

Hilary Izuchukwu Okagbue Ph.D



Personal Data

Date of Birth: 19 December, 1982
Gender: Male
Town: Onitsha
Local Government Area: Onitsha North LGA
State of Origin: Anambra State
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Marital Status: Single
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Present Position: Lecturer II
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Research Profile

Database or Web Page	Click for Details
Covenant University	Click Here
Scopus	Click Here
Web of Science	Click Here
Google Scholar	Click Here
PubMed	Click Here
Research gate	Click Here
Publons	Click Here
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Core Competence

Mathematical Statistics and Data Analysis. SPSS, Microsoft EXCEL, MINITAB, MATLAB, Orange, EasyFit, KNIME and R are the software that I use in Data analysis.

Educational Background

Schools/Institution attended

S/N	Degree Level	Type	Date of Award	Institution
1	Ph.D	Industrial Mathematics (Statistics Option)	2019	Covenant University Ota, Ogun State, Nigeria
2	M.Sc	Statistics (Distinction)	2010	University of Lagos, Lagos, Nigeria
3	B.Tech	Industrial Mathematics (Second Class Upper)	2007	Federal University of Technology, Owerri, Nigeria
6	GCE/WAEC	Sec Sch. Certificate	1999	Modebe Memorial Grammar School, Onitsha, Anambra State

Teaching Experience

a. *Duration of Teaching Experience*

S/N	Name	From	To
1	Researcher and Lecturer at Covenant University, Canaanland, Ota, Ogun State, Nigeria.	2013	Till date

b. *Academic Leadership Positions Held*

- Member, College Web Committee 2018/2019 session.
- Member, Departmental Lab Committee 2016 till date
- Member, Departmental Web Committee 2015 till date.
- Member, Departmental Quality Assurance, 2014-2015.
- Level Adviser, 300 Level, Industrial Mathematics, Covenant University, 2014-2015.
- Level Adviser, 100 Level, Industrial Mathematics (Statistics option), 2016-2017.
- Level Adviser, 100 Level, Industrial Mathematics (Statistics option), 2017-2018.
- Level Adviser, 100 and 200 Levels, Industrial Mathematics (Statistics option) 2018/2019.
- Level Adviser, 300 Level, Industrial Mathematics (All options) 2019/2020.

c. Taught Courses (Undergraduate)

Session	Semester	Course Title	Course Code	Percentage Pass
2013-2014	Omega	Vector Algebra	MAT 122	95
		Mathematics V Statistics II	MAT 123	70
2014-2015	Alpha	Mathematics IV Statistics I	MAT 114	78.43
		Statistics for Biological Sciences	MAT 217	83.75
		Probability Distributions	MAT 315	66.67
		Probability and Statistics	GEC 410	94.83
2014-2015	Omega	Statistical Methods	CIS 226	87.57
		Survey Methodology and Quality Control	MAT 414	87.5
2015-2016	Alpha	Mathematics IV Statistics I	MAT 114	77.78
		Statistics for Biological Sciences	MAT 217	89.29
		Probability Distributions	MAT 315	87.5
		Probability and Statistics	GEC 410	98.73
2015-2016	Omega	Statistical Methods	CIS 226	85
		Survey Methodology and Quality Control	MAT 414	100
2016-2017	Alpha	Mathematics IV Statistics I	MAT 114	81.5
		Intro to Probability Distribution	MAT 116	100
		Probability Distributions	MAT 315	100
		Probability and Statistics	GEC 410	99.5
2016-2017	Omega	Statistical Computing	MAT 126	100
		Statistical Methods	CIS 226	88.2
		Statistical Methods (PT)	CIS 226	100
2017-2018	Alpha	Mathematics IV Statistics I	MAT 114	84.62
		Statistics for Biological Sciences	MAT 217	94.63
		Probability Distributions	MAT 315	100
		Statistical Inference	MAT 318	100
2017-2018	Omega	Mathematics V Statistics II	MAT 123	87
		Statistical Methods	CIS 226	92
		Statistical Packages I	MAT 228	100
2018-2019	Alpha	Intro to Probability Distribution	MAT 215	100
		Intro to Sampling and Survey	MAT 216	100
		Statistics for Biological Sciences	MAT 217	80
		Statistical Inference	MAT 318	100
2018-2019	Omega	Mathematics V Statistics II	MAT 123	77
		Statistical Methods	CIS 226	95
		Statistical Packages I	MAT 228	100
2019-2020	Alpha	Intro to Probability Distribution	MAT 215	100
		Intro to Sampling and Survey	MAT 216	100
		Statistics for Biological Sciences	MAT 217	84
		Probability Distributions	MAT 315	100
		Statistical Inference	MAT 318	100
		Statistical Inference II	MAT 431	100

