

CURRICULUM VITAE

Name: Beatrice Nakhanu Shikuku
ID/No: 3463067
Date of Birth: 26th July 1957
Marital Status: Married with four children, six grandchildren
Telephone: 0721249654

EDUCATION:

Doctor of Philosophy (PhD) in Mathematics Education; Masinde Muliro University of Science and Technology, 2014.

Master of Science in Mathematics Education; Masinde Muliro University of Science and Technology, 2009.

Bachelor of Education (Science); Kenyatta University College, 1980.

Kenya Advanced Certificate of Secondary Education, Menengai High School, 1976

Kenya Certificate of Secondary Education, Lugulu Girls High School, 1974

Kenya Certificate of Primary Education, Kamusinga A. C. Primary School, 1970.

EMPLOYMENT:

Sept 1980 – Jun 1981	Employed by the TSC, and posted to Butere Girls High School.
Jun 1981 – Feb 1990	Transferred to Mumias Girls High School.
Feb 1990 – Dec 1992	Promoted to Headmistress, Bulimbo Girls High School
Dec 1992 – Dec 1999	Employed by Mumias Sugar Co. Ltd, as a mathematics and physics teacher in Booker Academy.
Jan 2000 – Dec 2004	Promoted to Principal Booker Academy, to take charge of the infant school, primary school, and secondary school.
Dec 2004	Took early retirement to pursue a masters' degree at Masinde Muliro University.
Jan 2010	Employed by Masinde Muliro University of Science and Technology, as assistant lecturer in Science and Mathematics department.
Sep 2013	Promoted to full lecturer at Masinde Muliro University of Science and Technology

Oct 2015 Appointed Coordinator Sulumeti/Kakamega Town Campus.
Aug 2018 Re Appointed Coordinator, Kakamega Town Campus.

TRAINING:

1982: Trained as a mathematics examiner, through the years moved up to Assistant Chief Examiner for KCSE mathematics in the country.
1990: Trained by Kenya Education Staff Institute, in 'Education Management for Head Teachers of secondary schools'.
1995: Trained by Joyell Computer Institute in 'Computer Appreciation'.
1998: Trained by Word Crunchers in 'Computer Workstation for Windows'.
1999: Trained by the Human Relations Institute of Kenya, in 'Drugs Counseling'.
2004: Trained by First African Consulting Consortium on 'Performance Management'.
2016 **The National Cohesion and Values Sensitization Workshop**
2018 **Transition Change and Impact Awareness Training for Implementers'**

STUDENT SUPERVISION

Michael Henry Mbalilwa

Thesis; Availability and use of Instructional Resources and Their Influence
on Secondary School Student Performance in Mathematics.
Kakamega Central Sub-County-Kenya. Graduated in **2017**

Emily Chepkorir Naibei

Thesis; Mathematics Teachers' Preparedness and their Effect on Learner
Acquisition of Basic Operationa Skills, in Kakamega Central
Primary Schools in Kenya. Graduated **2018**

Protus Wanjala Mukwabi

Thesis; Influence of Active Learning Techniques on Students' Attitude and
Achievement in Mathematics in Secondary Schools in Baringo
County-Kenya. Submitted for Examination in February 2021.

Moses Mukenya

Thesis; Influence Of Teacher Preparedness on the use of ICT in
Mathematics Instruction in Secondary Schools in Bungoma
County Kenya, Submitted for examination in February 2021.

THESIS EXAMINATION

Noah Wekesa (Master of Science in Biology Education)

Thesis; Project Based Learning on Student Performance in Concept of
Classification of organisms among secondary schools in Kenya.
Graduated in **2016**.

Alice Nabie (Master of Science in Biology Education)

Thesis; Mind Mapping Technique and its Effect on Achievement in Ecology
Concepts among Secondary School Students of Hamisi Sub-County
Kenya. Graduated in **2016**

Hesbone Omolo Otieno (Master of Science in Mathematics Education)

Thesis; Geogebra Instruction Software and its effect on Students
Performance in Mathematics in Secondary Schools of Kakamega
County-Kenya. Graduated in **2017**

Florence Munyerere Sikolia (Master of Science in Biology Education)

Thesis; Influence of SMASSE In-service Training on Secondary School
Biology Teachers' Instructional Practices in Kakamega North Sub-
County Kenya. Graduated in **2018**

Ronald Elumbe Mutange (Doctor of Philosophy in Mathematics Education)

Thesis; Problem Solving Technique Approach on Secondary School
Students Mathematics Achievement and Self Concept in
Commercial Arithmetic in Kenya. Graduated in **2019**

EXTRA CURRICULAR ACTIVITIES:

- Was part of the team that revised Mathematics books for secondary schools at Jomo Kenyatta Foundation in 1999.
- Was a resource person for KESI, and presented a paper on preparing candidates for KCSE mathematics in 2001.

- Represented Kenya at an international mathematics seminar in Utah USA in 2001.
- In 2002, was re-invited to Utah USA to present a paper on the teaching of mathematics, the classroom situation.
- **MMUSO Elections;** Has been taking part in MMUSO elections since 2013. By 2019, had risen to the rank of **Returning Officer**
- **SEDU PSSP COORDINATOR;** Has been coordinator since 2016.
- **MMUSTA;** Has been the **Patron** of Masinde Muliro University Student Teachers Association since 2014.
- **BOM CHAIR;** Has been the **BOM** Chair of **Ingotse** High School and **Ibinzo** Girls Secondary School, since 2018
- **FIRST PAN AFRICAN INTERNATIONAL RESEARCH CONGRESS;** I was a member of the organizing committee, and reviewer of Abstracts in 2017
- **WCTE;** I was chair of session during the World Conference on Transformative Education
- **GALA DINNER;** Led the hospitality team and successfully hosted the Gala dinner and awards in both **2016, and 2017.**

MODULE WRITING; Participated in the Module writing of ESM 104 in Busia in 2015

COMMON COURSES IN SME; Coordinates;

ESM 101, Quantitative Skills 1,

ESM 104, Quantitative Skills 2, and

ESM 311, Mathematics Education 3rd yrs.

TEACHING; Teaches;

ESM 101, Quantitative Skills 1,

ESM 104, Quantitative Skills 2, and

ESM 311, Mathematics Education 3rd yrs.

ESM 841 Mathematics Education Masters

ESM 820 Methods of Teaching mathematics

ESM 986 Mathematics Education PhD.

OTHER INFORMATION:

Her Master's Thesis looked into the effect of syllabus coverage on student performance in mathematics at KCSE level.

Her Phd research was to investigate secondary school students' performance, attitude development and acquisition of linear programming skills, in KCSE mathematics.

INTERENTAINMENT

She is also a golfer and most recent past Lady Captain at Kakamega Sports Club.

Currently the vice chair of the Kakamega Spots Club Management Committee, effective October 2020.

Revised in April 2021.