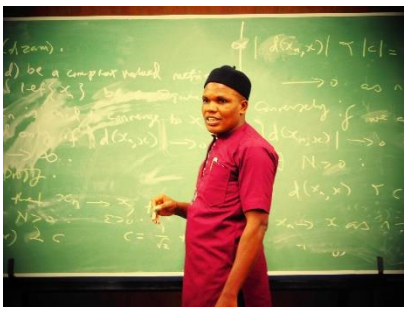
CURRICULUM VITAE



PERSONAL INFORMATION

FULL NAME:	**OKEKE**, Godwin Amechi
DATE OF BIRTH:	5th December, 1980.
PRESENT POSTAL ADDRESS:	Department of Mathematics, School of Physical Sciences, Federal University of Technology, Owerri, P.M.B. 1526, Owerri, Imo State, Nigeria
SEX:	Male.
E-MAIL:	godwin.okeke@futo.edu.ng
PHONE (MOBILE):	+2348060705976
NATIONALITY AT BIRTH:	Nigerian.
MARITAL STATUS:	Married to Mrs. Chinwe Grace Okeke

RESEARCH LINKS

Scopus: Okeke, Godwin Amechi - Author details - Scopus Preview
Google Scholar: **https://scholar.google.com/citations?hl=en&user=bZNvWuQAAAAJ**
ORCID ID: **https://orcid.org/0000-0001-6544-6714**
Researchgate: **https://www.researchgate.net/profile/Godwin-Okeke**
Web of Science: **https://www.webofscience.com/wos/author/record/AAI-2006-2020**

EDUCATIONAL INSTITUTIONS ATTENDED

1988 – 1993	Joint School, Obeagu Oduma, Aninri LGA, Enugu State, Nigeria
1993 – 1997	Kosofe College, Ketu, Lagos State, Nigeria
2001 – 2006	University of Nigeria, Nsukka, Enugu State, Nigeria
2009 – 2010	University of Lagos, Akoka, Yaba, Lagos, Nigeria
2010 – 2014	University of Lagos, Akoka, Yaba, Lagos, Nigeria

ACADEMIC QUALIFICATIONS (WITH DATES)

PSLC	**(Primary School Leaving Certificate),** Joint School, Obeagu Oduma, Aninri LGA, Enugu State, Nigeria (1993)
SSCE	**(Senior Secondary Certificate Examination),** Kosofe College, Ketu, Lagos State, Nigeria (1997)
B.Sc (Hons).	**(Bachelor of Science)** in Mathematics (Second Class Upper), University of Nigeria, Nsukka, Enugu State, Nigeria (2006)
M.Sc	**(Master of Science)** in Mathematics (Pure), University of Lagos, Akoka, Yaba, Lagos, Nigeria (2010)
Ph.D	**(Doctor of Philosophy)** in Mathematics, University of Lagos, Akoka, Yaba, Lagos, Nigeria (2014)
Postdoctoral Fellowship	Abdus Salam School of Mathematical Sciences/ National Center for Mathematics, Government College University, Lahore Pakistan
Host Scientist	Prof. Dr. Mujahid Abbas. 2019 - 2020

RESEARCH INTEREST

Functional Analysis.

SKILLS

Languages

(1) English (Fluent),
(2) Igbo (Native).

Computer Application Experience

Latex, Miktex, Matlab and Microsoft Office.

INTERPERSONAL SKILLS

(1) Ability to work effectively in a team
(2) Ability to work under pressure
(3) Good interpersonal skills
(4) Integrity and honesty
(5) Ability to meet tight reporting schedule
(6) Excellent oral and written communication skills
(7) Self motivated and target-oriented.

HOBBIES

Reading, research, listening to music and teaching.

WORK EXPERIENCE

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(1) **Reader (Associate Professor),** Department of Mathematics, School of Physical Sciences, Federal University of Technology, Owerri, P.M.B. 1526 Owerri, Imo State, Nigeria
Oct. 1, 2021 till date

(2) **Senior Lecturer,** Department of Mathematics, School of Physical Sciences, Federal University of Technology, Owerri, P.M.B. 1526 Owerri, Imo State, Nigeria. Dec. 2017 – Oct. 1, 2021

(3) **Senior Lecturer,** Department of Mathematics, College of Physical and Applied Sciences, Michael Okpara University of Agriculture, Umudike, P.M.B. 7267, Umuahia, Abia State, Nigeria Jan. 2016 - Nov. 2017

(4) **Lecturer I,** Department of Mathematics, Covenant University, Canaan Land Ota, Ogun State, Nigeria. Sept. 2014 - Jan. 2016

(5) **Lecturer II,** Distance Learning Institute (Mathematics Unit), University of Lagos, Akoka, Yaba, Lagos, Nigeria. April 2014 – Sept. 2014

(6) **Assistant Lecturer,** Distance Learning Institute (Mathematics Unit), University of Lagos, Akoka, Lagos, Nigeria. Jan. 2014 - April 2014

(7) **Graduate Fellow**, Department of Mathematics, University of Lagos, Akoka, Lagos. 2011 -2013

(8) **Teaching Assistant**, Department of Mathematics, University of Lagos, Akoka, Lagos, Nigeria Feb. 2010 – June 2010

(9) **Further Mathematics and Mathematics Teacher**, Caleb International College, Magodo, Lagos. 2008 – 2009

(10) **Mathematics Teacher**, Kaduna State Ministry of Education, National Youth Service Corps (NYSC), 2007-2008