d. Undergraduate Supervision

Session	Number
2014/2015	1
2016/2017	1
2018/2019	2
2019/2020	7

e. *Academic Awards*

- Outstanding Researcher, Chancellor Honour's list, 2019, Covenant University.
- Outstanding Researcher, Chancellor Honour's list, 2018, Covenant University.
- Outstanding Researcher, Chancellor Honour's list, 2017, Covenant University.
- Best Graduating Student, M.Sc, Mathematics Department, 2018/2019, University of Lagos.
- Best Graduating Student, M.Sc, Statistics option, 2018/2019, University of Lagos.
- Best WASSCE Result, 1999, Modebe Memorial Secondary School, Onitsha, Nigeria.

Academic Publications

Peer Reviewed Publications

1. **H.I. Okagbue**, J.A. Teixeira da Silva (2020). Correlation between the CiteScore and Journal Impact Factor of top-ranked library and information science journals. *Scientometrics* (2020). 10.1007/s11192-020-03457-x.
2. A.A. Opanuga, O.O. Agboola, **H.I. Okagbue**, A.M. Olanrewaju (2020). Entropy Generation of MHD Poiseuille Flow with Hall and Joule Heating Effects. *International Journal of Mechanics*, 14, 28-36.
3. A.A. Opanuga, S.A. Adesanya, **H.I. Okagbue**, O.O. Agboola (2020). Impact of Hall Current on the Entropy Generation of Radiative MHD Mixed Convection Casson Fluid. *International Journal of Applied and Computational Mathematics*, 6, Article number: 44.
4. Surwani, E.M. Akhmetshin, **H.I. Okagbue**, E. Laxmi Lydia, K. Shankar (2020). Digital Economic Challenges and Economic Growth in Environmental Revolution 4.0. *Journal of Environmental Treatment Techniques*, 8(1), 546-550.
5. **H.I. Okagbue**, N. J. Peter, A.O. Akinola, C.O. Iroham, A.P. Opoko (2020). Smart Review of the Application of Genetic Algorithm in Construction and Housing. *International Journal of Advanced Trends in Computer Science and Engineering*, 9(1), 266 – 273.
6. **H.I. Okagbue**, S.A. Bishop, P.I. Adamu, A.A. Opanuga, E.C.M. Obasi (2020). Analysis of Percentiles of Computer Science, Theory and Methods Journals CiteScore Versus Impact Factor. *DESIDOC Journal of Library & Information Technology*, 40(1), 359-365.
7. O.O. Ajakaiye, J. Zakariyau, A.O. Akinola, **H.I. Okagbue**, A.O. Afolabi (2020). Assessment of Street Trading Activities in Public Spaces (Ikorodu Motor Garage), Ikorodu, Lagos. *International Journal of Innovative Technology and Exploring Engineering*, 9(4), 1683-1692.
8. J.G. Oghonyon, **H.I. Okagbue**, E.D. Amanie, A.A. Atayero (2020). Statistical Analysis of Leading Goal Scoring Pattern of Europe's Top Five Football Leagues. *International Journal of Innovative Technology and Exploring Engineering*, 9(4), 517-521.

