



THE TECHNICAL UNIVERSITY OF KENYA

Haile Selassie Avenue, P.O. Box 52428, Nairobi, 00200, Tel +254(020) 343672, 2249974, 2251300, 341639

Fax 2219689, Email: vc@tukenya.ac.ke, Website: www.tukenya.ac.ke

NAME: DR MOSES MBURU MAINA

Faculty:	Applied Sciences and Technology
School:	CHEMISTRY AND MATERIAL SCIENCE
Department:	MATERIAL SCIENCE AND TECHNOLOGY
Current Designation:	Lecturer, MATERIAL SCIENCE AND TECHNOLOGY(DMST)
Office Telephone:	+254(020) 2219929, 3341639, 3343672
Official Email:	moses.maina@tukenya.ac.ke
Consultation Hours:	8AM-5PM MON - FRI



EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	CHEMICAL ENGINEERING	NATIONAL TAIWAN UNIVERSITY OF SCIENCE AND TECHNOLOGY(Taiwan)	2022
Masters of Science (M.Sc.)	CHEMICAL ENGINEERING	NATIONAL TAIWAN UNIVERSITY OF SCIENCE AND TECHNOLOGY(Taiwan)	2019
Bachelor of Technology (B.Tech)	APPLIED CHEMISTRY (INDUSTRIAL OPTION)	TECHNICAL UNIVERSITY OF MOMBASA(Kenya)	2016
O level/Equivalent	KENYA CERTIFICATE OF SECONDARY EDUCATION	MUTHITHI SECONDARY SCHOOL(Kenya)	2010

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
May-2023 - To Date	Technical University of Kenya	Full-time Lecturer
Sep-2022 - To Date	Machakos University	Part-time Lecturer

SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION	YEAR
Highly Stable Single-Walled Carbon Nanotube Sorting by Low Molecular Weight Conjugated Polymer with Hydrogen-Bonded Polyisoprene	View online	2022
Conjugated Polymer-Wrapped Single-Wall Carbon Nanotubes for High-Mobility Photonic/Electrical Fully Modulated Synaptic Transistor	View online	2021
The Impacts of Polyisoprene Physical Interactions on Sorting of Single-Wall Carbon Nanotubes	View online	2021
Design of Self-Cross-Linkable Poly(n-butyl acrylate)- copoly[N-(hydroxymethyl)acrylamide] Amphiphilic Copolymers toward Elastic and Self-Healing Properties	View online	2020