(11) **Class Teacher**, Wonderful Lord Nursery and Primary School, Kosofe, Ketu, Lagos State. 1999-2000

TEACHING EXPERIENCE

(1) **Department of Mathematics, School of Physical Sciences, Federal University of Technology, Owerri, P.M.B. 1526 Owerri, Imo State, Nigeria**

Dec. 2017 till date

A. UNDERGRADUATE COURSES TAUGHT

(a) MTH 307 Metric Space Topology
(b) MTH 303 Real Analysis I
(c) MTH 304 Real Analysis II
(d) MTH 403 Topology
(e) MTH 501 Functional Analysis I
(f) MTH 510 Functional Analysis II

B. POSTGRADUATE COURSES TAUGHT

(a) MTH 980 Special Topics in Analysis
(b) MTH 807 Functional Analysis
(c) MTH 907 Functional Analysis

(2) **Department of Mathematics, College of Physical and Applied Sciences, Michael Okpara University of Agriculture, Umudike, P.M.B. 7267, Umuahia, Abia State, Nigeria**

Jan. 2016 - Nov. 2017

A. UNDERGRADUATE COURSES TAUGHT

(a) MTH 111 General Mathematics I
(b) MTH 121 General Mathematics II

(c) MTH 223 Real Analysis I
(d) MTH 214 Linear Algebra I
(e) MTH 224 Linear Algebra II
(f) MTH 322 Complex Analysis II
(g) MTH 325 Metric Space Topology II
(h) MTH 425 General Topology

B. POSTGRADUATE COURSES TAUGHT

(a) MTH 810 Real Analysis
(b) MTH 918 Analysis

(3) **Department of Mathematics, College of Science and Technology, Covenant University, Ota, Ogun State, Nigeria** **Sept. 2014 - Jan. 2016**

A. **UNDERGRADUATE COURSES TAUGHT**

(a) MAT 311 Groups and Rings
(b) MAT 411 General Topology
(c) MAT 417 Functional Analysis
(d) MAT 423 Measure Theory
(e) MAT 211 Real Analysis I
(f) MAT 221 Real Analysis II
(g) MAT 114 Mathematics (IV)

B. POSTGRADUATE COURSES TAUGHT

Department of Mathematics, College of Science and Technology, Covenant University, Ota, Ogun State, Nigeria

(a) MAT 718 Functional Analysis and Applications
(b) MAT 753 Mathematical/Statistical Software

(4) **University of Lagos, Department of Mathematics** **2011 - 2014**

A. COURSES TAUGHT (DISTANCE LEARNING PROGRAM (DLI))

(a) MAT 401--- Functional Analysis I,
(b) DMAT 101 --- Algebra, Coordinate Geometry
(c) MAT 403 --- Group Theory
(d) MAT 404 --- General Topology I
(e) MAT 304 --- Linear Algebra II
(f) MAT 302---Real Analysis III
(g) MAT 213 --- Pure Mathematics I

POSTGRADUATE SUPERVISION

A. COMPLETED POSTGRADUATE SUPERVISION

(1) Dr. Cyril Ifeanyichukwu Ugwuogor, PhD (Mathematics), Department of Mathematics, Federal University of Technology, Owerri, Nigeria (FUTO), February, 2025 Main Supervisor
(2) Dr. Daniel Francis, PhD (Mathematics), Department of Mathematics, Federal University of Technology, Owerri, Nigeria (FUTO), December, 2023 Main Supervisor
NOTE: Dr. Daniel Francis won the Nigerian Mathematical Society (NMS) Best PhD thesis award (2023).
(3) Dr. Agwu Chukwuemeka, PhD (Mathematics), Department of Mathematics, Federal University of Technology, Owerri, Nigeria (FUTO), 2023 Co-supervisor

(4) Dr. Andrew Omame, PhD (Mathematics), Department of Mathematics, Federal University of Technology, Owerri, Nigeria (FUTO), Nov. 2019. Co-supervisor
(5) Dr. Nneka Onyinyechi Iheonu, PhD (Mathematics), Department of Mathematics, Federal University of Technology, Owerri, Nigeria (FUTO), July 2021 Co-supervisor
(6) Mr. Onyeocha Emeka, MSc (Mathematics), Department of Mathematics, Federal University of Technology, Owerri, Nigeria (FUTO), 2021 Co-supervisor

B. ONGOING POSTGRADUATE SUPERVISION

(1) Mr. Panle Augustine Bwan, PhD (Mathematics) (in view), Department of Mathematics, SOPS, Federal University of Technology, Owerri, Imo State, Nigeria Main Supervisor
(2) Mr. Akanimo Victor Udo, PhD (Mathematics) (in view), Department of Mathematics, SOPS, Federal University of Technology, Owerri, Nigeria Main Supervisor
(3) Mrs. Genevieve Ezeamama, PhD (Mathematics) (in view), Department of Mathematics, Federal University of Technology, Owerri, Nigeria Main Supervisor
(4) Mr. Emmanuel Mbah, PhD (Mathematics) (in view), Department of Mathematics, SOPS, FUTO Main Supervisor

RESEARCH EXPERIENCE

Some Selected Publications

(1) **G.A. OKEKE,** A.V. UDO and R.T. ALQAHTANI (2025). An efficient iterative scheme for approximating the fixed point of a function endowed with condition ($B_{\gamma,\mu}$) applied for solving infectious disease models, Mathematics 2025, 13, 562, https://doi.org/10.3390/math13040562
Publisher: MDPI, Switzerland
Website: https://www.mdpi.com/2227-7390/13/4/562/pdf?version=1739007289
Indexed in: Scopus

(2) **G.A. OKEKE**, A.V. UDO and R.T. ALQAHTANI (2025). Novel method for approximating fixed point of generalized α −nonexpansive mappings with applications to dynamics of a HIV model, Mathematics 2025, 13, 550, https://doi.org/10.3390/math13040550
Publisher: MDPI, Switzerland
Website: https://www.mdpi.com/2227-7390/13/4/550/pdf?version=1738942655
Indexed in: Scopus.