9. **H.I. Okagbue**, S.A. Bishop, A.A. Opanuga, A.A. Atayero, N. J. Peter (2020). Statistical Analysis of Championship Matches Outcomes in World Wrestling Entertainment (WWE) Pay-Per-View Events. *International Journal of Recent Technology and Engineering*, 8(5), 963-967.
10. C.O. Iroham, O.M. Akinwale, **H.I. Okagbue**, N.J. Peter, M.E. Emeteri (2020). Patronage as a Determinant of Rental Values of Shopping Malls: A Case of Ibadan, Nigeria. *International Journal of Recent Technology and Engineering*, 8(5), 957-962.
11. I.Q. Onu-Okpara, S.U. Oranusi, **H.I. Okagbue** (2020). Weight Test of Broiler Chicks Placed on Probiotic-fortified Composite Feed, Standard Commercial Starter Mash and Cornmeal. *International Journal of Engineering and Applied Technology*, 9(3), 1102-1104.
12. A.O. Akinola, A.P. Opoko, E.O. Ibem, **H.I. Okagbue**, A.O. Afolabi (2020). Climate Change Adaptation and Mitigation Strategies in Lagos, Nigeria: Built Environment Professionals' Perspective. *International Journal of Engineering and Applied Technology*, 9(3), 1273-1282.
13. S.A. Bishop, **H.I. Okagbue**, J. A. Odukoya (2020). Statistical analysis of childhood and early adolescent externalizing behaviors in a middle low income country. *Heliyon*, 6(2), e03377.
14. **H.I. Okagbue**, P.E. Oguntunde, S.A. Bishop, E.C.M. Obasi, A.A. Opanuga, O.P. Ogundile (2020). Review on the Reliability of Medical Contents on YouTube. *International Journal of Online and Biomedical Engineering*, 16(1), 83-99.
15. **H.I. Okagbue**, S.A Bishop, A.E Boluwajoko, A.M Ezenkwe, G.N Anene, B.E Akinsola, I.B Offiah (2020). Gender and Age Differences in the Study Plan of University Students. *International Journal of Interactive Mobile Technologies*, 14(1), 62-81.
16. M. Ubaka-Okoye, A.A. Azeta, A.A. Oni, H.I. Okagbue, O.S. Nicholas-Omoregbe (2020). Securing Educational Data Using Agent-Based Blockchain Technology. *International Journal of Scientific & Technology Research*, 9(1), 2936-2938.
17. P.I. Adamu, **H.I. Okagbue**, I. Akinwumi, C. Idowu (2019). Trends of non-communicable diseases and public health concerns of the people of northeastern Nigeria amidst the Boko Haram insurgency. *Journal of Public Health (Berlin)*, 10.1007/s10389-019-01157-2.
18. A.A. Opanuga, O.O. Agboola, J.A. Gbadeyan, **H.I. Okagbue** (2020). Entropy generation analysis of Hall current effect on MHD micropolar fluid flow with rotation effect. *SN Applied Sciences*, 2, Article 18.
19. S.A. Bishop, S.A. Iyase, **H.I. Okagbue** (2019). Stability of well-posed stochastic evolution equation. *Heliyon*, 5(11), e02832.
20. **H.I. Okagbue**, P.E. Oguntunde, S.A. Bishop, P.I. Adamu, E.M. Akhmetshin, C.O. Iroham (2019). Significant Predictors of Henley Passport Index. *Journal of International Migration and Integration*. 10.1007/s12134-019-00726-4.

21. Ihuoma Q. Onu-Okpara, S.U. Oranusi, **H.I. Okagbue** (2019). Production of probiotic-fortified composite poultry feed from food and agricultural waste material. *Journal of Advanced Veterinary and Animal Research*, 6(4), 544-548.
22. **H.I. Okagbue**, P.I. Adamu, S.A. Bishop, E.C.M. Obasi, A.O. Akinola (2019). Curve Estimation Models for Estimation and Prediction of Impact Factor and CiteScore Using the Journal Percentiles: A Case Study of Telecommunication Journals. *International Journal of Online and Biomedical Engineering*, 15(14), 31-41.
23. C.O. Iroham, M.E. Emeteri, **H.I. Okagbue**, O. Ogunkoya, O.D. Durodola, N.J. Peter, O.M. Akinwale (2019). Modified Pricing Model for Negotiation of Mortgage Valuation Between Estate Surveyors and Valuers and Their Clients. *Global Journal of Flexible Systems Management*, 20(4), 337-347.
24. **H. I. Okagbue**, S. A. Bishop, P. E. Oguntunde, P. I. Adamu, A. A. Opanuga, E. M. Akhmetshin (2019). Modified CiteScore metric for reducing the effects of self-citations. *TELKOMNIKA*, 17(6), 3044-3049.
25. P. I. Adamu, I. I. Akinwumi, **H. I. Okagbue** (2019). Reactive project scheduling: minimizing delays in the completion times of projects. *Asian Journal of Civil Engineering*, 20, 1189-1202.
26. S. A. Bishop, **H. I. Okagbue**, V. O. Adoghe (2019). Determining the level of sexually transmitted diseases (STDs) awareness in Ota, Nigeria. *Journal of Public Health (Berlin)*, 10.1007/s10389-019-01128-7.
27. **H.I. Okagbue**, M.O. Adamu, T.A. Anake (2019). Differential Evolution in Wireless Communications: A Review. *International Journal of Online and Biomedical Engineering*, 15(11), 29-52.
28. **H.I. Okagbue**, M.O. Adamu, S.A. Bishop, P.E. Oguntunde, O.A. Odetunmibi, A.A. Opanuga (2019). Hepatitis E Infection in Nigeria: A Systematic Review. *Open Access Macedonian Journal of Medical Sciences*, 7(10), 1719-1722.
29. **H.I. Okagbue**, M.O. Adamu, T.A. Anake, A.S. Wusu (2019). Nature inspired quantile estimates of the Nakagami distribution. *Telecommunication Systems*, 72(4), 517-541.
30. O.P. Ogundile, S.A. Bishop, **H.I. Okagbue**, P.O. Ogunniyi, A.M. Olanrewaju (2019). Factors Influencing ICT Adoption in Some Selected Secondary Schools in Ogun State, Nigeria. *International Journal of Emerging Technology in Learning*, 14(10), 62-74.
31. A.A. Opanuga, **H.I. Okagbue**, P.E. Oguntunde, S.A. Bishop, O.P. Ogundile (2019). Learning Analytics: Issues on the Pupil-Teacher Ratio in Public Primary Schools in Nigeria. *International Journal of Emerging Technology in Learning*, 14(10), 180-199.

