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Associate Professor Queeneth Adesuwa KINGSLEY-OMOYIBO

Igbinedion University Okada, Okada Town, Edo State, Nigeria
College of Engineering, Department of Mechanical Engineering,
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Professional Summary

Experienced and dedicated Industrial/Production Engineering in Mechanical Engineering as an Associate Professor with over 10 years of expertise in teaching, research, and advanced studies in Industrial/Production Engineering. Proven track record in delivering high-quality education to undergraduate and Post graduate students, fostering a deep understanding of Ergonomics and safety, Scheduling & Sequencing, Logistics and Planning, Warehouse management systems, Maintenance and Project scheduling. Specializing in innovative research in Industry 5.0, renewable energy systems, and sustainable technologies, with numerous publications in respected journals. Passionate about mentoring students, Encouraging Girls to study Engineering, Teaching Industry Soft skills for final year students, developing course curricula, Representing COREN for accreditations as Team lead Industrial Engineering and A Professional Interviewer (PI) for COREN for upcoming Engineers and advancing knowledge in energy solutions for the future. A United Nations Industrial Development Organization (UNIDO) scholar. Travelled to different countries in the world to Present papers as Keynote speaker in: Al Manama Kingdom of Bahrain at Kingdom University Bahrain, Saudi Arabia at King Fahad University, UAE Dubai at Sustainable development goals summit, Abu Dhabi, Doha, Botswana International University of Science & Technology (BIUST) Palapye, Botswana. Presented a paper at the University of Namibia, Windhoek, Namibia. others are: Ghana, Kenya University of Nairobi, Angola, O'Breal Argentina, Bogota Columbia, Rabat Morocco, Ethiopia as keynote speaker At the Africa Union

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AU centre Higher Education Summit Addis Ababa, and as an ambassador at the Africa Union (AU), Kigali Uganda, Sierra Leone, Tanzania, Copper belt University Zambia, ASRIC Education summit in Egypt and Sudan.

Education

PhD, Industrial/Production Engineering, University of Benin, Benin City, Edo State, Nigeria, 2017

M.Eng.Industrial /Production Engineering, University of Benin, Benin City, Edo State, Nigeria, 2013

B. Eng. Petroleum Engineering, University of Benin, Benin City, Edo State, Nigeria, 2007

Experiences.

Associate Professor, 2023-2026, Igbinedion University Okada, Okada Town, Edo State Nigeria: Acting Head, Department of Mechanical Engineering, July, 2022- July, 2023, July 2023- July, 2024, July 2024- July 2025, July 2025- July 2026. Member of the University of Nigeria, Nsukka African Centre for Sustainable Energy and Development ACESPED and as Resource person for 5 years now. Member Intellectual Property Technology Transfer Office (IPTTO) Igbinedion University Okada Nigeria. Coordinator, student body Nigeria Society of Engineers (NSE) Igbinedion University Okada Nigeria.

- Coordinated the admission of 100 level mechanical engineering students, registration of all mechanical engineering students, teaching, examination and results of postgraduate students in Mechanical Engineering.
- Assisted the Dean, organized solely (as a sole sponsor) the training of staff of college of Engineering on Outcome Based Education (OBE), gave training certificates and training materials. gave name tags, Certificate of Participation and invited COREN Benin to the event in June 2023.It was a huge success.
- Managed the day to day running of the Department and ensured a conducive academic and work environment.
- Ensuring effective representation and collaboration with CUTIX plc Nnewi, Tower pots sagamu and Florson Industries Ogua, near Ekiadolor Benin City, and identifying new frontiers of research with Mechanical Engineering to broaden the horizon of knowledge in Igbinedion University Okada,Nigeria.
- Served as Examiner for COREN accreditations to: Afe Babalola University Ado-Ekiti (ABUAD), Nnamdi Azikiwe University Akwa (UNIZIK), Akwa Ibom State University (AKSU) Akwa Ibom,Uyo and Nile University Abuja .
- Taught undergraduate and postgraduate courses in Mechanical Engineering and bias in Industrial Engineering

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Senior Lecturer, 2020 - 2023, Igbinedion University Okada, Okada Town, Nigeria.