(3) **G.A. OKEKE,** C.I. UGWUOGOR. R.T. ALQAHTANI, M. KAPLAN and W.E. AHMED (2025). A novel fixed point iteration process applied in solving the Caputo type fractional differential equations in Banach spaces, International Journal of Modern Physics C, Vol. 36, No. 1 (2025) 2450176 (19 pages), DOI: 10.1142/S0129183124501766.
Publisher: World Scientific Publishing Company
Website: https://www.worldscientific.com/doi/10.1142/S0129183124501766
Indexed in: Scopus, WoS.

(4) I.K. AGWU, D.I. IGBOKWE, **G.A. OKEKE**, H. OLAOLUWA (2024). Existence of fixed point for a new class of enriched pseudocontractive mappings, Journal of the Nigerian Mathematical Society, Vol. 43, Issue 3, 2024, 221-235.
Publisher: Nigerian Mathematical Society
Website: https://ojs.ictp.it/jnms/index.php/jnms/article/view/1079/381
Indexed in: Google Scholar

(5) I.K. AGWU, **G.A. OKEKE**, H.O. OLAOLUWA, J.K. KIM (2024). Halpern's iteration for approximating fixed points of a new class of enriched nonspreding-type mappings in Hilbert

spaces with applications to minimax inequality problem, Nonlinear Functional Analysis and Applications, Vol. 29, No. 3 (2024), pp. 673-710.
Publisher: Kyungnam University Press.
Website: *http://nfaa.kyungnam.ac.kr/journal-nfaa/index.php/NFAA/article/view/1980/1381*
Indexed in: Scopus.

(6) A. OMAME, A.A. RAEZAH, **G.A. OKEKE**, T. AKRAM, A. IQBAL (2024). Assessing the impact of intervention measures in a mathematical model for monkeypox and COVID-19 co-dynamics in a high-risk population, Modeling Earth Systems and Environment, 2024, https://doi.org/10.1007/s40808-024-02132-x
Publisher: Springer.
Website: *https://link.springer.com/article/10.1007/s40808-024-02132-x*
Indexed in: Scopus.

(7) D. FRANCIS, **G.A. OKEKE** and S.H. KHAN (2024). Some common fixed point results of tower mappings in (pseudo)modular metric spaces, *Symmetry* **2024**, *16*(7), 896; https://doi.org/10.3390/sym16070896.
Publisher: MDPI
Website: *https://www.mdpi.com/2073-8994/16/7/896*
Indexed in: Scopus, WoS.

(8) **G.A. OKEKE,** E.H. ANOZIE, A.V. UDO, H. OLAOLUWA (2024). A novel fixed point iteration process applied in solving delay differential equations, Journal of the Nigerian Mathematical Society, 2024, Vol. 43, Issue 2, pp. 115-143.
Publisher: Nigerian Mathematical Society
Website: *https://ojs.ictp.it/jnms/index.php/jnms/article/view/1032/374*
Indexed in: Google Scholar

(9) D. FRANCIS, **G.A. OKEKE** and H.G. HYUN (2024). On fixed point theorems satisfying compatibility property in modular G-metric spaces, Nonlinear Functional Analysis and Applications, Vol. 29, No. 2 (2024), pp. 361-391.
Publisher: Kyungnam University Press.
Website: *http://nfaa.kyungnam.ac.kr/journal-nfaa/index.php/NFAA/article/view/1923/1350*
Indexed in: Scopus.

(10) **G.A. OKEKE,** A.V. UDO, N.H. ALHARTHI and R.T. ALQAHTANI (2024). A new robust iterative scheme applied in solving a fractional diffusion model for oxygen delivery via a capillary of tissues, Mathematics 2024, 12(9), 1339, https://doi.org/10.3390/math12091339
Publisher: MDPI, Basel, Switzerland
Website: *https://www.mdpi.com/2227-7390/12/9/1339/pdf*
Indexed in: Scopus, Web of Science.

(11) D. FRANCIS and **G.A. OKEKE** (2024). Fixed point theorems satisfying rational tower-type mapping in a complete metric spaces, International Journal of Nonlinear Analysis and Applications. In Press (2024), 1-31, http://dx.doi.org/10.22075/ijnaa.2024.31183.4604.
Publisher: Semnan University, Iran
Website: *https://ijnaa.semnan.ac.ir/article_8607.html*
Indexed in: Scimago, Mathematical Reviews

(12) **G.A. OKEKE,** A.V. UDO and Z. RASULOV (2024). A novel Picard-Ishikawa-Green's iterative scheme for solving third-order boundary value problems, Mathematical Methods in the Applied Sciences, 2024, 47(9), pp. 7255-7269.
Publisher: John Wiley & Sons Ltd.
Website: *https://doi.org/10.1002/mma.9971*
Indexed in: Scopus.