32. **H.I. Okagbue**, P.I. Adamu, S.A. Bishop, P.E. Oguntunde, A.A. Opanuga, E.M. Akhmetshin (2019). Systematic Review of Prevalence of Antepartum Depression during the Trimesters of Pregnancy. *Open Access Macedonian Journal of Medical Sciences*, 7(9), 1555-1560.
33. P.E. Oguntunde, M.A. Khaleel, **H.I. Okagbue**, O.A. Odetunmibi (2019). The Topp-Leone Lomax (TLLo) Distribution with Applications to Airbone Communication Transceiver Dataset. *Wireless Personal Communications*, 109(1), 349-360.
34. P.E. Oguntunde, **H.I. Okagbue**, O.A. Oguntunde, O.A. Odetunmibi (2019). A Study of Noise Pollution Measurements and Possible Effects on Public Health in Ota Metropolis, Nigeria. *Open Access Macedonian Journal of Medical Sciences*, 7(8), 1391-1395.
35. C.O. Iroham, **H.I. Okagbue**, M.E. Emeter, T.O. Okonye, O.O. Temitope, N.J. Peter, O.D. Durodola (2019). Auctioneering in the Practice of Estate Surveyors and Valuers. *International Journal of Advanced Research in Engineering & Technology*, 10(02), 624-635.
36. **H.I. Okagbue**, S.A. Bishop, P.E. Oguntunde, A.A. Opanuga, O.F. Imaga, O.O. Agboola (2019). Differential Calculus Notes on Wrapped Exponential Distribution. *International Journal of Mechanical Engineering & Technology*, 10(04), 417-429.
37. P.E. Oguntunde, M.A. Khaleel, A.O. Adejumo, **H.I. Okagbue** (2018). A study of an extension of the exponential distribution using logistic-x family of distributions. *International Journal of Engineering & Technology*, 7(4), 5467-5471.
38. P.I. Adamu, **H.I. Okagbue**, P.E. Oguntunde (2019). Project scheduling with variable renewable resource limits. *International Journal of Advanced and Applied Sciences*, 6(5), 70-75.
39. P.I. Adamu, M.O. Adamu, **H.I. Okagbue**, L. Opoola, S.A. Bishop (2019). Survival Analysis of Cancer Patients in North Eastern Nigeria from 2004 – 2017 – A Kaplan - Meier Method. *Open Access Macedonian Journal of Medical Sciences*. 7(4), 642-649.
40. **H.I. Okagbue**, M.O. Adamu, T.A. Anake (2019). Closed Form Expression of the Quantile Function of Maxwell-Boltzmann Distribution. *Advances and Applications in Statistics*, 54(2), 179-197.
41. P.I. Adamu, **H.I. Okagbue**, P.E. Oguntunde (2019). A New Priority Rule for Solving Project Scheduling Problems. *Wireless Personal Communications*, 106(2), 681-699.
42. P.I. Adamu, **H.I. Okagbue**, P.E. Oguntunde (2019). Fast and Optimal Path Planning Algorithm (FAOPPA) for a Mobile Robot. *Wireless Personal Communications*, 106(2), 577-592.
43. P. E. Oguntunde, M.A. Khaleel, M.T. Ahmed, **H.I. Okagbue** (2019). The Gompertz Fréchet distribution: Properties and applications. *Cogent Mathematics & Statistics*, 6, Article: 1568662.
44. **H. I. Okagbue**, M. O. Adamu, T. A. Anake (2019). Closed Form Expressions for the Quantile Function of the Erlang Distribution Used in Engineering Models. *Wireless Personal Communications*, 104 (4), 1393-1408.

