

NAME Prof. Livingstone M.H.NGOO

CURRICULUM VITAE

Profession/Occupation: PROFESSIONAL ELECTRICAL ENGINEER/ ASSOCIATE PROFESSOR

Accumulated experience: OVER 35 YEARS

Nationality: KENYAN

Email: livingngoo@gmail.com

Membership in Professional Societies: EBK, IEK

Key Qualifications: Doctor of Engineering in power systems, Msc Control engineering and Msc in Electrification of Agriculture

Professional skills: Registered Electrical Engineer, Engineering Educator

Post Graduate Supervision: Supervised over 5phd to completion and over 10Msc to completion

Professional Strengths: Design and supervisor of Electrical works, Installation of Generators and solar power in homes and institutions

Education:

Institution	Date/Mon/Yr	Event/Certificate awarded
Harbin Institute of Technology, China	7/4/2002	Doctor of Engineering
University of Regina, Canada	27/5/1994	Master of science in control Engineering
Moscow Agro-Engineering University, Russia	25/6/1986	Master of science in Electrification of Agriculture

Appointments: Chairman County Education Board Taita Taveta county, Director postgraduate Studies MMU, Director and treasurer Greenspan Estate Phase 5.

- 1. Selected publications** – Demesew Mitiku Teferra, **Livingstone Ngoo.**, “Improving the Voltage Quality and Power Transfer Capability of Transmission System Using FACTS Controller” *International Journal of Energy and Power Engineering*. Vol. 10, No. 1, 2021, pp. 10-19.
- Karobia Pauline N, **Livingstone M. Ngoo** & Muriuki James., Embedded Power System Monitoring Of Illegal Power Connections In Kenyan Domestic Supply., **2020 IEEE PES/IAS Power Africa**.
- Nibaruta Regis, Christopher Maina Muriithi, **Livingstone Ngoo.**, ”Energy Flow for small scale Grid Tied Photovoltaic System under Net-Metering”. *International Journal of scientific & Technological Research* Volume 8, Issue 10, October 2019 pp. 1589-1595
- Nibaruta Regis, Christopher Maina Muriithi, **Livingstone Ngoo.**, ” Optimal Battery Sizing of a Grid Connected Residential Photovoltaic System for Cost Minimization Using PSO Algorithm”. , *Engineering, Technology & applied Research* Vol.9, No.6, 2019 pp. 4905-4911.

5. Malado Diallo , **Livingstone Ngoo**, Michael Saulo, and Benaissa Bekkouche.,” Optimal Sizing of Grid-Tied Solar PV for Transmission Congestion Management in a Deregulated System using Locational Marginal Price Analysis”., International Journal of Applied Engineering Research ISSN 0973-4562 Volume 14, Number 17 (2019) pp. 3598-3609

Research Grants and Consortiums involvement: Design of exercise Machine for charging Mobile phones. Design of equipment for value addition in coconut waste. Design of Ultraviolet equipment for annihilating Pests in stored grains.

Hobbies: ENERGY AND WATER CONSERVATION, READING, MOVIES AND 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: 10/08/2021

Day/Month/Year