(13) **G.A. OKEKE,** A.V. UDO, R.T. ALQAHTANI, M. KAPLAN and W.E. AHMED (2024). A novel iterative scheme for solving delay differential equations and third order boundary value problems via Green's functions, AIMS Mathematics, 2024, 9(3): 6468-6498.
Publisher: AIMS Press

Website: *https://www.aimspress.com/article/doi/10.3934/math.2024315*
Indexed in: Scopus.

(14) **G.A. OKEKE** and D. FRANCIS (2024). Some fixed point theorems in generalized modular metric spaces with applications, Scientific African 23(2024) e02018, 22 pages.
Publisher: Elsevier
Website: *https://www.sciencedirect.com/science/article/pii/S2468227623004726?via%3Dihub*
Indexed in: Scopus.

(15) **G.A. OKEKE** and D. FRANCIS (2024). Fixed point theorems for metric tower mappings in complete metric spaces, The Journal of Analysis, 2024, 32(2), pp. 949-991.
Publisher: Springer
Website: https://link.springer.com/article/10.1007/s41478-023-00661-9
Indexed in: Scopus.

(16) **G.A. OKEKE,** D. FRANCIS and J.K. KIM (2023). Existence and uniqueness of fixed point of some expansive-type mappings in generalized modular metric spaces, Nonlinear Functional Analysis and Applications, Vol. 28, No. 4 (2023), pp. 957-988.
Publisher: Kyungnam University Press
Website:
http://nfaa.kyungnam.ac.kr/journal-nfaa/index.php/NFAA/article/download/1843/1313
Indexed in: Scopus.

(17) **G.A. OKEKE,** A.V. UDO, R.T. ALQAHTANI and N.H. ALHARTHI (2023). A faster iterative scheme for solving nonlinear fractional differential equations of the Caputo type, AIMS Mathematics, 2023, 8(12): 28488-28516.
Publisher: AIMS Press.
Website: *https://www.aimspress.com/article/doi/10.3934/math.20231458*
Indexed in: Scopus.

(18) **G.A. OKEKE** and A.E. OFEM (2023). A novel three-step implicit iteration process for three finite family of asymptotically generalized Φ-hemicontractive mapping in the intermediate sense, App. Math. J. Chinese Univ. 2023, 38(2): 248-263.
Publisher: Springer
Website: *https://link.springer.com/article/10.1007/s11766-023-4228-4*
Indexed in: Scopus.

(19) **G.A. OKEKE,** D. FRANCIS and C.A. NSE (2023). A generalized contraction mapping applied in solving modified implicit ϕ-Hilfer pantograph fractional differential equations, The Journal of Analysis, 31(2023), 1143-1173.
Publisher: Springer.
Website: https://link.springer.com/article/10.1007/s41478-022-00500-3
Indexed in: Scopus.

(20) **G.A. OKEKE** and C.I. UGWUOGOR (2023). Convergence analysis of a new implicit iteration process for asymptotically nonexpansive mappings in the intermediate sense in Banach spaces, The Journal of Analysis, 31(2023), 1401-1423.
Publisher: Springer.
Website: *https://link.springer.com/article/10.1007/s41478-022-00520-z*
Indexed in: Scopus.

(21) **G.A. OKEKE,** D. FRANCIS and J.K. KIM (2023). New proofs of some fixed point theorems for mappings satisfying Reich type contractions in modular metric spaces, Nonlinear Functional Analysis and Applications, Vol. 28 No. 1 (2023), pp. 1-9.
Publisher: Kyungnam University Press. (Korea Republic).
Website: *http://nfaa.kyungnam.ac.kr/journal-nfaa/index.php/NFAA/article/view/1684/1249*
Indexed in: Scopus.

(22) **G.A. OKEKE,** A.E. OFEM and H. ISIK (2022). A faster iterative method for solving nonlinear third-order BVPs based on Green's function, Boundary Value Problems, (2022) 2022:103, https://doi.org/10.1186/s13661-022-01686-y.

Publisher: Springer.
Website: *https://boundaryvalueproblems.springeropen.com/counter/pdf/10.1186/s13661-022-01686-y.pdf*
Indexed in: Scopus.

(23) **G.A. OKEKE,** A.E. OFEM, T. ABDELJAWAD, M.A. ALQUDAH and A. KHAN (2023). A solution of a nonlinear Volterra integral equation with delay via a faster iteration method, AIMS Mathematics, 2023, 8(1): 102-124.
Publisher: AIMS Press, USA.
Website: *https://www.aimspress.com/article/doi/10.3934/math.2023005*
Indexed in: Scopus.

(24) **G.A. OKEKE** and D. FRANCIS (2022). Some fixed-point theorems for a general class of mappings in modular G-metric spaces, Arab Journal of Mathematical Sciences, Vol. 28 No. 2, 2022, pp. 203-216.
Publisher: Emerald Publishing
Website: https://www.emerald.com/insight/content/doi/10.1108/AJMS-02-2021-0037/full/pdf?title=some-fixed-point-theorems-for-a-general-class-of-mappings-in-modular-g-metric-spaces
Indexed in: Scopus.

(25) **G.A. OKEKE** and C.I. UGWUOGOR (2022). Iterative construction of the fixed point of Suzuki's generalized nonexpansive mappings in Banach spaces, Fixed Point Theory, 23(2022), No. 2, 633-652.
Publisher: House of the Book of Science Cluj-Napoca, Romania.
Website: *https://math.ubbcluj.ro/~nodeacj/downloadr.php?f=222-oke-ugw-3185-final.pdf*
Indexed in: Scopus, WoS.

