



THE TECHNICAL UNIVERSITY OF KENYA

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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 PETROLEUM ENGINEERING
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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

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

NAME	DESCRIPTION	PERIOD
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

TITLE	INSTITUTION
ENGINEER	ENGINEERING BOARD OF KENYA