- Taught undergraduate and postgraduate courses in Mechanical Engineering and bias in Industrial Engineering.
- Taught undergraduate courses in 500 level both first and second semester in the College of Engineering.
- Coordinated the admission, registration, teaching, examination of postgraduate students as head of department.
- Participated in the undergraduate admission processes as the Head of department in the University Admissions Board.
- Conducted research and presented findings at conferences and in reputable journals in international conferences in 22 countries of the world including Botswana, Namibia, Uganda, Ghana, Kenya, Egypt, Morocco, Dubai, Qatar, Kingdom of Bahrain, Abu Dhabi, Doha, Ethiopia, Angola, Sierra Leone and so many others.
- Member of the University Endowment Committee
- Member of the University Research Committee
- Member and coordinator **PROPER DRESSING** and inspection monitoring team for college of Engineering.

Lecturer I, 2017-2020, Igbinedion University Okada, Nigeria.

- Taught undergraduate courses in the college of Engineering and Department of Mechanical engineering
- Grading student's assignments and examinations
- Conducted research and presented findings at academic conferences and in reputable journals and attended international trainings in different countries including Kingdom University Bahrain, Al Manama, Kingdom of Bahrain.
- Served in the University Transport Committee
- Served in the college of Engineering Industry-academia Committee, 2018- 2019.
- Served as Welfare office in department of mechanical Engineering
- Served as Representative in departmental Quality Assurance committee
- Course Adviser to 100 Level to 500 Level (2018-2022) Students.

WEB OF SCIENCE RESEARCHER ID: F-2012-2019

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INSTITUTIONAL EMAIL: queeneth.omoyibo@iuokada.edu.ng

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Current courses taught

Law and Management (GRE 501)

Engineering Statistics (MEE441)

Engineering communication (GRE 441)

Previous Courses taught

Technology, policy and development (ENS 411)

Engineer in society (E NS 311)

Engineering Metallurgy (MEE541)

Engineering management (GRE502)

Technical writing and communication (seminar presentation) (GET 304)

Postgraduate Teaching

Current

Post Graduate Diploma (PGD)

Engineering Mathematics (MEE701)

Engineering Mathematics (MEE702)

Master's degree (MEng)

Logistics Planning (MEE 844)

Scheduling, sequencing and inventory control (MEE841)

Entrepreneurship (MEE819)

Materials Management and manufacturing systems (MEE816)

Human Factors Engineering (MEE811)

Production Management (MEE812)

Management of Human Resources (MEE813)

Ergonomics and safety (MEE845)

Project planning and control (MEE848)

Work study and facility layout (MEE846)

Acoustics and machinery noise control (MEE 847)

Project Supervision

Research degree projects completed:

1. Khalil, Raif Joshua (2017) Using Waste heat for thermoelectric generation, to power portable Mobile devices, using response surface methodology (RSM) (unpublished), Igbinedion University Library, Edo State, Nigeria.
2. Ugwu, Maxwell Ogbonnaya (2018) Fabrication and assembling of a portable plantain slicing machine for ripe plantain (unpublished), Igbinedion University Library, Edo state Nigeria.
3. Oriaifo, Osolase Abhulimhen (2018) Fabrication and assembling of a portable plantain slicing machine (Unripe plantain) (unpublished), Igbinedion University Library, Edo state Nigeria.

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- 4.Oladapo, Taiwo Mubarak (2019/2020) Performance Evaluation of an indirect evaporative cooling system for preserving Tomatoes, Igbinedion University Library, Edo state Nigeria.
- 4. Stephen-Kevin, Paul (2019/2020) Performance Evaluation of an evaporative cooling system for preserving Oranges, A case study of Okada Town. Igbinedion University Library, Edo state Nigeria.
- 5.Kotobherayaziba, Napoleon Paul (2020/2021) Design and Fabrication of a Foot pressure machine to generate Electrical power. Igbinedion University Library, Edo state Nigeria.
- 6.Agbakahi, Ifeanyichukwu Joseph (2020/2021) Design and Fabrication of a Foot pressure machine to generate Electrical power, Igbinedion University Library, Edo state Nigeria.
- 7.Imoun, Gift Perelade (2021/2022) Investigating the thermal behavior of a Mild carbon steel under the influence of Gas Tungsten Arc Welding, Igbinedion University Library, Edo state Nigeria.
- 8.Oko Favour Okorie (2022/2023)
- 9. Kooffreh Essien Edem (2022/2023)
- 10.Odiase Daniel Itohanoghosa (2023/2024)
- 11. Egwu Isaac Ugbedeojio (2024/2025)
- 12. Simpa Uje Emmanuel (2025/2026)
- 13. Vicnuel Ngozichukwuka (2025/2026)
- 14. Ajemigbitse Peace (2025/2026)

