



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: MR GEORGE OWUOR OKONJI

Current Designation:	Senior Technician, SCHOOL OF CHEMISTRY AND MATERIAL SCIENCE (SCMS)
Office Telephone:	+254786126850
Official Email:	george.okonji@tukenya.ac.ke
Consultation Hours:	8AM-5PM MON - FRI



EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Masters of Science (M.Sc.)	ANALYTICAL CHEMISTRY	MULTIMEDIA UNIVERSITY OF KENYA(Kenya)	2021
Bachelor of Technology (B.Tech)	INDUSTRIAL AND APPLIED CHEMISTRY	THE TECHNICAL UNIVERSITY OF KENYA(Kenya)	2017
Diploma	ANALYTICAL CHEMISTRY	KENYA POLYTECHNIC(Kenya)	2006
O level/Equivalent	KENYA CERTIFICATE OF SECONDARY EDUCATION	NDIRU MIXED SECONDARY SCHOOL(Kenya)	2002
KCPE/Equivalent	KENYA CERTIFICATE OF PRIMARY EDUCATION	SAVANI(Kenya)	1998

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
2022 - 2024	Multimedia University of Kenya	Assistant Lecturer
2022 - 2024	Technical University of Kenya	Assistant Lecturer
2011 - 2013	TUK	LAB TECHNICIAN
2011 - 2011	NERIX PHARMA LTD	QUALITY CONTOL ANALYST

COURSES TAUGHT

NAME	DESCRIPTION	PERIOD
Instrumentation and Control	Signal, Digital-to-Analog Converters (DAC), Analog-to-Digital Converters (ADC), Process Control Loops and Applications	September 2022 - December 2022
Reactor Design	Designing Batch and Continuous Reactors, Derivation of Batch and Continuous Reactor Equations for Equilibrium and non equilibrium reactions	September 2022 - December 2022
Analytical Instrumentation	Analytical Signal generation, Conversion (DAC & ADC), Transmission, Processing, Analysis and Interpretation	September 2022 - December 2022
Unit Operations	Principles and Equipments for Industrial Unit Operations; Distillation, Filtration, Crystallization, Sedimentation, Centrifugation, Hydrocyclones, Comminution, Segregation, Classification, Magnetic and Electrostatic Separation	September 2022 - December 2022
Optical Methods of Analysis	Polarimetry, Refractometry, Circular Dichroism Spectroscopy, Optical Rotatory Dispersion Spectroscopy	April 2023 - TO-DATE
Introduction to Industrial Chemistry	Industrial Chemical and Physical Processes, Raw Materials (Hydrosphere, Lithosphere, Biosphere and Atmosphere), BIC, BOC, Process Control Loops, Major Industries; Petroleum, Pharmaceuticals, Polymer, Agrochemicals et.c	January 2023 - April 2023
Environmental Impact Assessment	Environmental Impacts, measurement, analysis, alternatives, mitigation, Institutional and Legal framework, Impact Assessment Tools, scientific study baseline	January 2023 - April 2023

PROFESSIONAL AFFILIATIONS AND SOCIETIES

TITLE	INSTITUTION
MEMBER	THE KENYA CHEMICAL SOCIETY