



RILWAN OLAOLU OLIYIDE

LECTURER/POWER SYSTEM & RENEWABLE ENERGY EXPERT

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Dynamic Lecturer with over 20 years of successful Electrical/Electronic Engineering teaching experience. Expert in leveraging in-depth knowledge and adapting presentations to reach students of diverse backgrounds. A great personable demeanor having strong work ethic and known for interesting lectures with helpful supporting materials and detail-oriented classroom management. Dedicated to safeguarding, comprehensive understanding, and success of students.

EXPERIENCE

APRIL 2002 -
CURRENT

LECTURER, MOSHOOD ABIOLA POLYTECHNIC, ABEOKUTA, NIGERIA

Deliver lectures, seminars, and tutorials. Assess students' coursework. Support students through mentorship and advisory role. Set and mark examinations for students. Supervise students' projects. Carry out research projects and actively contribute to the Institution's research profile. Participate in conferences and professional development opportunities to stay up-to-date with latest trends in the profession. Carry out administrative tasks relating to the Department. Cooperate and collaborate with faculty and staff to create meaningful learning experiences. Led the Department of Electrical/Electronic Engineering successfully for one and a half terms before going on study leave.

JAN 2017 -
JAN 2019

PROFESSOR'S AIDE, CARDIFF UNIVERSITY, CARDIFF, UNITED KINGDOM

Taking undergraduates tutorials. Supervising experiments and laboratory works. Mentoring undergraduates and suggesting advice on their researches. Providing feedback on undergraduates' progress.

EDUCATION

JAN 2015 -
JUNE 2019

PHD: RENEWABLE ENERGY AND ELECTRIC VEHICLES, CARDIFF UNIVERSITY, UK

Active member of the Centre for Integrated Renewable Energy Generation and Supply (CIREGS)

MAY 2004 -
NOV 2006

MSC: ELECTRICAL/ELECTRONIC ENGINEERING, UNIVERSITY OF LAGOS, NIGERIA

JUN 1995 -
MAY 2000

BACHELOR OF ENGINEERING: ELECTRICAL ENGINEERING, UNIVERSITY OF ILORIN, NIGERIA

2nd Class Upper

JULY 1992 -
JULY 1994

NATIONAL DIPLOMA: ELECTRICAL/ELECTRONIC ENGINEERING, OGUN STATE POLYTECHNIC, ABEOKUTA, NIGERIA

Upper Credit

SEPT 1986 -
JUN 1992

SENIOR SECONDARY SCHOOL CERTIFICATE: AFRICAN CHURCH GRAMMAR SCHOOL, ABEOKUTA, NIGERIA

Nine O Level subjects (grades A - C) including Maths, English Lan., Physics, Chemistry and Biology

SKILLS

- Class Organisation
- Student Needs Assessments
- Student Research Guidance
- Course Development
- Online Content Delivery
- Student Counselling
- Academic Research
- Faculty Collaboration
- Excellent communication skills, both verbal and written
- ICDL Certified (<https://profile.icdlafrica.org/538f5596-4006-44cd-a660-0ac88d2c9611>)

ACTIVITIES

- Director, Centre for Research, Technology and Development (CRT&D), Moshood Abiola Polytechnic, Abeokuta, Nigeria
- Chairman, Ethics and Miscellaneous Committee of Moshood Abiola Polytechnic, Abeokuta, Nigeria
- Editorial Board Member, Journal of Women in Technical Education and Employment (JOWITED), The Federal Polytechnic Ilaro Chapter
- Reviewer, IET Renewable Power Generation

AWARDS & RECOGNITION

- Named as the 2014 Lecturer with outstanding performance whose impact permeates both Moshood Abiola Polytechnic and Ogun State
- Best National Diploma Graduate of the Department of Electrical/Electronic Engineering, Ogun State Polytechnic, Abeokuta, at the 7th Graduation ceremony 1994

PROJECTS PARTICIPATION

- TETFund-sponsored Fabrication of Automatic Solar-powered Walk-through De-contamination Chamber
- EU FP7 - 619682 Project: **Multi-Agent Systems and Secured coupling of Telecom and Energy gRIDs for Next Generation smart grid services (MAS2TERING)** - Deliverable 6.1: Detailed Use Cases Scenarios

PUBLICATIONS

- Odedeji, A.D., Oliyide, R.O., Adenekan, O.A. & Odunmbaku, O.L. (2023). Strengthening the Link in Science, Technology, and Management for National Development. In *Proceedings of the 2nd National Conference of Abraham Adesanya Polytechnic (ASUP), (AAP), Ijebu Igbo, Ogun State*.
- Oliyide, R.O. and Cipcigan, L.M. (2023). Adaptive Thermal Model for Loading of Transformers in Low Carbon Electricity Distribution Networks. *Scientific African, Elsevier B.V.* doi: 10.1016/j.sciaf.2023.e01683
- Oliyide, R.O. and Cipcigan, L.M. (2022). Dispatch model for analysing the impacts of electric vehicles charging patterns on power system scheduling, grid emissions intensity, and emissions abatement costs. *International Multidisciplinary Research Journal*, vol. 12, July 2022, pp. 4-13, doi: 10.25081/imrj.2022.v12.7544.
- Odedeji, A.D., Apampa, O.A., Oliyide, R.O. & Adenekan, O.A. (2022). Technical Education and Innovation: Trajectory for Sustainable National Development in the face of Contemporary Global Challenges. In *Proceedings of the 3rd International Conference of the Academic Staff Union of Polytechnics (ASUP), Osun State Polytechnic (OSPOLY), Iree Chapter*.
- Oliyide, R.O. and Cipcigan, L.M. (2021). The Impacts of Electric Vehicles and Heat Pumps Load Profiles on Low Voltage Distribution Networks in Great Britain by 2050. *International Multidisciplinary Research Journal*, vol. 11, Dec. 2021, pp. 30-45, doi: 10.25081/imrj.2021.v11.7308.
- Oliyide, R.O. and Cipcigan, L.M. (2021). Management of Charging Load of Electric Vehicles for Optimal Capacity Utilisation of Distribution Transformers. *Journal of Power and Energy Engineering*, 9, pp. 60-79. doi: 10.4236/jpee.2021.911004.
- Oliyide, R.O., Marmaras, C., Fasina, E.T., & Cipcigan L.M. (2017). Low Carbon technologies integration in smart low voltage network. In *Proceedings – 2017 IEEE 15th International Conference on Industrial Informatics, INDIN 2017* (pp. 462-467). Institute of Electrical and Electronics Engineers Inc. <https://doi.org/10.1109/INDIN.2017.8104816>
- Fasina, E.T., Oliyide, R.O., & Cipcigan L.M. (2017). Localised energy systems in Nigerian power network. In *Proceedings – 2017 IEEE 15th International Conference on Industrial Informatics, INDIN 2017* (pp. 456-461). Institute of Electrical and Electronics Engineers Inc. <https://doi.org/10.1109/INDIN.2017.8104815>
- Oliyide, R.O., Marmaras, C., Xydias, E., & Cipcigan L.M. (2015). Estimating the true GHG emissions reduction due to electric vehicles integration. In *Proceedings of the Universities Power Engineering Conference (Vol. 2015-November)*. IEEE Computer Society. <https://doi.org/10.1109/UPEC.2015.7339804>