Research Master's degree Thesis completed:

- 1.Ayebakuro, Roland Ebinyo (2020/2021)
Project Management and COVID 19: How to manage an extraordinary crisis, a case study of Council for regulation of Engineering in Nigeria.
- 2.Momoh Jimah (2022/2023)
Eradicating unsafe acts in Industries in Nigeria for Industrial health and Safety using multiple linear Regression, and Markov chain Model.
- 3.Orumwense Princewill Ighere Industrial/Maintenance Engineering (2023/2024)
- 4.Osa Paul Ovbokhan Industrial/Maintenance Engineering (2024/2025)
5. Tonwe Amatoritse Oshiomoshofu Industrial/Maintenance Engineering (2025/2026)
- 6.Uduboh Tennyson Industrial/Maintenance Engineering (2025/2026)
7. Orila Goodness Industrial/Maintenance Engineering (2026/2027)
8. Peremobowei Nanakumo Victor Industrial/Maintenance Engineering (2026/2027)

Research Doctor of Philosophy PhD. Degree Thesis completed

1. Ahmad Haruna Muhammad (2023/2024)

Publications:

- 1.Kingsley- Omoyibo, Q.A. and Osarenmwinda, J.O .(2017) Experimental Investigation of Gas flow Rate Effect on Mild Steel Plate for Weld Porosity Prevention at GTAW Process using Interactive Factor Plots. *International Journal of Engineering Trends and Technology (IJETT)* 48(8): 446 – 451. doi:10.14445/22315381/ijett-v48p277 issn-2231-5381

2. Kingsley-Omoyibo, Q.A. and Achebo, J.I. (2017) Genetic Algorithm for optimization using genealogy plots to investigate the influences of Head input ratio on Burn through (prevention at a GTAW process). *International Journal of Inventive Engineering and Sciences (IJIES)* 4(6): 6 - 10. <https://www.ijies.org/wp-content/uploads/papers/v4i6/F0754054617.pdf>
3. Kingsley – Omoyibo, Q.A (2019) Construction of a potato slicing machine for Irish potato (*Solanum tuberosum*) to eradicate damages to boost machine capacity. *International Journal of Mechanical Engineering (IJME)* 6(11) : 15 – 18 doi:10.14445/23488360/ijme-v6/11p103 ISSN-2348-8360
4. Kingsley – Omoyibo, Q.A (2020) Key strategies for transfer of practical Engineering Skills in Engineering Education in Nigeria, using Concurrent Triangulation Model. *International Journal of Scientific and Engineering Research (IJSER)* 11(5): 734-746.
5. Kingsley-Omoyibo, Q.A (2020) Optimization of percentage dilution in Butt welds to prevent weld porosity using response surface methodology. *International journal of innovative research and development (IJIRD)* 9(6):1-11. (IJIRD) 9(6):91-98 Doi:10.24940/ijird/2020/v9/i6/june20050
6. Kingsley-Omoyibo, Q.A (2020) Performance Evaluation of the application of Terotechnology in the University of Benin, Nigeria, Enterprise Table water factory, using Cronbach Alpha model. *International journal of science and Techno ledge (IJST)* 8(6): 1 – 11.
7. Kingsley-Omoyibo, Q.A (2020) Investigating the influence of weld penetration area to prevent excessive reinforcement at a Gas Tungsten arc welding using Taguchi model. *International journal of mechanical & production engineering research and development (IJMPERD)* 10(3):10049-10056. A **SCOPUS** INDEXED JOURNAL., (IJMERD) ISSN(P):2249-6890 ISSN(E):2249-8001 (C)TJPRC PVT.LTD
8. Kingsley-Omoyibo, Q.A (2020) Numerical study of weld penetration area effect on butt joints to prevent weld undercut at Gas Tungsten Arc Welding using Response Surface Methodology. *International Journal of Industrial research and advanced studies (IJIRAS)* 7(8):1-7.
- *9. Kingsley- Omoyibo, Q.A (2021) Project management and COVID -19 pandemic: Managing an extraordinary crisis, COREN, A case study. *International Journal of Industrial Research and Advanced Studies (IJIRAS)* 8(2):11-17.
- *10. Ihueze, C. C., Okoli, N.C., Onwurah, U.C., Okafor, C.E., **Kingsley-Omoyibo, Q.A** (2022) Modeling of creep responses of Plantain fibre reinforced HDPE (PFRH-DPE) for Elevated temperature applications. *Advanced industrial and Engineering Polymer research, Elsevier journal Manuscript Number: AIEPR-D-22-00023*
DOI:10.1016/j.aiepr.2022.06.001
- *11. Ihueze, C. C., Okoli, N.C., Onwurah, U.C., Okafor, C.E., **Kingsley-Omoyibo, Q.A** (2022) Artificial Intelligence optimization of quality characteristics of Miscanthus Fibre reinforced Polypropylene composites applying Taguchi robust design, Artificial Neural Network and