(26) E.C. GODWIN, O.T. MEWOMO, N.N. ARAKA, **G.A. OKEKE** and G.C. EZEAMAMA (2022). An inertial scheme for solving bi-level variational inequalities and the fixed point problem with pseudomonotone and ρ-demimetric mappings, Appl. Set-Valued Anal. Optim. 4(2022), No. 2, pp. 251-267.
Publisher: Biemdas, Canada.
Indexed in: Scopus
Website: http://asvao.biemdas.com/issues/ASVAO2022-2-8.pdf

(27) B. OLAYIWOLA, J. ADEPOJU, …, A. SULE, **G.A. OKEKE**, et al. (2022). Note on the history of (square) matrix and determinant, FUDMA Journal of Sciences (FJS), Vol. 6, No. 3, 2022, pp. 177-190.
Website: *https://fjs.fudutsinma.edu.ng/index.php/fjs/article/view/775/757*

(28) **G.A. OKEKE,** D. FRANCIS and A. GIBALI (2022). On fixed point theorems for a class of $\alpha - v -$Meir – Keeler – type contraction mapping in modular extended b-metric spaces, The Journal of Analysis, 2022, 30(3), pp. 1257-1282.
Publisher: Springer.
Website: https://link.springer.com/article/10.1007/s41478-022-00403-3
Indexed in: Scopus.

(29) **G.A. OKEKE** and D. FRANCIS (2022). Fixed point theorems for asymptotically T-regular mappings in preordered modular G-metric spaces applied to solving nonlinear integral equations, The Journal of Analysis, 2022, 30(2), pp. 501-545.
Publisher: Springer.
Website: https://link.springer.com/article/10.1007/s41478-021-00354-1
Indexed in: Scopus.

(30) **G.A. OKEKE,** D. FRANCIS and M. ABBAS (2022). Common fixed point theorems in modular metric spaces with applications to nonlinear integral equation of Urysohn type, The Journal of Analysis, 30(2022), 1069-1114. https://doi.org/10.1007/s41478-022-00393-2
Publisher: Springer

Website: https://trebuchet.public.springernature.app/get_content/f8bbf111-d75f-4df8-89df-9d70048352cb
Indexed in: Scopus.

(31) **G.A. OKEKE,** A.E. OFEM (2022). A novel iterative scheme for solving delay differential equations and nonlinear integral equations in Banach spaces, Mathematical Methods in the Applied Sciences, 2022, 45(9), pp. 5111-5134.
Publisher: John Wiley & Sons, Ltd.
Website: https://onlinelibrary.wiley.com/doi/full/10.1002/mma.8095
Indexed in: Scopus, WoS

(32) **G.A. OKEKE,** D. FRANCIS, M. de la SEN, M. ABBAS (2021). Fixed point theorems in modular G-metric spaces, Journal of Inequalities and Applications (2021), 2021:163.
Publisher: Springer
Website:
https://journalofinequalitiesandapplications.springeropen.com/track/pdf/10.1186/s13660-021-02695-8.pdf
Indexed in: Scopus.

(33) **G.A. OKEKE,** M. ABBAS, M. De la SEN and H. IQBAL (2021). Accelerated modified Tseng's extragradient method for solving variational inequality problems in Hilbert spaces, Axioms 2021, 10, 248. https://doi.org/10.3390/axioms10040248.
Publisher: MDPI
Website: https://www.mdpi.com/2075-1680/10/4/248/pdf
Indexed in: Scopus, WoS.

(34) **G.A. OKEKE** (2021). Convergence theorems for G-nonexpansive mappings in convex metric spaces with a directed graph, Rendiconti del Circolo Matematico di Palermo Series 2 (2021) 70:907-922.
Website: https://link.springer.com/article/10.1007/s12215-020-00535-0?wt_mc=Internal.Event.1.SEM.ArticleAuthorAssignedToIssue&utm_source=ArticleAuthorAssignedToIssue&utm_medium=email&utm_content=AA_en_06082018&ArticleAuthorAssignedToIssue_20210715
Publisher: Springer-Verlag Italia.
Impact factor: 0.3
Indexed in: SCOPUS.

(35) **G.A. OKEKE,** S.H. KHAN and J.K. KIM (2021). Fixed point theorems in complex valued convex metric spaces, Nonlinear Functional Analysis and Applications, Vol. 26, No. 1 (2021), 117-135.
Website: http://nfaa.kyungnam.ac.kr/journal-nfaa/index.php/NFAA/article/view/1379/1109
Publisher: Kyungnam University Press.
Impact factor: 0.27
Indexed in: SCOPUS.

(36) **G.A. OKEKE** and D. FRANCIS (2021). Fixed point theorems for Geraghty-type mappings applied to solving nonlinear Volterra-Fredholm integral equations in modular G-metric spaces, Arab Journal of Mathematical Sciences, Vol. 27, No. 2, 2021, pp. 214-234.
Publisher: Emerald Publishing Limited
Website: https://www.emerald.com/insight/content/doi/10.1108/AJMS-10-2020-0098/full/pdf?title=fixed-point-theorems-for-geraghty-type-mappings-applied-to-solving-nonlinear-volterra-fredholm-integral-equations-in-modular-italicgitalic-metric-spaces
Impact factor: 0.29
Indexed in: SCOPUS.

(37) **G.A. OKEKE,** M. ABBAS and M. de la SEN (2020). Fixed point theorems for convex minimization problems in complex valued CAT(0) spaces, Nonlinear Functional Analysis and Applications, Volume 25 No. 4 (2020), 671-696.
Website:

http://nfaa.kyungnam.ac.kr/journal-nfaa/index.php/NFAA/article/download/1339/1093
Publisher: Kyungnam University Press.
Impact factor: 0.27
Indexed in: SCOPUS.

