




# 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 JACOB OCHIENG KITTINYA

Faculty:	ENGINEERING AND THE BUILT ENVIRONMENT
School:	CHEMICAL AND BIOLOGICAL SYSTEMS ENGINEERING
Department:	CHEMICAL AND PROCESS ENGINEERING
Current Designation:	Assistant Lecturer, CHEMICAL AND PROCESS ENGINEERING (DCPE)
Office Telephone:	+254(020) 2219929, 3341639, 3343672
Official Email:	jacob.kittinya@tukenya.ac.ke
Consultation Hours:	8AM-5PM MON - FRI



## EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Masters of Science (M.Sc.)	CHEMICAL ENGINEERING	TSHWANE UNIVERSITY OF TECHNOLOGY(South Africa)	2011
Bachelor of Science (BSc)	CHEMICAL ENGINEERING	MOI UNIVERSITY(Kenya)	1997
O level/Equivalent	KENYA CERTIFICATE OF SECONDARY EDUCATION	KISUMU DAY SECONDARY SCHOOL(Kenya)	1990
KCPE/Equivalent	KENYA CERTIFICATE OF PRIMARY EDUCATION	MANYATTA PRIMARY SCHOOL(Kenya)	1986

## WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
AUGST - OCT1996	KENYA PETROLEUM REFINERIES LTD (MSA)	ASSISTANT REFINERY TECHNOLOGIST
AUG 2003 - MAR 2007	UNITED NATIONS OFFICE FOR PROJECT SERVICES	ICT ASSISTANT
JAN 1998 - JULY 2003	TURKEY AFRICA LTD	SYSTEM ANALYST/PROGRAMMER
AUGUST 2013 - DEC 2014	(TUT) TSHWANE UNIVERSITY OF TECHNOLOGY	PART TIME LECTURER
2010 - 2011	TUT	TUTORIAL FELLOW
2009 - 2010	UNICEF(SOMALIA)	SENIOR ICT ASSISTANT
2007 - 2008	UNICEF KENYA	ICT ASSISTANT

**COURSES TAUGHT**

<b>NAME</b>	<b>DESCRIPTION</b>	<b>PERIOD</b>
HEAT TRANSFER	Heat Transfer	2016 - TO-DATE
CHEMICAL ENGINEERING DESIGN I & II	Chemical Engineering design	2018 - TO-DATE
BIOCHEMICAL ENGINEERING	Chemical reactions for biological system- with a specific focus on enzymatic reactions ( biocatalysis) for production of usefult products as well as for treatment of organic wastewater	2017 - TO-DATE
CHEMICAL PROCESS REACTOR ENGINEERING II	Design of Reactors using RTD method, Studying the effects of internal and external diffusional resistances and reaction kinetics on catalysts effectiveness	2018 - TO-DATE

**PROFESSIONAL AFFILIATIONS AND SOCIETIES**

<b>TITLE</b>	<b>INSTITUTION</b>
ENGINEER	ENGINEERING BOARD OF KENYA