45. A.A. Opanuga, O.O. Agboola, **H.I. Okagbue**, A.M. Olanrewaju (2018). Hall Current and Ion-Slip Effects on the Entropy Generation of Couple Stress Fluid with Velocity Slip and Temperature Jump. *International Journal of Mechanics*, 12, 221-231.
46. **H. I. Okagbue**, M. O. Adamu, T. A. Anake (2019). Quantile mechanics: Issues arising from critical review. *International Journal of Advanced and Applied Sciences*, 6(1), 9-23.
47. **H.I. Okagbue**, C.O. Iroham, N.J. Peter, J.D. Owolabi, P.I. Adamu, A.A. Opanuga (2018). Systematic Review of Building Failure and Collapse in Nigeria. *International Journal of Civil Engineering and Technology*, 9(10), 1391-1401.
48. **H.I. Okagbue**, A.A. Atayero, P.E. Oguntunde, A.A. Opanuga, P.I. Adamu, A.O.I. Adebayo (2018). Exploration of Research Areas of Universities in Nigeria based on Scopus Subject Document Classification. *International Journal of Education and Information Technologies*, 12, 117-123.
49. **H.I. Okagbue**, A.A. Opanuga, P.E. Oguntunde, P.I. Adamu, C.O. Iroham, A.O.I. Adebayo (2018). Research Output Analysis for Universities of Technology in Nigeria. *International Journal of Education and Information Technologies*, 12, 105-109.
50. P.E. Oguntunde, O.O. Ojo, O.A. Oguntunde, **H.I. Okagbue** (2018). Crude Oil Importation and Exportation in Nigeria: An Exploratory and Comparative Study. *Engineering, Technology & Applied Science Research*, 8(5), 3329-3331.
51. P.E. Oguntunde, K.A. Ilori, **H.I. Okagbue** (2018). The inverted weighted exponential distribution with applications. *International Journal of Advanced and Applied Sciences*, 5(11), 46-50.
52. **H.I. Okagbue**, A.A. Atayero, M.O. Adamu, P.E. Oguntunde, A.A. Opanuga, P.I. Adamu (2018). Analysis of dataset on editorial board composition of Dove Medical Press by continent. *Data in Brief*, 20, 1440-1445.
53. P.E. Oguntunde, M.A. Khaleel, A.O. Adejumo, **H.I. Okagbue**, A.A. Opanuga, F.O. Owolabi (2018). The Gompertz Inverse Exponential (GoIE) distribution with applications *Cogent Mathematics & Statistics*, 5, 1507122.
54. J.G. Oghonyon, O.A. Adesanya, H. Akewe, **H.I. Okagbue** (2018). Softcode of Multi-Processing Milne's Device for Estimating First-Order Ordinary Differential Equations. *Asian Journal of Scientific Research*, 11(4), 553-559.
55. **H.I. Okagbue**; M.O. Adamu; T.A. Anake (2018). Ordinary differential equations of probability functions of convoluted distributions. *International Journal of Advanced and Applied Sciences*, 5(10), 46-52.
56. OO Agboola; AA Opanuga; **HI Okagbue**; SA Bishop; PO Ogunniyi (2018). Analysis of Hall effects on the Entropy Generation of Natural Convection Flow through a Vertical Microchannel. *International Journal of Mechanical Engineering and Technology*, 9(8), 712-721.