(38) **G.A. OKEKE** and M. ABBAS (2020). Convergence analysis of some faster iterative schemes for G-nonexpansive mappings in convex metric spaces endowed with a graph, Thai Journal of Mathematics, Volume 18 Number 3 (2020) 1475-1496.
Website: http://thaijmath.in.cmu.ac.th/index.php/thaijmath/article/download/4505/354354753
Publisher: The Mathematical Association of Thailand.
Impact factor: 0.18
Indexed in: SCOPUS.

(39) **G.A. OKEKE** and S.H. KHAN (2020). Approximation of fixed point of multivalued ρ-quasi-contractive mappings in modular function spaces, Arab Journal of Mathematical Sciences, Vol. 26 No. 1 /2, 2020, pp. 75-93.
Website:
https://www.emerald.com/insight/content/doi/10.1016/j.ajmsc.2019.02.001/full/pdf?title=approximation-of-fixed-point-of-multivalued-italicritalic-quasi-contractive-mappings-in-modular-function-spaces
Publisher: Emerald Publishing Limited.
Impact factor: 0.29
Indexed in: SCOPUS.

(40) **G.A. OKEKE,** D. FRANCIS and M. de la SEN (2020). Some fixed point theorems for mappings satisfying rational inequality in modular metric spaces with applications, Heliyon 6 (2020), e04785.
Website:
https://reader.elsevier.com/reader/sd/pii/S2405844020316285?token=EDFA5CF639AB8CD3968170804927CA75EC49C4673496BC866A32FF75DF2242EDB501B662FFA348EBDA4075DC928F28E5
Publisher: Elsevier BV.
Impact factor: 1.650
Indexed in: SCOPUS.

(41) **G.A. OKEKE** and J.K. Kim (2020). Fixed point theorems in complex valued Banach spaces with applications to a nonlinear integral equation, Nonlinear Functional Analysis and Applications, Vol. 25, No. 3 (2020), 411-436.
Website:
http://nfaa.kyungnam.ac.kr/journal-nfaa/index.php/NFAA/article/download/1306/1076
Publisher: Kyungnam University Press.
Impact factor: 0.27
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Textbooks/Book Chapter

(86) **G.A. OKEKE,** M. ABBAS and S. SILVESTROV (2022). Bochner integrability of the random fixed point of a generalized random operator and almost sure stability of some faster random iterative processes, A. Malyarenko et al. (eds.), Stochastic Processes, Statistical Methods, and Engineering Mathematics, SPAS 2019, Vasteras, Sweden, September 30 – October 2. Springer Proceedings in Mathematics & Statistics 408, pp. 383-405, https://doi.org/10.1007/978-3-031-17820-7_18
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Publisher: MDPI, Switzerland
Website: *https://www.mdpi.com/2227-7390/13/11/1764#*
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Publisher: AIMS Press, USA.
Website: *https://www.aimspress.com/article/doi/10.3934/math.2025349*
Indexed in: Scopus.

Ph.D. Thesis

Existence and Approximation of Fixed Points of Some New Classes of Nonlinear Mappings. University of Lagos, Akoka, Lagos, Nigeria, 2014
Supervisors: Prof. J. O. Olaleru and Prof. S. O. Ajala.

M.Sc. Thesis

Applications of Fixed Point Theorems in Economics. University of Lagos, Akoka, Lagos, Nigeria, 2010
Supervisor: Prof. J. O. Olaleru.

B.Sc. Project

Applications of the Residue Theorem to the Summation of Infinite Series of Real Numbers. University of Nigeria, Nsukka, 2006
Supervisor: Prof. M. O. Osilike.

SOME WORKSHOP AND CONFERENCES ATTENDED/ INVITED PAPERS

A. INVITED PAPERS/ SPEAKER

(1) 41st Annual Conference of the Nigerian Mathematical Society, University of Ibadan, Oyo State (**Presenter**) 6th – 10th May, 2024
(2) International Conference on Mathematical Sciences and Optimization (ICMSO 2023), University of Lagos, Akoka (UNILAG), 28th August to 2nd September 2023 **(Resource Person)**
(3) Functional Analysis Methods in Fractional Calculus, International Conference on fractional calculus and its application (ICOFCA 2022), University of Lagos, Akoka, Lagos. Nov. 21-27, 2022 **(Resource Person).**
(4) "Convergence analysis of some fixed point iterations for G-nonexpansive mappings in convex metric spaces endowed with a graph", Department of Mathematics, University of Lagos, Akoka, Lagos, Nigeria, Seminar & Colloquia Series, 2021 (Invited Paper).
(5) CASM International Conference on Applied Mathematics, Centre for Advanced Studies in Mathematics, Dept. of Mathematics, Lahore University of Management Sciences, Lahore Pakistan. August 19 - 20, 2019
(6) One day International Workshop on Algebra, Analysis and their applications, Department of Mathematics, Government College University, Lahore Pakistan December 02, 2019