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Extreme Learning Machine. *Advanced Industrial and Engineering Polymer Research (AIEPR)*, *Elsevier journal*. DOI:10.1016/j.aiepr.2022.06.001

- *12. Ihueze, C. C., Okoli, N.C., Onwurah, U.C., Okafor,C.E., **Kingsley-Omoyibo, Q.A.** (2022) Impact of Entrepreneurship on the Economy of a country. *International Journal of Entrepreneurship Research Elsevier journal*.
- *13. **Kingsley - Omoyibo, Q.A** and Ihueze, C. C. (2022) Industry 4.0: A comparative analysis of advanced planning and scheduling manufacturing soft wares for implementation and adoption in connected factories. Published in *International journal of the IEEE Xplore*
- *14. Ihueze, C. C., Onwurah, U.O., Okafor,C.E., *Obuka,N.S, Okpala,C.C.*,**Kingsley-Omoyibo, Q.A.** (2022) Robust design, setting process and material parameters for electrical cable installation.(Cutix Wires and cables industries,Nnewi).**Elsevier journal**.
- 15. **Kingsley - Omoyibo, Q.A** (2019) Weld porosity control using diagnostic case statistics for percentage dilution in Gas tungsten arc welding process. *Nigerian Journal of Technology (NIJOTECH)* 38(1): 127-133. <https://dx.doi.org/10.4314/njt.v38i1.17> electronic ISSN:2467-8821 Print:ISSN:0331-8443
- 16. **Kingsley – Omoyibo, Q.A** (2020) Comparative Analysis of waste reduction methods for sustainable manufacturing systems using concurrent triangulation Model. *Nigerian Journal of Technology (NIJOTECH)*39(3):844–852 .<https://dx.doi.org/10.4314/njt.v39i3.17> electronic ISSN:2467-8821 Print:ISSN:0331-8443
- 17.**Kingsley – Omoyibo, Q.A** (2019) Intellectual Property Policy, A tool for harmonizing entrepreneurship and Innovations in Tertiary Institutions using chi-square. *National Association of Mathematical Physics (NAMPS) Volume 53 November issue: 179 – 184*
- 18. **Kingsley – Omoyibo, Q.A** (2019) Construction and performance evaluation of a damage efficient plantain slicer for ripe and unripe plantain. *National Association of Mathematical Physics (NAMPS) Volume 53 November issue: 185 – 196*
- 19. **Kingsley- Omoyibo, Q.A** and Akhimien, Faith Osarumwense (2020) Comprehensive Assessment of sanitary landfills for waste management and pollution control for sustainable manufacturing systems using concurrent triangulation model. *Journal of Applied Science and Environmental Management (JASEM), A University of Port Harcourt journal*, 24(9):1489-1494 DOI:10.4314/jasem.v24i9.28
- 20. **Kingsley- Omoyibo, Q.A** and Ayebakuro Roland Ebinyo (2021) Managing extraordinary crisis like COVID19 using six sigma project styles: Council for regulation of Engineering in Nigeria (COREN) Benin City, Edo state, a case study. *Journal of Applied Science and Environmental Management (JASEM), A University of Port Harcourt journal*, 25(9): 29-44 DOI:10.4314/jasem.v25i9.28

