



THE TECHNICAL UNIVERSITY OF KENYA

Haile Selassie Avenue, P.O. Box 52428, Nairobi, 00200, Tel +254(020) 343672, 2249974, 2251300, 341639

Fax 2219689, Email: vc@tukenya.ac.ke, Website: www.tukenya.ac.ke

NAME: MR ISHMAEL NYUNYA OBONYO

Current Designation:	Manager, INFORMATION SYSTEMS AND WEB MANAGEMENT
Office Telephone:	+254(020) 2219929, 3341639, 3343672
Official Email:	ishmael.obonyo@tukenya.ac.ke
Consultation Hours:	8AM - 5PM MON-FRI



EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Masters of Science (M.Sc.)	COMPUTATIONAL INTELLIGENCE	UNIVERSITY OF NAIROBI(Kenya)	2015
Bachelor of Science (BSc)	COMPUTER SCIENCE	MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY(Kenya)	2009
Short Course/ Training	SAS TRAINING	SAS INSTITUTE INC (Kenya)	2015
O level/Equivalent	KENYA CERTIFICATE OF SECONDARY EDUCATION	RATTA M SECONDARY SCHOOL (Kenya)	2003
KCPE/Equivalent	KENYA CERTIFICATE OF PRIMARY EDUCATION	RABONGI PRIMARY SCHOOL(Kenya)	1997

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
September 2016 - To date	Technical University of Kenya	Part-time Lecturer
December 2017 - To date	Technical University of Kenya	Senior Technologist, Information Systems and Management
Jan 2017 - Now	University of Nairobi	Part-time Lecturer
Aug 2009 - June 2012	Blue Eyes Limited	Web Developer
June 2012 - December 2017	The Technical University of Kenya	Technologist/ Webmaster
May 2009 - August 2009	Mundika Boys High School	Computer Specialist

GENERAL STATEMENT ON RESEARCH AREAS

Web design, web development, Systems Development, Business Intelligence, Data Mining

CURRENT RESEARCH PROJECTS

Open Source Implementation of Business Intelligence System in the Kenyan Universities: A Case of the Technical University of Kenya

Data Mining, Machine Learning, Business Intelligence

SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION	YEAR
University Data Analytics: A Case of the Technical University of Kenya	View online	
An Open Source Implementation of Business Intelligence Systems: A Case of the Technical University of Kenya	View online	2015
Exploring the limits of a base BART for multi-document summarization in the medical domain	View online	2022
Leveraging technology for health services continuity in times of COVID-19 pandemic: Patient follow-up, and mitigation of worse patient outcomes	View online	2021

COURSES TAUGHT

NAME	DESCRIPTION	PERIOD
Analytics and Business Intelligence	business intelligence techniques for discovery of actionable knowledge that adds business value;	Jan 2015 - April 2015