

CURRICULUM VITAE

FOR

ALICE WANJIKU WAHOME

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MARITAL STATUS: Married
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ACADEMIC AND PROFESSIONAL QUALIFICATIONS

2008 - 2013	Master of Science Engineering Systems and Management, Egerton University
2007	Pre- MSc. Engineering Systems & Management, Egerton University
2002 - 2004	Higher National Diploma in Electrical & Electronics Engineering, The Kenya Polytechnic
1997	Final Advanced Level Instructor Training, Kenya Technical Teachers College
1996	Part One Level Instructor Training, Kenya Technical Teachers College
1994	Advanced Telecommunication Technician Part III <ul style="list-style-type: none">• Advanced Radio Communication• Advanced Telecommunication Principles• Digital Elements and Switching Principles
1988 - 1990	Telecommunication Technician Part I and Part II, Kenya Institute of Mass Communication
1985 - 1986	KACE: 1 Principle & 3 Subsidiaries, Kabare Girls High School
1981 – 1984	KCE Division II, Gataragwa Secondary School

WORK EXPERIENCE:

2018 to Date

Department of Electrical and Information Technology,
University of Nairobi.

Position:

Chief Technologist

Duties:

- Participate in the departmental research and consultancy activities
- Assist the Chairman in departmental administrative matters including budgeting and procurement.
- Assist the chairman in coordinating all consultancy activities in the department.
- Guide and assist students in their practical exercises
- Preparation and availing of equipment for practical exercises undertaken in the department
- Supervise and co-ordinate the activities of the technical staff in the department
- Assist in the organization of student study tours and industrial visits in conjunction with lecturers
- In charge of departmental equipment in terms of maintenance, repair and calibration equipment in the department
- Undertake any other departmental duties assigned by the Chairman and the Principal Technologist

2010 – 2018

Department of Electrical and Information Technology,
University of Nairobi.

Position:

Senior Technologist

Duties:

- Guide and assist students in their practical exercises
- Preparation and availing of equipment for practical exercises undertaken in the department
- Supervise and co-ordinate the activities of the technologists in the department
- Assist in the organization of student study tours and industrial visits in conjunction with lecturers

- Maintenance and repair of the equipment in the department
- Participate in the departmental research and consultancy activities
- Any other departmental duties assigned by the Chairman and the principal Technologist

1997 – 2010

Institute of Nuclear Science and Technology, University of Nairobi

Position:

Technologist

Duties:

- Assisting students through practical sessions.
- Facilitating certificate courses in computer packages
- Assembling Computers
- Facilitating certificate courses in renewable energy
- Implementation of renewable energy projects.
- Repair and maintenance of
 - (i) Scientific equipment
 - (ii) Electronics equipment
 - (iii) Computers and printers

2013-2016

Technical University of Kenya

Position

Sessional Assistant Lecturer, Department of Electrical and Electronics Engineering

Duties

- Teach the assigned courses
- Assess students and provide continuous assessment feedback
- Supervise examinations for the assigned courses
- Mark students Examination scripts and submit completed mark sheet to the Departmental Chairman
- Submit a handing over report advising on the general performance in the delivery of the assigned courses and possible solutions.
- Perform any other duties of teaching as may be assigned by the Chairman of the Department.

2009 – 2012	Egerton University Department of Industrial and Energy Engineering.
Duties	Teaching of SSP Programmes
1991 – 1997	Kenya Institute of Mass Communication
Position:	Telecommunication Technician II
Duties:	<ul style="list-style-type: none"> • Assisting students during practical Sessions • Inducting new students • Maintenance and repair of Electronics and broadcasting equipment

PUBLICATIONS

1. Performance Characteristics of Blended Rice Bran Biodiesel in a Diesel Engine([http://www.ijesi.org/papers/Vol%202\(5\)/Version-3/F253541.pdf](http://www.ijesi.org/papers/Vol%202(5)/Version-3/F253541.pdf))
2. Alternative Diesel Engine Fuel From Kenyan Pishori Rice Bran ([http://www.ijesi.org/papers/Vol%202\(8\)Version-1/L0281075079.pdf](http://www.ijesi.org/papers/Vol%202(8)Version-1/L0281075079.pdf))

SEMINARS/ WORKSHOPS/OTHER TRAINING ATTENDED

2019	Trainer of trainers Workshop on Performance Appraisal
2013	International Conference on Innovations for Advancement of Humanity, Eldoret Polytechnic.
2012	Basic Fire Fighting Course St. John Ambulance, Nairobi Kenya.
2003	Workshop on Trouble shooting and Maintenance of TLD, Accra – Ghana.
2000	Workshop of Trouble shooting Maintenance and repairs of Analytical Instruments and Equipment in Universities and Industries, Department of Chemistry, University of Nairobi.
1999- 2000	Troubleshooting, Service and Repair of Nuclear Instrumentation, Electronics and Reactor Control, IAEA Laboratories, Vienna – Austria.

- 1988 Training on Maintenance and Servicing of Xerox photocopier Model 5025 and 5352, Xerox Company Ltd.
- 1997 IAEA Regional Training on Local Area Network, Institute of Nuclear Science, University of Nairobi.
- 1999 Surviving the “Year 2000” Computer Crisis, Institute of Nuclear Science and Technology, University of Nairobi.

REFEREES:

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