



THE TECHNICAL UNIVERSITY OF KENYA

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Faculty:	ENGINEERING AND THE BUILT ENVIRONMENT
School:	CHEMICAL AND BIOLOGICAL SYSTEMS ENGINEERING
Department:	CHEMICAL AND PROCESS ENGINEERING
Current Designation:	Lecturer, CHEMICAL AND PROCESS ENGINEERING (DCPE)
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Consultation Hours:	8AM-5PM MON - FRI



EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	CHEMICAL ENGINEERING	MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY(United States)	2013
Bachelor of Science (BSc)	CHEMISTRY/MATHEMATICS	UNIVERSITY OF NAIROBI(Kenya)	2004
O level/Equivalent	Kenya Certificate of Secondary Education	Kanga High School(Kenya)	1997

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
2013 - 2015	THE TECHNICAL UNIVERSITY OF KENYA	LECTURER
2008 - 2013	MISSOURI S&T	GRADUATE TEACHING ASSISTANT
2004 - 2008	MBITA HIGH SCHOOL	TEACHER

GENERAL STATEMENT ON RESEARCH AREAS

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CURRENT RESEARCH PROJECTS

Ph.D dissertation: ' HEAT TRANSFER AND BUBBLE DYNAMICS IN BUBBLE AND SLURRY BUBBLE COLUMNS WITH INTERNALS FOR FISCHER-TROPSCH SYNTHESIS OF CLEAN ALTERNATIVE FUELS'	CHEMICAL ENGINEERING
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SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION	YEAR
Moses odongo o. kagumba 'heat transfer and bubble dynamics in bubble and slurry bubble columns with internals for fischer-tropsch synthesis of clean alternative fuels' Ph.D Thesis, missouri university of science and technology;rolla, missouri,USA 2013	View online	
M.O KAGUMBA,Y.ABDULAZIZ AND M.H.AL-DAHMAN,'Effect of internals and solids loading on bubble dynamics in slurry bubble columns;,'	View online	

PROFESSIONAL AFFILIATIONS AND SOCIETIES

TITLE	INSTITUTION
MEMBER	AMERICAN INSTITUTE OF CHEMICAL ENGINEERS,(AIChE)