



# THE TECHNICAL UNIVERSITY OF KENYA

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NAME: MISS ELIZABETH MWIKALI MULI

|                      |  |
|----------------------|--|
| Faculty:             | Applied Sciences and Technology                                |
| School:              | Computing and Information Technology                           |
| Department:          | COMPUTER COMMUNICATION AND NETWORKS                            |
| Current Designation: | Assistant Lecturer, COMPUTER COMMUNICATION AND NETWORKS (DCCN) |
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| Consultation Hours:  | 8.00am-5.00pm  |



## EDUCATION

| LEVEL                      | QUALIFICATION NAME                       | INSTITUTION                                   | YEAR |
|----------------------------|--|---|------|
| Masters of Science (M.Sc.) | COMPUTER SCIENCE                         | UNIVERSITY OF NAIROBI(Kenya)                  | 2014 |
| Bachelor of Science (BSc)  | COMPUTER SCIENCE                         | CATHOLIC UNIVERSITY OF EASTERN AFRICA (Kenya) | 2011 |
| Diploma                    | COMPUTER STUDIES                         | THE KENYA POLYTECHNIC(Kenya)                  | 2001 |
| O level/Equivalent         | KENYA CERTIFICATE OF SECONDARY EDUCATION | LIMURU GIRLS SCHOOL(Kenya)                    | 1998 |

## WORK EXPERIENCE

| PERIOD              | INSTITUTION                       | POSITION                     |
|---------------------|-----------------------------------|------------------------------|
| July 2015 - TO DATE | The Technical University of Kenya | Assistant Lecturer           |
| 2005 - July 2015    | THE TECHNICAL UNIVERSITY OF KENYA | NETWORK ADMINISTRATOR - SCIT |
| 2003 - 2004         | SOFTWARE DEVELOPMENT COMPANY      | PROGRAMMER                   |
| 2002 - 2002         | MINISTRY OF FINANCE AND PLANNING  | INTERN                       |

## GENERAL STATEMENT ON RESEARCH AREAS

Technology Enhanced Learning ICT4D- ICT for Agriculture and food security. KENET- E-readiness 2013 survey of Kenya Universities as a Research Assistant for Technical University of Kenya

## SELECTED PUBLICATIONS

| TITLE  | LINK TO PUBLICATION YEAR    |  |
|--|-----------------------------|--|
| Leveraging technology for health services continuity in times of COVID-19 pandemic: Patient follow-up, and mitigation of worse patient outcomes.   | <a href="#">View online</a> |  |
| Practical and Projects Based Learning for Internet of Things   | <a href="#">View online</a> |  |
| The impact of measures to curb COVID-19 on patient attendance at 10 hospitals in Machakos County, Kenya.   | <a href="#">View online</a> |  |
| E-Surveillance for Investigating Capacity of Health Systems to Detect and Control Infectious Diseases of Poverty: A Case of Kitui South Sub-County | <a href="#">View online</a> |  |
| Adoption of Self-Directed Learning - A Case Study of Kenya Jua Kali Sector   | <a href="#">View online</a> |  |
| Towards the Development of an Agent-based Model for Increased Access to Knowledge  | <a href="#">View online</a> |  |
| Adoption of Virtualization by Government Organizations in Kenya  | <a href="#">View online</a> |  |
| An Agent-based Self Study Centre Management System   | <a href="#">View online</a> |  |
| Internet of Things Learning Methodologies, Teaching Tools and Teaching Platforms   | <a href="#">View online</a> |  |