57. AO Akinola; T Salau; A. Oluwatayo; O Babalola; **HI Okagbue** (2018). Data on the awareness and adoption of ICT in town planning firms in Lagos state, Nigeria. *Data in Brief*, 20, 436-447
58. PE Oguntunde; **HI Okagbue**; OA Oguntunde; AA Opanuga; SJ Oluwatunde (2018). Analysis of the inter-relationship between students' first year results and their final graduating grades. *International Journal of Advanced and Applied Sciences*, 5(10), 1-6.
59. A. Oluwatayo; AO Akinola; IU Agomuo; SO Mozimo; CC Onwuka; **HI Okagbue** (2018). Survey dataset on factors that influence satisfaction of clients with architectural services in Lagos State, Nigeria. *Data in Brief*, 20, 118-125.
60. SA Bishop; **HI Okagbue**; OA Oludayo; OO Agboola; MC Agarana; MO Adamu (2018). Survey dataset on the types, prevalence and causes of deviant behavior among secondary school adolescents in some selected schools in Benin City, Edo State, Nigeria. *Data in Brief*, 20, 101-107.
61. O.J. Okunola; D.O. Oba; S.U. Oranusi; **H.I. Okagbue** (2018). Data on microbial assessment and physicochemical characteristics of sachet water samples obtained from three factories in Ota, Ogun state, Nigeria. *Data in Brief*, 19, 2445-2451.
62. PI Adamu; PE Oguntunde; **HI Okagbue**; OO Agboola (2018). On the Epidemiology and Statistical Analysis of HIV/AIDS Patients in the Insurgency Affected States of Nigeria. *Open Access Macedonian Journal of Medical Sciences*. 6(7), 1315-1321.
63. TE Oladimeji; JA Sonibare; JA Omoleye; AA Adegbola; **HI Okagbue** (2018). Data on the treatment of used lubricating oil from two different sources using solvent extraction and adsorption. *Data in Brief*, 19, 2240-2252.
64. A Oluwatayo; AO Akinola; T Babalola; **HI Okagbue**; S Olademehin; S Eyiario; S Oludara; O Johnson; O Famurewa; O Obi; A Adewakun; EN Ekara (2018). Survey data on users' perception of flexibility of spaces in selected cultural center in southwest Nigeria. *Data in Brief*, 19, 1888-1893.
65. TI Olawande; **HI Okagbue**; AS Jegede; PA Edewor; LT Fasasi (2018). Survey datasets on patterns of utilization of mental healthcare services among people living with mental illness. *Data in Brief*. 19, 2095-2103.
66. O.O. Agunloye, O.O. Ajakaiye, A.O. Akinola, **H.I. Okagbue**, A.A. Afolabi (2018). Datasets on factors influencing the urban environmental quality of intra-urban motor parks across density areas of Lagos metropolis. *Data in Brief*, 19, 2109-2118.
67. OO Ajakaiye; HA Afolabi; AO Akinola; **HI Okagbue**; OO Olagunju; OO Adetoro (2018). Datasets on factors influencing trading on pedestrian bridges along Ikorodu road, Lagos, Nigeria. *Data in Brief*. 19, 1584–1593.

68. **HI Okagbue**, EC Erondy, AA Atayero, PE Oguntunde, AA Opanuga, TI Olawande, OA Ijezie, GA Eze (2018). Statistical analysis of frequencies of opponents' eliminations in Royal Rumble wrestling matches. *Data in Brief*, 19, 1458–1465.
69. AA Opanuga; **HI Okagbue**; OO Agboola; SA Bishop (2018). Second Law Analysis of Ion Slip Effect on MHD Couple Stress Fluid. *International Journal of Mechanics*, 12, 96-101.
70. **H.I. Okagbue**, P.E. Oguntunde, A.A. Opanuga, P.I. Adamu (2018). Classes of Ordinary Differential Equations Obtained for the Probability Functions of Linear Failure Rate and Generalized Linear Failure Rate Distributions. *International Journal of Circuits, Systems and Signal Processing*, 12, 596-603.
71. AA Opanuga; **HI Okagbue**; SA Bishop; OO Agboola (2018). Hall Current and Joule Heating Effects on Flow of Couple Stress Fluid with Entropy Generation. *Engineering, Technology & Applied Science Research*, 8(3), 2923-2930.
72. P.E. Oguntunde, O.O. Ojo, **H.I. Okagbue**, O.A. Oguntunde (2018). Analysis of selected crime data in Nigeria. *Data in Brief*, 19, 1242-1249.
73. A.A. Opanuga, J.A. Gbadeyan; **H.I. Okagbue**; O.O. Agboola (2018). Hall current and suction/injection effects on the entropy generation of third grade fluid. *International Journal of Advanced and Applied Sciences*, 5(7), 108-115.
74. S.A. Bishop, **H.I. Okagbue**, P.E. Oguntunde, A.A. Opanuga, O.A. Odetunmibi (2018) Survey dataset on analysis of queues in some selected banks in Ogun State, Nigeria. *Data in Brief*, 19, 835–841.
75. **H.I. Okagbue**, A.A. Atayero, M.O. Adamu, S.A. Bishop, P.E. Oguntunde, A.A. Opanuga (2018). Exploration of editorial board composition, Citescore and percentiles of Hindawi journals indexed in Scopus. *Data in Brief*, 19, 743-752.
76. D.O. Oba, O.J. Okunola, S.U. Oranusi, **H.I. Okagbue** (2018) Data on microbial and physicochemical assessment of mixed fruit wine produced from physically damaged fruits. *Data in Brief*, 19, 678-686.
77. **H.I. Okagbue**, A.A. Atayero, M.O. Adamu, P.E. Oguntunde, A.A. Opanuga, S.A. Bishop (2018). Dataset and analysis of editorial board composition of 165 Hindawi journals indexed and abstracted in PubMed based on affiliations. *Data in Brief*, 19, 520-525.
78. P.I. Adamu, P.E. Oguntunde, **H.I. Okagbue**, O.O. Agboola (2018). Statistical data analysis of cancer incidences in insurgency affected states in Nigeria. *Data in Brief*, 18, 2029-2046.
79. A.A. Opanuga, J.A. Gbadeyan, O.O. Agboola, **H.I. Okagbue** (2018). Effect of Suction/Injection on the Entropy Generation of Third Grade Fluid with Convective Cooling. *Defect and Diffusion Forum*, 384, 21-30,

