Application of Differential Equations to Artificial Intelligence. B. Sc Project, Ambrose Alli University, Ekpoma, May, 2024.
- (iv) Atigbi Uyo-Ojo Christabel (FPS/MTH/19/58883), Application of Linear Programming in Profit Maximization (A Case Study of E-BARCS Microfinance Bank, Abuja). B. Sc Project, Ambrose Alli University, Ekpoma, May, 2024.
- (v) Akhigbe John Osigbemhe (FPS/MTH/18/45884), Algebraic Modelling of RNA and COVID-19 Molecular Structures. B.Sc Project, Ambrose Alli University, Ekpoma, July, 2023.

- (vi) Lucky Emmanuel Omon (FPS/MTH/18/43502) Stability Analysis On an Mathematical Model of Mitochondria, B.Sc Project, Ambrose Alli University, Ekpoma, July, 2023.
- (vii) Akinboyo Temitope Oluwanbe (FPS/MTH/18/48640) Dihedral Groups of Small Orders and their Central Properties. B.Sc Project, Ambrose Alli University, Ekpoma, July, 2023.
- (viii) Samuel Osemuahu Ehiremen (FNS/MTH/15/22101), Algebraic Structures and Applications, B.Sc Project, Ambrose Alli University, Ekpoma. December, 2019.
- (ix) Udo Sunday Godwin (FNS/MTH/04/05031), Application of Partial Differential. Equations on Wave and Heat Problems. B.Sc Project, Ambrose Alli University, Ekpoma, December, 2007.
- (x) Oseni Aishat Joy (FNS/MTH/03/05679), Automorphisms in a Hilbert Space. B.Sc Project, Ambrose Alli University, Ekpoma, December, 2007.
- (xi) Okhigbochie, Fabian Ose (FNS/MTH/03/04959), Solving Mathematical Models Using Laplace Transforms. B.Sc Project, Ambrose Alli University, Ekpoma, December, 2007.
- (xii) Edokpiawe Innocent. E. (FNS/MTH/04/05235), The Statistical Study of the Variation of a Population Distribution by Sex and its Effects to the National Economy. B.Sc Project, Ambrose Alli University, Ekpoma, October, 2008.
- (iv) Boroni Jasper Chukwueku (FNS/MTH/07/07075), A Study On The Classification of Finite Groups. B.Sc Project, Ambrose Alli University, Ekpoma. February, 2012.
- (v) Uwamhenye Magnus Jasper (FNS/MTH/07/07277), Statistical Analysis of fertility and Mortality Rate in Edo State –A Case Study of Esan West L.G.A. B.Sc Projects, Ambrose Alli University, Ekpoma. February, 2012.
- (vi) Irete Ehis Peter (FNS/MTH/08/07925), Application of Transportation Models in Cost Distribution. B.Sc Project, Ambrose Alli University, Ekpoma, December, 2012.
- (vii) Okosun Pius Osemen (FNS/MTH/08/07326), On the Study of Business Mathematics. B.Sc Project, Ambrose Alli University, Ekpoma, January, 2013.
- (viii) Ifijeh Olosaigbe Peter (PTP/FNS/MTH/08/00013), Set Theory and Its Applications. B.Sc Project, Ambrose Alli University, Ekpoma, January, 2013.
- (ix) Christian Odede (FNS/MTH/11/01235), Groupoids. B.Sc Projects, Ambrose Alli University, Ekpoma. January, 2015.
- (x) Egbochie Imariagbe (FNS/MTH/12/10610), Investigation of Rhotrix Using Statistical Analysis. B.Sc Project, Ambrose Alli University, Ekpoma. August, 2016.

- (xi) Bamidele Marvellous Mogbo (FNS/MTH/12/10923), Matrix Algebra: An Effective Tool For Statistical Analysis. B.Sc Project, Ambrose Alli University, Ekpoma. September, 2016.
- (xii) Umoize Oseiza Oswald (FNS/MTH/13/12636), Time Series Analysis of Sales of Pure Water in Ambrose Alli University Table Water Unit. B.Sc Project, Ambrose Alli University, Ekpoma. November, 2017.
- (xiii) Lucky Aiyensebhor Iboi (FNS/MTH/14/13561), Determinant of $n \times n$ Matrices. B.Sc Project, Ambrose Alli University, Ekpoma. November, 2018.

