



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 PROCESS ENGINEERING (DCPE)	
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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
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

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