80. P.E. Oguntunde, **H.I. Okagbue**, P.I. Adamu, O.A. Oguntunde, S.J. Oluwatunde, A.A. Opanuga (2018). Statistical analysis of bank deposits dataset. *Data in Brief*, 18, 864-872.
81. P.I. Adamu, M.O. Adamu, **H.I. Okagbue** (2018). Data in support of high rate of pregnancy related deaths in Maiduguri, Borno State, Northeast Nigeria. *Data in Brief*, 18, 409-414.
82. L.M Amusan, A Afolabi, R Ojelabi, I. Omuh, **H.I. Okagbue** (2018). Data exploration on factors that influences construction cost and time performance on construction project sites. *Data in Brief*, 17, 1320-1325.
83. **H.I. Okagbue**, A.A. Atayero, M.O. Adamu, A.A. Opanuga, P.E. Oguntunde, S.A. Bishop (2018) Dataset on statistical analysis of editorial board composition of Hindawi journals indexed in Emerging sources citation index, *Data in Brief*, 17, 1041-1055.
84. O.T. Kayode, **H.I. Okagbue**, J.A. Achuka (2018) Water quality assessment for groundwater around a municipal waste dumpsite. *Data in Brief*, 17, 579-587.
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- 180.A. A. Opanuga, E.A. Owoloko, **H. I. Okagbue**, O.O. Agboola, "Finite Difference Method and Laplace Transform for Boundary Value Problems," *Lecture Notes in Engineering and Computer Science: Proceedings of The World Congress on Engineering 2017*, 5-7 July, 2017, London, U.K., pp. 65-69.
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- 182.A. A. Opanuga, **H.I. Okagbue**, O.O. Agboola, "Irreversibility Analysis of a Radiative MHD Poiseuille Flow through Porous Medium with Slip Condition," *Lecture Notes in Engineering and Computer Science: Proceedings of The World Congress on Engineering 2017*, 5-7 July, 2017, London, U.K., pp. 167-171.
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Book Chapters

- 184.A. A. Opanuga, O. O. Agboola, **H. I. Okagbue**, S. A. Bishop (2018). Convection Flow of MHD Couple Stress Fluid in Vertical Microchannel with Entropy Generation. In: Rojas, N.O. (eds), *Pattern Formation and Stability in Magnetohydrodynamics*, IntechOpen. DOI: <http://dx.doi.org/10.5772/intechopen.81123>.
- 185.**H.I. Okagbue**, O.O. Agboola, A.A. Opanuga, J.G. Oghonyon, P.E. Oguntunde (2019) Gumbel Distribution: Ordinary Differential Equations. In: Ao SI., Kim H., Amouzegar M. (eds) *Transactions on Engineering Technologies. WCECS 2017*. Springer, Singapore.
- 186.**H.I. Okagbue**, P.E. Oguntunde, P.E. Ugwoke, A.A. Opanuga, E.C. Erondy (2019) Exponentiated Generalized Exponential Distribution: Ordinary Differential Equations. In: Ao SI., Kim H., Amouzegar M. (eds) *Transactions on Engineering Technologies. WCECS 2017*. Springer, Singapore.
- 187.**H.I. Okagbue**, M.O. Adamu, A.A. Opanuga, J.G. Oghonyon, P.I. Adamu (2019) 3-Parameter Weibull Distribution: Ordinary Differential Equations. In: Ao SI., Kim H., Amouzegar M. (eds) *Transactions on Engineering Technologies. WCECS 2017*. Springer, Singapore.
- 188.**H.I. Okagbue**, M.O. Adamu, P.I. Adamu, S.A. Bishop, E.C. Erondy (2019) Half-Cauchy and Power Cauchy Distributions: Ordinary Differential Equations. In: Ao SI., Kim H., Amouzegar M. (eds) *Transactions on Engineering Technologies. WCECS 2017*. Springer, Singapore.

