



# THE TECHNICAL UNIVERSITY OF KENYA

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Faculty:	ENGINEERING AND THE BUILT ENVIRONMENT
School:	MECHANICAL AND MANUFACTURING ENGINEERING
Department:	CHEMICAL AND PROCESS ENGINEERING
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## 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 SYNETHESIS OF CLEAN ALTERNATIVE FUELS'	CHEMICAL ENGINEERING
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## SELECTED PUBLICATIONS

TITLE	LINK TO PULICATION
Moses odongo o. kagumba 'heat transfer and bubble dynamics in bubble and slurry bubble columns with internals for fischer-tropsch synethsis of clean alternative fuels' Ph.D Thesis, missouri university of science and technology;rolla, missouri,USA 2013	
M.O KAGUMBA,Y.ABDULAZIZ AND M.H.AL-DAHMAN,'Effect of internals and solids loading on bubble dyanamics in slurry bubble columns;,'	conference proceeding publication in the AIChE A2012 annual meeting, Ocotober 28-November 2,David I.Lawrence Convetion Center,Pittsburgh PA,U.S.A

**PROFESSIONAL AFFILIATIONS AND SOCIETIES**

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