

PERSONAL INFORMATION

Jude-Kennedy Chibuzo Jecco-Obi Obichere



Department of Mechatronics Engineering, Federal University of Technology,
P.M.B. 1526, Owerri, Nigeria.

9 Walter Terrace, Newcastle upon Tyne, NE4 5AQ, United Kingdom.

+234 803 782 6024 +234 803 782 6024

judekennedyobichere@yahoo.com | jude.obichere@futo.edu.ng

<https://scholar.google.com/citations?user=cX7R9bIAAAAJ&hl=en>

WhatsApp +234 803 782 6024

Sex Male | Date of birth 12/01/1967 | Nationality Nigeria | Marital Status Married

Summary of Qualifications and Skills

- Over 15 years of experience in teaching, research, and practical applications of **Electrical and Electronic Engineering** principles, focusing on renewable energy, power systems, and instrumentation.
- Advanced knowledge of **Electrical Engineering**, with hands-on experience in workshop-based training and curriculum development for Level 2/3 programmes.
- Proficient in developing innovative solutions for **Renewable Energy Systems** and conducting **hands-on practical demonstrations**.
- Skilled in mentoring and supervising students, with a passion for passing on knowledge to the next generation of engineers.
- Excellent problem-solving and communication skills, with a strong commitment to safety and quality in technical education.

Education and Academic Qualifications

- PhD in Electrical/Electronic Engineering (Power Systems Control & Renewable Energy)**
University of Northumbria, Newcastle, United Kingdom (2016)
Thesis: "Model Reference Adaptive Control of Doubly Fed Reluctance Generators for Wind Power Applications"
- Master of Engineering (MEng) in Electrical/Electronic Engineering (Power Option)**
University of Port Harcourt, Nigeria (2004)
- Bachelor of Engineering (BEng) in Electrical/Electronic Engineering**
University of Port Harcourt, Nigeria (1992)
- West African School Certificate (WASC)**
Obube Secondary School, Ulakwo, Owerri North, Nigeria (1985)

Professional Experience

Federal University of Technology, Owerri, Nigeria

Associate Professor (Reader) in Electrical Engineering (2023 – Present)

- Delivered lectures and hands-on training in **Power Systems, Electrical Machines, and Instrumentation & Control**.
- Mentored undergraduate and postgraduate students, focusing on renewable energy projects.

Senior Lecturer (2017 – 2023)

- Taught Power Systems, Instrumentation & Control, Electrical/Electronic Engineering, Mechatronics Engineering, Oil/Gas and BioMedical Engineering Courses/Modules and supervised Undergraduate and Postgraduate projects/thesis work.
- Performed guardians and course advisor to students.
- Assessed and evaluated students/trainees in mechanical and electrical engineering disciplines.
- Developed and implement training programs tailored to individual students' needs.
- Utilized industry-standard assessment techniques to ensure students meet national qualification standards.

Lecturer II - I (2008 – 2017)

- Taught undergraduate courses/modules on Introduction to Electrical/Electronic Engineering, Electrical Installation and Maintenance, Electrical Standards & Practices, Basic Electronics, Electrical Circuit Theory, Signals & Systems, Electromechanical Devices, Electromagnetic Theory, Control Engineering, Sensors and Actuators etc.
- Provided constructive feedback and support to students to facilitate their professional growth.
- Conducted workplace visits to observe and assess practical skills in real-world settings.
- Maintained accurate records of students' progress and assessment results.

*University of Northumbria, Newcastle, UK***Associate Lecturer/Demonstrator/Researcher (Dec 2012 – March 2016)**

- Conducted research and delivered lectures on **Renewable Energy Technologies and Electrical Machines**.
- Designed and implemented hands-on workshops for undergraduate engineering students.
- Taught undergraduate Electrical/Electronic Engineering Courses/Modules and Practical demonstrations.

*Read Well Services Ltd, Aberdeen, Scotland & Port Harcourt, Nigeria***Field Engineer (Sept 2007 – Oct 2012)**

- Conducted installation, maintenance, and training on **renewable energy technologies and energy-efficient systems**.

Professional Certifications

- **Level 3 Solar Photovoltaic Systems Certification** (European Energy Centre, University of London)
- **Galileo Master Certificate in Renewable Energy Management & Finance** (Edinburgh Napier University, Scotland)
- **Energy Efficiency in Buildings Certification** (Edinburgh Napier University)

- **Wind Power Systems Certification** (Edinburgh Napier University)
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Memberships and Affiliations

- Member, **Institution of Engineering and Technology (IET)**
 - Member, **Nigerian Society of Engineers (NSE)**
 - Member, **IEEE Power & Energy Society**
 - Fellow, **Institute of Management Consultants (FIMC)**
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Languages

- **English:** Fluent (spoken and written)
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Relevant Projects and Achievements

- Developed advanced control algorithms for wind generators, improving operational efficiency in renewable energy systems.
 - Designed and conducted feasibility studies on **solar photovoltaic systems** for rural electrification.
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Referees

Available upon request.
