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 RICHARD GACHOKA WAIRAGU



Faculty:	Applied Sciences and Technology
School:	Computing and Information Technology
Department:	COMPUTER SCIENCE AND INFORMATICS
Current Designation:	Lecturer, DEPARTMENT OF COMPUTING AND INFORMATION TECHNOLOGIES
Office Telephone:	+254(020) 2219929, 3341639, 3343672
Official Email:	wairagu.richard@tukenya.ac.ke
Consultation Hours:	8AM-5PM MON - FRI

EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Masters of Science (M.Sc.)	Data Communication and Software Engineering	Makerere University(Uganda)	2010
Postgraduate Diploma	Computer Science	UNIVERSITY OF NAIROBI(Kenya)	2005
Postgraduate Diploma	EDUCATION	Egerton University(Kenya)	1999
Bachelor of Science (BSc)	BACHELOR OF SCIENCE	Jomo Kenyatta University of Agriculture and Technology(Kenya)	1994
A Level/Equivalent	KENYA ADVANCED CERTIFICATE OF EDUCATION	KAGUMO HIGH SCHOOL(Kenya)	1989
O level/Equivalent	KENYA CERTIFICATE OF EDUCATION	OTHAYA BOYS SEC.SCOOL(Kenya)	1987

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
2009 - To date	Technical University of Kenya	Lecturer
1999 - 2008	THE KENYA POLYTECHNIC	Lecturer

CURRENT RESEARCH PROJECTS

Extending LEACH ROUTING ALGORITHM IN WSN	WIRELESS SENSOR NETWORKS
Leveraging application of precision medicine and predictive analytics into kenya's healthcare system	Data Science
A Predictive model for enhanced monitoring and surveillance NCDs and health service delivery in developing countries. A case study of cancer surveillance in Kenya public Health Care System	Predictive Analytics

PROFESSIONAL AFFILIATIONS AND SOCIETIES

TITLE	INSTITUTION
Data Science and Machine Learn	MIT
HCIP STorage	HUAWEI
HCIP Artificial Intelligence	HUAWEI