THE TECHNICAL UNIVERSITY OF KENYA

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Faculty:	ENGINEERING AND THE BUILT ENVIRONMENT	
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Faculty: School: Department: Current Designation: Office Telephone:	CHEMICAL AND BIOLOGICAL SYSTEMS ENGINEERING CHEMICAL AND PROCESS ENGINEERING	
School: Department: Current Designation:	CHEMICAL AND BIOLOGICAL SYSTEMS ENGINEERING CHEMICAL AND PROCESS ENGINEERING Senior Lecturer, CHEMICAL AND PROCESS ENGINEERING (DCPE)	



EDUCATION

NAME: DR BILHA ESHTON NKALA

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	Engineering.	UNIVERSITY of DAR ES SALAAM(Tanzania)	2012
Masters of Science (M.Sc.)	ENVIRONMENTAL ENGINEERING	UNIVERSITY of DAR ES SALAAM(Tanzania)	2006
Bachelor of Science (BSc)	CHEMICAL & PROCESS	UNIVERSITY of DAR ES SALAAM(Tanzania)	2003

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
Nov 2012 - Sept 2013	UNIVERSITY OF DAR ES SALAAM	LECTURER
Jan 2007 - October 2012	UNIVERSITY OF DAR ES SALAAM	Assistant Lecturer
March 2006 - Dec 2006	CW & WSP Danida	Researcher
16/09/2013	THE TECHNICAL UNIVERSITY OF KENYA	LECTURER

CURRENT RESEARCH PROJECTS

Biochemical Oxygen Demand(BOD) Reaction Kinematics and Mass Transfer in a Horizontal subsurface Flow Constructed wetland	Chemical and Mining Engineering.
Biodiesel Production From Vegetable Oils.	Chemical and Mining Engineering.

SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION YEAR
2013 Greenhouse gas emissions and energy balances of jatropha biodiesel as an alternative fuel in Tanzania Bomass and Energy xxx	<u>View online</u>
2012 Energy balances of molasses based bioethanol production in Tanzania.	<u>View online</u>
2012 Greenhouse gas emissions in production from fuel ethanol production using sugarcane molasses in Tanzania.	<u>View online</u>