N. SELECTED COURSES TAUGHT IN THE UNIVERSITY

- (i) MTH 101: Algebra & Trigonometry
- (ii) MTH 111: Vector & Coordinate Geometry
- (iii) MTH 112: Calculus
- (iv) MTH 113: Introduction to Mechanics
- (v) MTH 201: Mathematical Methods
- (vi) MTH 202: Linear Algebra I
- (vii) MTH 203: Set, Logic & Algebra
- (viii) MTH 204: Real Analysis I
- (ix) MTH 205: Elementary Differential Equations I
- (x) MTH 215: Real Analysis II
- (xi) MTH 301: Abstract Algebra I
- (xii) MTH 302: Metric Space Topology I
- (xiii) MTH 402: Abstract Algebra II
- (xiv) MTH 415: Complex Analysis II
- (xv) MTH 416: Modules

O. SOME CONFERENCES/WORKSHOPS/SEMINARS ATTENDED WITH PAPERS DELIVERED AND DATE

- (i) 2nd National Conference on Physical and Allied Sciences and Exhibition, FPS, Ambrose Alli University, Ekpoma: **April 22-25, 2024.**
- (ii) TETFUND Research for Impact (R4i) Initiative, Innov8 Hub, Abuja: **June 5-16, 2023.**
- (iii) 1st National Conference on Physical and Allied Sciences, FPS, Ambrose Alli University, Ekpoma: **January 16-19, 2023.**
- (iv) 58th Annual National Conference of the Mathematical Association of Nigeria (MAN), Abeokuta, **August 28 to September 2, 2022.**
- (v) 38th Annual Conference of the Nigerian Mathematical Society (NMS), Nsuka: **June 18-21, 2019.**
- (vi) 55th Annual National Conference of the Mathematical Association of Nigeria (MAN), Kwali, Abuja, **August 26-31, 2018.**
- (vii) Fourth Mile High Conference Denver, Colorado, USA: **July 30-August 5, 2017.**
Paper Delivered: **“An overview of rhotrix quasi groups and rhotrix loops”.**
- (viii) International Symposium on Current Research Trends in Mathematical Sciences and Applications Abuja, Nigeria: **17-20 May, 2016.** Paper Delivered: **“Rhotrices with Even Dimension”**
- (ix) Nigerian Mathematical Society Conference, Minna: **May 3-6, 2016.**
Paper Delivered: **“Natural Rhotrix”.**
- (x) Nigerian Mathematical Society Conference, UNILAG: **June 23-26, 2015.**
Paper Delivered: **Classifications of Osborn Loops of Order $4n$.**
- (xi) 33rd Annual Conference of the Nigerian Mathematical Society (NMS), AUST, Abuja: May 27-30, 2014.
- (xii) Third Mile High Conference Denver, Colorado, USA: **August 11-17, 2013.**
Paper Delivered: **“Representations of Finite Osborn Loops”.**
- (xiii) 8th Pan- Africa Congress of Mathematicians, Abuja, Nigeria: **July 1-5, 2013.**
Paper Delivered: **“Osborn Loops of Order 16”.**

P. MEMBERSHIP OF SCIENTIFIC ORGANIZATIONS

Organization	Status
(i) Nigerian Mathematical Society (NMS), Nigeria	Member (2007 till Date)
(ii) Mathematical Association of Nigeria (MAN), Nigeria	Member (2016 till Date)
(iii) American Mathematical Society (AMS), USA	Member (2011 till Date)
(iv) African Mathematical union (AMU), Africa	Member (2013 till Date)

(v) African Academy of Sciences (AAS), Africa

Member (2016 till Date)

Q. EXTRA CURRICULAR ACTIVITIES

- (i) Evangelizing (Preaching of the Goodnews)
- (ii) Watching football

R. PROFESSIONAL REFERENCES/REFEREES

	Name	Address
1.	Prof. O. J. Adeniran	Department of Mathematics College of Physical Sciences Federal University of Agriculture, Abeokuta Phone No.: 08033194406
2.	Prof. J. E. Osemwenkhae	Department of Mathematics Faculty of Physical Sciences University of Benin, Benin City Phone No.: 08037378121
3.	Prof. F. M. Okoro	Mathematics Department Faculty of Physical Sciences Ambrose Alli University, Ekpoma. Phone No.: 08034683821

SIGNED:

ISERE ABEDNEGO OROBOSA, B.Sc., M.Sc., Ph.D