B. PARTICIPANT/POSTER PRESENTATION

(1) 7th Annual Conference of the Asian Council of Science Editors (ACSE), Dubai, UAE, August 21, 2021.
(2) Workshop and Foundation Postgraduate Course in Real Analysis, National Mathematical Centre, Abuja, Nigeria. January 4, 2021 – January 7, 2021
(3) 5th International Conference on Pure and Applied Mathematics, Department of Mathematics, University of Sargodha, Pakistan 24th – 25th February, 2020
(4) 17th Edward A. Bouchet/Abdus Salam Regional Workshop on Functional Analysis, Differential Equations and its Applications. Legon-Accra, Ghana, 3rd – 9th July, 2011
(5) 18th Edward A. Bouchet/Abdus Salam Regional Workshop on Functional Analysis, Differential Equations and its Applications. Legon-Accra, Ghana, 10th – 21st July, 2012
(6) International Conference on Mathematical Analysis and Optimization: Theory and Applications (ICAPTA 2014), University of Lagos, Akoka, Lagos, Nigeria. 12th -14th March 2014
(7) 34th Annual Conference of the Nigerian Mathematical Society, Department of Mathematics, University of Lagos, Akoka, Lagos, Nigeria. 23rd -26th June, 23rd – 26th June, 2015
(8) 21st Edward A. Bouchet/Abdus Salam Regional Workshop on Functional Analysis, Differential Equations and its Applications. Legon-Accra, Ghana, 6th – 10th July, 2015
(9) 27th Annual Colloquium and Congress of the Nigerian Association of Mathematical Physics (NAMP), Michael Okpara University of Agriculture, Umudike, Abia State, Nigeria 1st – 4th November, 2016

MEMBER OF NATIONAL/ INTERNATIONAL BODY/BODIES

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(1) Member, International Society of Difference Equations (ISDE)
(2) Member, Asian Council of Science Editors (ACSE)
(3) Member, Nigerian Mathematical Society (NMS)
(4) Association of Mathematical Sciences and Optimisation (AMSO) (Public Relations Officer).
(5) Member, Nigerian Institute of Management (Chartered), NIM.

AWARDS/GRANTS/ MoU (attracted)

(1) I attracted a signed memorandum of understanding (MoU) between my home institution, Federal University of Technology, Owerri, Nigeria (FUTO) and Government College University, Lahore, Pakistan (GCU) in 2020. The signed MoU contains several funded research opportunities, including the folowings:
   (a) postdoctoral positions for staff of my home institution, FUTO in GCU, Pakistan.
   (b) Exchange programmes for staff and students of both institution.
   (c) Short research visits for staff and students of both institution.
   (d) Development of new programmes in my home institution – FUTO, in collaboration with GCU.
   (e) Collaboration in some research projects by both institution.
   Among others.
(2) First African to be appointed as a postdoctoral fellow of the Abdus Salam School of Mathematical Sciences, Lahore, Pakistan, see, http://www.sms.edu.pk/postdoctoral-fellows/

(3) Best publication award in the School of Physical Sciences, Federal University of Technology, Owerri, Nigeria for the year 2019. (A letter from the university management informing me of the award plus a cash award of fifty thousand naira).
(4) A shield presentation by the Vice Chancellor, Government College University, Lahore, Pakistan in recognition of my presentation as an invited speaker on one day international workshop on algebra, analysis and their applications, organized by Department of Mathematics, GC University, Lahore, Pakistan, December 02, 2019
(5) Research Grants by the World Academy of Sciences (TWAS), worth USD1000.00 in support of my research titled "On the stability of random iterative processes with applications to financial markets." Grant ref: 15-089 RG/MATHS/AF/AC_I-FR3240287082 2015
(6) Certificate of merit, National Association of Mathematical Sciences Students of Nigeria, University of Nigeria, Nsukka Chapter. 2006
(7) Best graduating M.Sc student in Department of Mathematics, University of Lagos, Akoka, Yaba, Lagos. 2010
(8) My PhD student, Dr. Daniel Francis won the Best Nigerian Mathematical Society PhD (Mathematics) thesis award in Nigeria (2023). I was the Main Supervisor of His PhD thesis.

ADMINISTRATIVE EXPERIENCE/ACTIVITIES

(1) Acting Head, Department of Mathematics, Federal University of Technology, Owerri, Imo State, Nigeria July 2024 till date
(2) Chairman, School of Physical Sciences, FUTO 2022/2023 Session Examination Misconduct Committee
(3) Grant Desk Officer in FUTO research enterprise. Responsible to the Deputy Vice Chancellor Research, Development & Innovation, Federal University of Technology, Owerri, Nigeria 2023 till date
(4) Chairman, Functional Analysis and Optimization Research Group (FANORG), Department of Mathematics, School of Physical Sciences, Federal University of Technology, Owerri, Imo State, Nigeria
(5) Member, FUTO Research Enterprise Committee (SOPS and Department of Mathematics Research Officer), Federal University of Technology Owerri. July 2021 till date
(6) Member, Investigative panel on a case of illegal allocation of students in Hostel "F" (Scholarship Hostel), Federal University of Technology, Owerri 2019
(7) Member, Investigative panel on cases of alleged stealing at students affairs unit and office breaking at new SEET complex, Federal University of Technology, Owerri. 2019
(8) Member, 2017/2018 SOPS Examinations Misconduct Committee, School of Physical Sciences, Federal University of Technology, Owerri 2017/2018 Session
(9) Final Year Project Coordinator, Department of Mathematics, Federal University of Technology, Owerri, Imo State. 2019 - 2020
(10) Member, National organizing committee, Annual International Conference on Mathematical Sciences and Optimization: Theory and Applications, National Mathematical Centre, Abuja 2014 till date
(11) COLPAS representative in the board of CASAP, MOUAU 2016 – 2017
(12) Member, Welfare committee, Department of Mathematics, Michael Okpara University of Agriculture, Umudike, Abia State, Nigeria 2016 - 2017