- 21.. **Kingsley- Omoyibo, Q.A** and Adeyemo Jacob Titilope (2022) Achieving the sustainable Development Goals using Entrepreneurship, Innovations and Investments: The Engineer as Key Drivers. *Nigerian Journal of Engineering Technology and Environment (NJETE), A University of Benin PUBLONS journal*, 4(2): 96-110.
<https://doi.org/10.377933/nipes/4.2.2022.9>
 22. **Kingsley – Omoyibo, Q.A** and Adeyemo, J.T (2022) Management of disruptions in Nigeria using scrum project management style: Project professionals as panaceas. *Journal of Nigerian Institution of Production Engineers* 2(3):56-67
 23. **Kingsley – Omoyibo, Q.A** (2022) Performance Evaluation of Technology Transfer and Intellectual Property Management activities in Nigerian Tertiary Institutions. . *Journal of Nigerian Institution of Production Engineers* 2(3):68-79
 - 24.. Abdulrahman Asipita.Salawu and **Kingsley-Omoyibo, Q.A.** (2022)The Role of Technical Vocational Educational Training in boosting the Educational sector of Nigeria economy:An Appraisal. *The Journal of Institution of Production Engineers*.Vol.26(3):pp.
 - 25.. Kingsley – Omoyibo, Q.A (2018) Performance Evaluation of thermoelectricity using low grade thermal energy converted to useable power to charge mobile devices using response surface methodology. *Nigerian Journal of Engineering Sciences and Research (NIJESR)* 1(1): 14-21.
 26. Kingsley – Omoyibo, Q.A (2019) Design and Fabrication of an improved continuous plantain slicing machine. *Nigerian Journal of Engineering Sciences and Research (NIJESR)* 3 (2) : 10-16
 - *27.Kingsley – Omoyibo, Q.A (2021) Achieving the appropriate measure of trade facilitation using intellectual property rights in engineering and trade facilitation for a sustainable global trade. *A University of Benin PUBLONS journal, Nigerian Journal of Professional Engineers and scientists (NIPES)* 1(1): 14-21 <https://doi.org/10.377933/nipes/1.1.2022.9>
 28. Kingsley – Omoyibo, Q.A (2021) Public private partnership (PPP), a veritable tool for a sustainable energy mix in subnational and municipal public infrastructure projects. *A University of Benin PUBLONS journal, Nigerian Journal of Professional Engineers and scientists(NIPES)*
<https://doi.org/10.377933/nipes/4.2.2022.9>
- BOOKS(2)**
29. Kingsley – Omoyibo, Q.A (2019) *Team work skills for Engineers book*, LAMBERT ACADEMIC PUBLISHING, 120 pages.
 30. Kingsley– Omoyibo, Q.A (2022) *Technology, Policy and Development book*, LAMBERT ACADEMIC PUBLISHING.90 pages.

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Presented Technical papers as SPEAKER:

1. Entrepreneurship and Intellectual Property: A way forward for tertiary Institutions in Africa (2019) **(SPEAKER)**. A paper delivered at second International Conference on Entrepreneurship, Innovation and Investment role of Education and Universities 12-13 November, 2019 ART Rotana Hotel, Amwaj Islands, Kingdom of Bahrain, middle East. **Fully sponsored** trip to Kingdom of Bahrain by United Nations Industrial Development Organization (UNIDO) and Kingdom University, **Al Manama, KINGDOM OF BAHRAIN.**

Referees

Engr. Prof. Joseph Achebo

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+2348035534521

Engr. Prof. Godwin .C. Ovuworie

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I certify that all information stated in this resume is true and complete to the best of my knowledge.
I humbly authorize the institution to verify the information provided.

ENGR.DR.MRS.QUEENETH ADESUWA KINGSLEY- OMOYIBO.

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Signature: Date: 25/10/2025.