

# MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY

## SCHOOL OF ENGINEERING AND BUILT ENVIRONMENT



**Dean:** Dr. Eng. Bernadette W. Sabuni

Senior Lecturer, Department of Civil Structural Engineering.

Teaching: Theory of Structures, Strength of Materials, Structural Design (Structural Timber, Structural Concrete, Structural Steel)

### **Brief CV**

#### **EDUCATION/ACADEMIC QUALIFICATIONS**

PhD Disaster Preparedness and Engineering Management (2015), MMUST .

**PhD Thesis: Structural Response of Black Cotton Soils Treated with Lime Activated Sugar Cane Bagasse Ash for Engineering Applications.**

Master of Philosophy (Mphil) in Civil Engineering at the University of Glamorgan, Wales, U.K. (1992)  
Specialized in building materials and technologies.

**MPhil Thesis: Lime stabilized murram as a building material in Kenya.**

Bachelor of Science in Civil Engineering at the University of Nairobi, 1989.

#### **OTHER TRAINING**

Lead Quality Auditor Training, MMUST, 2011

## **WORK EXPERIENCE**

**2005 to 2013** Lecturer, Civil and Structural Engineering Department, Masinde Muliro University of Science and Technology. Teaching theory of structures and Strength of Materials.

**2013 – date** Senior Lecturer

**2003-2005** Research Fellow/Materials Engineer at Housing and Building Research Institute, University of Nairobi

**1994-2003** Chief Technologist / Materials Engineer at Housing and Building Research Institute.

**1989-1990** Assistant Engineer II – Nairobi City Council

## **OTHER RESPONSIBILITIES AT MMUST (2005 -2017)**

- Chairperson, department of Civil and Structural Engineering (2005-2008)
- Designed and supervised construction of Laboratory and Tuition Block (LBB) Phase II and Student Hostel (Hall 3)
- Team leader, MMUST Library construction. (2007-2009)
- Coordinator, Quality Assurance, (2008-2012)
- Director, Quality Assurance, (2013 – 2016)
- Ag. CoD, Department of Civil and Structural Engineering (2016 to date)

## **PROFESSIONAL AFFILIATIONS**

Member – Engineering Board of Kenya (A3010)

Member - Institution of Engineers of Kenya (M4630)

Member - Association of Disaster Management and Conflict Resolution of Kenya.

Lead Quality Auditor