(13) Member, Examinations committee, Department of Mathematics, Michael Okpara University of Agriculture, Umudike, Abia State, Nigeria
2016 - 2017
(14) Member, Postgraduate board, Department of Mathematics, Michael Okpara University of Agriculture, Umudike, Abia StateJan. 2016 – Nov 2017
(15) Deputy Postgraduate Committee Chairman, Department of Mathematics, Covenant University, Ota, Ogun State, Nigeria. Jan. 2015 – Aug. 2015
(16) Chairman, Town – Gown Committee, Department of Mathematics, Covenant University, Ota, Ogun State, Nigeria Aug. 2015 - Jan. 2016
(17) Chairman, Research, Seminar and SIWES committee, Department of Mathematics, Covenant University, Ota, Ogun State, Nigeria. 2015 -Jan 2016
(18) Member, International Linkages/MOU Committee, Department of Mathematics, Covenant University, Ota, Ogun State, Nigeria Aug. 2015 -Jan. 2016
(19) Member, Postgraduate Committee, Department of Mathematics, Covenant University, Canaan Land, Ota, Ogun State, Nigeria. Sept 2014 -Jan. 2016
(20) Member, Research cluster committee, Department of Mathematics, Covenant University, Canaan Land, Ota, Ogun State, Nigeria. 2014 - Jan. 2016
(21) Chairman, Functional Analysis/Analysis Research cluster committee, Department of Mathematics, Covenant University, Canaan Land, Ota, Ogun State, Nigeria.
Sept 2014 - Jan. 2016
(22) Member, Examinations Committee, Department of Mathematics, Covenant University, Canaan Land, Ota, Ogun State, Nigeria Sept 2014 - Jan. 2016

EDITORIAL BOARD MEMBERSHIP/REVIEWING RESPONSIBILITIES

A. EDITORIAL BOARD MEMBERSHIP

(1.) Associate Editor, Journal of the Nigerian Mathematical Society (JNMS), https://ojs.ictp.it/jnms/index.php/jnms/index
(2.) Editorial board member, International Journal of Mathematical Sciences and Optimization (IJMSO), see, http://ijmso.unilag.edu.ng/about/editorialTeam
(3.) Editorial board member, Journal of Mathematical Sciences and Computational Mathematics (JMSCM), see the following website: http://jmscm.thesmartsociety.org/editorial-board.html
(4.) Editorial board member, Journal of Mathematical Control Science & Applications (JMCSA), see the following website: https://www.mukpublications.com/jmsca-editorial-board.php

B. PEER REVIEWING RESPONSIBILITIES

(1.) I was appointed by the American Mathematical Society to serve as a reviewer for the Mathematical Reviews database, MathSciNet. 2015 till date
(2.) Symmetry (MDPI, Basel, Switzerland)
(3.) Axiom (MDPI, Basel, Switzerland)
(4.) Journal of Advances in Mathematics and Computer Science (Sciencedomain International, UK)
(5.) Punjab University Journal of Mathematics (University of the Punjab, Lahore, Pakistan)
(6.) Caspian Journal of Mathematical Sciences (University of Mazandaran, Babolstar, Iran).
(7.) Gazi University Journal of Science (Gazi University, Turkey)
(8.) Applied General Topology (Universitat Politecnica De Valencia)
(9.) Fixed Point Theory and Applications (Springer).
(10.) Journal of Advances in Mathematics.

(11.) Journal of Mathematics (Hindawi).
(12.) Communications in Statistics: Theory and Methods (Taylor & Francis Group)
(13.) FUNAI Journal of Science and Technology (FUNAI, Ebonyi State, Nigeria).
(14.) Far East Journal of Mathematical Sciences (FJMS) (ISSN: 0972-0871), India.
(15.) International Journal of Computer Mathematics (Taylor & Francis Group).
(16.) Journal of Advances in Mathematics and Computer Science (Sciencedomain).
(17.) International Journal of Mathematical Analysis and Optimization (University of Lagos, Akoka, Lagos, Nigeria).
(18.) Journal of Scientific Research and Development (JSRD) (University of Lagos, Akoka, Lagos, Nigeria).
(19.) Carpathian Journal of Mathematics (North University Center at Baia Mare, Tehnical University of Cluj-Napoca, Baia Mare, Romania).
(20.) Journal of the Nigerian Mathematical Society (JNMS), (Nigeria).

COMMUNITY DEVELOPMENT SERVICE/ACTIVITIES

(1) Coordinator, Deeper Life Bible Church, Avu II District, Owerri West LGA, Imo State, Nigeria 2020 till date.
(2) Coordinator, Deeper Life Bible Church, Oforola District, Owerri West LGA, Imo State, Nigeria 2018 till 2019.
(3) Associate Coordinator, Deeper Life Campus Fellowship, FMC, Umuahia, 2017 - 2018
(4) Certificate of participation as a Peer Education Trainer by **UNICEF** 2007-2008
(5) Member, Local Organizing Committee, International Conference on Mathematical Analysis and Optimization: Theory and Applications (ICAPTA) University of Lagos, Akoka, Lagos, Nigeria, 2014 till date. http://icapta.unilag.edu.ng/organizing.php
(6) Chairman, Registration/Documentation sub-committee, 27th Annual Colloquium and Congress of the Nigerian Association of Mathematical Physics (NAMP), Michael Okpara University of Agriculture, Umudike, Abia State. 1st - 4th Nov., 2016.

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