189. **H.I. Okagbue**, O.A. Odetunmibi, S.A. Bishop, P.E. Oguntunde, A.A. Opanuga (2019) Half-Normal Distribution: Ordinary Differential Equations. In: Ao SI., Kim H., Amouzegar M. (eds) Transactions on Engineering Technologies. WCECS 2017. Springer, Singapore.
190. A.A. Opanuga, **H.I. Okagbue**, O.O. Agboola, S.A. Bishop, P.E. Oguntunde, (2019) Semi-analytical Methods for Higher Order Boundary Value Problems. In: Ao SI., Gelman L., Kim H. (eds) Transactions on Engineering Technologies. WCE 2017. Springer, Singapore.
191. P.E. Oguntunde, A.O. Adejumo, M.A. Khaleel, E.A. Owoloko, **H.I. Okagbue**, A.A. Opanuga (2019). A Useful Extension of the Inverse Exponential Distribution. In: Ao SI., Gelman L., Kim H. (eds) Transactions on Engineering Technologies. WCE 2017. Springer, Singapore.

Project/Dissertation/Thesis

1. **Okagbue H. I.** (2019). *Quantile Approximation of Nakagami and Erlang Distributions Using Differential Evolution*. Ph.D Thesis, Covenant University, Ota, Nigeria.
Supervisors: Dr. M. O. Adamu & Dr. T. A. Anake.
2. **Okagbue H. I.** (2010). *Assessing Risk and Uncertainty Involved in Estimating the Expected Earnings of an Organization*: Masters Dissertation, University of Lagos, Akoka, Nigeria.
Supervisor: Prof. Ray O. Okafor.
3. **Okagbue, H. I.** (2006). *Real Life Applications of the Burnside Theorem*. Undergraduate Project, Federal University of Technology, Owerri, Owerri, Nigeria.
Supervisor: Dr. M. C. Obi.

Peer Recognition

Conferences attended

- The 13th Int-Gt International Conference on Mathematics, Statistics and their Applications, 4th-7th December 2017, Universiti Utara Malaysia, Sintok, Kedah, Malaysia.
- World Congress on Engineering and Computer Science, 25 – 27 October, San Francisco, 2017.
- World Congress on Engineering (WCE 2017), Imperial College London, July 5 - July 7, 2017, London, U.K.
- 36th Annual Conference of the Nigerian Mathematical Society: Federal University of Agriculture, Makurdi, Nigeria, May 2017.
- 2nd Covenant University International Conference and Roundtable on African Development Issues: Covenant University, Canaan Land, Ota, Nigeria, May 11-13, 2015.

Membership of Editorial Board of Journals

1. Member, Editorial Board, *Scientific African* (Elsevier, Scopus).

Reviewership

1. Current Science (Indian Academy of Sciences, Thomson Reuters) (2)
2. Springer Plus (Springer, Thomson Reuters) (2)
3. Data in Brief (Elsevier, Scopus, PubMed, Thomson Reuters) (2)
4. Pakistan Journal of Statistics (Thomson Reuters) (2)
5. Pakistan Journal of Statistics and Operations Research (Scopus, Thomson Reuters) (2)
6. Science of the Total Environment (Elsevier, Thomson Reuters) (1)
7. Communications in Statistics, Theory and Methods (Taylor and Francis, Thomson Reuters) (1)
8. Biological Trace Element, (Springer, Thomson Reuters) (1)
9. Open Access Macedonian Journal of Medical Sciences (Scopus, PubMed) (6)
10. BMC Cancer (Springer, Thomson Reuters) (1)
11. Applied Soft Computing (Elsevier, Thomson Reuters) (1)
12. Journal of Public Health (Springer, Scopus, PubMed) (1)
13. Mathematical Problems in Engineering (Hindawi, Thomson Reuters) (1)
14. Applied Ocean Research (Elsevier, Thomson Reuters) (1)
15. King Saud University Journal- Computer & Information Sciences (Elsevier, Thomson Reuters) (1)
16. SN Applied Sciences (Springer, Scopus) (6)
17. AEU International Journal of Electronics and Communication (Elsevier, Thomson Reuters) (1)
18. Artificial Intelligence in Medicine (Elsevier, Thomson Reuters) (1)
19. Heliyon (Elsevier, Thomson Reuters) (4)
20. Complexity (Hindawi, Thomson Reuters) (1)
21. Journal of International Migration and Integration (Springer, Thomson Reuters) (1)
22. Journal of Food Process Engineering (Wiley, Thomson Reuters) (1)
23. Computational Intelligence and Neuroscience (Hindawi, Thomson Reuters) (1)
24. BMC Medical Research Methodology (Springer, Scopus) (1)
25. Atmospheric Research (Elsevier, Impact Factor) (1)
26. Sage Open (SAGE, Impact Factor) (1)

Extracurricular Activities/Hobbies

Solving Sudoku and watching Wrestling.

Referees

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