

Dr Nicholas O. Oye

CURRICULUM VITAE

Profession/Occupation: Lecturer

Accumulated experience: 10 Years

Nationality: Kenyan

Email: noyie@mut.ac.ke

Membership in Professional Societies: Engineers Board of Kenya

Key Qualifications: PhD in Electronic Engineering
Master of Science in Telecommunication Engineering
Bachelor of Technology in Electrical and Communication Engineering

Professional skills: Telecommunication Engineering Design, Programming, Teaching, Research, Engineering Curriculum Development

Post Graduate Supervision: Supervision to completion: 1 MSc student
Ongoing supervision: 3 Msc students

Research Interest: Radio channel modeling, machine learning and artificial intelligence, Deep reinforcement learning and Monte Carlo Computational Methods, Cognitive Radio and Digital Signal Processing

Education:

Institution	Date/Mon/Yr	Event
University of KwaZulu-Natal	Sept., 20219	PhD in Electronics in Engineering
Jomo Kenyatta University of Agriculture and Technology	June, 2016	MSc. in Telecommunication Engineering
Masinde Muliro University of Science and Technology	Nov., 2009	Bachelor of Technology in Electrical and Communication Engineering

Appointments:

- Lecturer – May, 2020 to date
- Acting Chairman, Department of Electrical and Electronics Engineering – Dec., 2020 to date
- Postgraduate Coordinator for School of Engineering and Technology – Sept. 2020 – May 2021
- Online Learning Coordinator for School of Engineering and Technology – Sept. 2020 – Jan., 2021

Selected publications – Latest 5:

1. Mohamed K. Elmezughi, Thomas J. Afullo and Nicholas O. Oye, "Performance study of path loss models at 14, 18 and 22 GHz in an indoor corridor environment for wireless

communications", Africa Research Journal SAIEE vol. 112, pp. 32-45 (2021).

2. N. O. Oyie and T. J. O. Afullo, "Spatiotemporal Statistical Channel Model for Indoor Corridor at 14 GHz, 18 GHz, and 22 GHz Bands", Wireless Communications and Mobile Computing vol. 2018, Article ID 9656029 (10 pages).

3. N. O. Oyie and T. J. O. Afullo, "Measurements and Analysis of Large-Scale Path Loss Model at 14 and 22 GHz in Indoor Corridor", IEEE Access vol. 6, pp. 17205-17214 (2018).

4. N. O. Oyie, P. K. Langat and S. Musyoki, "Bandwidth Allocation Algorithm with User Mobility Dynamics in Femtocell Network", Communications, Acta Press vol. 3, pp 8-17 (2014).

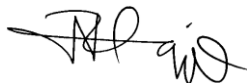
Research Grants and Consortiums involvement

Hobbies:

Travelling and listening to music

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this biodata correctly describes me, my qualifications and my experience.



Signature

Date: 22/08/2021
Day/Month/Year