

Curriculum Vitae

Personal information

First name(s) / Surname(s)	Maximilla Mutenyo Makhanu
Address(es)	DEPARTMENT OF SCIENCE, TECHNOLOGY AND ENGINEERING, KIBABII UNIVERSITY P.O BOX 1699 - 50200, BUNGOMA. KENYA.
Telephone(s)	Mobile: +254727021543
E-mail	mutenyo98@gmail.com
Nationality	Kenyan
Date of birth	28.08.1974
Gender	Female
Desired employment / Occupational field	Lecturer

Work experience

Dates	January 2016 – to date
Position held	Tutorial Fellow at Kibabii University
Main activities	August 2012 – Dec 2014 Part time lecturer at Mt. Kenya University Teaching <ul style="list-style-type: none">• Introduction to Inorganic Chemistry• Atomic structure and chemical bonding• Introduction to analytical techniques and separation techniques
Dates	September 2011 –Dec 2011
Position held	Part time lecturer at Bondo University College
Main activities	Teaching <ul style="list-style-type: none">• Physical Chemistry
Dates	May 2010 – December 2010
Main activities	Part time lecturer at Kisii University College Teaching: <ul style="list-style-type: none">• Introduction to inorganic chemistry• Atomic structure and chemical bonding• Comparative study of S and P block elements
Name and address of employer	Kisii University College P.O BOX 408 – 40200 KISII.
Dates	August 2008 – to date
Position held	Lecturer Kisumu Polytechnic
Main activities	Teaching and supervision of students
Dates	September 2001 – August 2006
Position held	Graduate Teacher St. Pauls Ebusia Sec School
Dates	September 2006 – August 2008
Main activities	Student and researcher at Kenyatta University
Name and address of employer	Teachers Service Commission, P.O Private Bag, 00100, Nairobi, Kenya
Type of sector	Public

Education and training

Dates	May 2010 – date
Title of project	Currently pursuing a PhD degree at Kenyatta University, Chemistry Department 'SYNTHESIS OFDIAMMONIUM PHOSPHATE FERTILIZER USING BONE – PHOSPHATE ENRICHED PHOSPHORIC ACID AND AMMONIA FROM HYDROLYSIS OF LITIUM NITRIDE
Dates	August 2006 – December 2009
Title of qualification awarded	Msc (Chemistry)
Principal subjects/occupational skills covered	Thesis title 'An alternative method of preparing diammonium phosphate fertilizer

Name and type of organisation providing education and training: Kenyatta University

Level in national: Masters degree

Dates: July 1994 – Oct 1998

Title of qualification awarded: B.Ed (Science)

Principal subjects: Mathematics and Chemistry

Name of organization providing education and training: Kenyatta University

Level in national: Degree

Dates: January 1989 – November 1992

Title of qualification awarded: K.C.S.E

Level in national: O – LEVEL certificate

Research interests Alternative ways of fertilizer production

Personal skills and competences

Mother tongue(s) **Luyhia**

Other language(s)

Self-assessment
European level ()*

English

Kiswahili

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
Proficient user	Proficient user	Proficient user	Independent user	Proficient user	
Proficient user	Proficient user	Proficient user	Independent user	Independent user	

WORKSHOPS/SEMINARS/ CONFERENCES

Dates: August 2002,
Attended a KESI seminar for HOD's Guidance and Counselling Teachers at Lugulu Girls High School

Dates: April 2003, 2004, 2005 & 2006
Attended in-service course on Strengthening Mathematics and Science Education in Secondary Schools (SMASSE).

Date: November 2009
Attended a conference organized by Kenya Chemical Society at Reef Hotel, Mombasa and presented a paper entitled 'An alternative method of preparing diammonium phosphate fertilizer.

Dates: 3rd May – 6th May 2011
Attended a national conference organized by National Council For science and Technology and presented a paper entitled 'An alternative method of preparing diammonium phosphate fertilizer for greenhouse tomato production.

Computer skills and competences: Competent with most Microsoft office programmes acquired through work while pursuing Masters degree

Publications

Working on two papers for publication, see attached copy

Membership of professional associations

Kenya Chemical Society

Grant Awards

- National Council for Science and Technology; Project title – An alternative method of preparing diammonium phosphate fertilizer for greenhouse tomatoes. From Jan 2010 – Feb 2012.

**Additional information
Referees**

1. Dr. Evans Changamu
Lecturer, Kenyatta University
Chemistry Department
P.O BOX 43844, Nairobi, KENYA.
Tel : 0711852702
Email address: changamu.evans@ku.ac.ke
2. Dr. Dickson Andala
Chemistry Department
Multimedia University of Kenya