

DETAILED CURRICULUM VITAE FOR PROF. FRANKLIN WABWOBA

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DETAILED CURRICULUM VITAE

Prof. Franklin Wabwoba, PhD

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Kibabii University,
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P.O. Box 231-50205, Webuye.

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Personal Information

Nationality: Kenyan

Passport Status: Kenyan e-passport No. AK0356575 (Valid to 2nd May 2029)

Yellow fever vaccination: Valid to 15th November, 2024

Marital status: Married

Religion: Christian

Languages spoken: English, Kiswahili and Mother tongue

Home Area: Milo Village (Kenya)

<https://orcid.org/0000-0002-5026-7884>

Scopus Author ID: 55159755400

Key Skills possessed

I am a visionary, innovative, creative and result oriented leader with ability to initiate, implement, monitor and evaluate programmes who exemplifies high level of professionalism and ethics. I possess the following key skills:-

- (i) A confident, assertive and organized individual who has the ability to prioritize workloads to meet tight deadlines;
- (ii) A key motivator within a team setting and able to get colleagues to perform well above their average level;
- (iii) Problem solving by applying logical and lateral thinking to issues and then coming up with viable solutions;
- (iv) A team player with ability of building relationships across different levels and with people from all social or cultural backgrounds;
- (v) Process-orientated and always ensuring the right tasks are done by the right people at the right time;
- (vi) Adaptable by nature, flexible in opinions, yet firm and fair;
- (vii) A charismatic, pragmatic and trained strategic leader with good organizational and problem solving skills;
- (viii) A logical and evaluative decision maker with well-developed analytical skills;
- (ix) An enterprising, creative thinker with well-developed supervisory and management skills; and
- (x) Well-developed critical cross-disciplinary thinking.
- (xi) Developed skills to work in a multicultural and multi-ethnic environment while maintaining respect for diversity

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**Academic and
Professional
qualifications**

ACADEMIC CERTIFICATIONS

Period	Institution	Certificate awarded and year
2010-2013	Masinde Muliro University of Science and Technology Kakamega (Kenya)	PhD (Information Technology) Graduated in 2013
2003-2006	Kenyatta University (Kenya)	Master of Science (Computer Applications) Graduated in 2007
2000-2001	Institute of Health Care Administration (India)	Advanced Diploma In Human Resource Development Graduated in 2001 with a First Division with an average mark of 66.69%
1996-1997	University of South Africa (South Africa) (A Postgraduate enhancement certificate)	Postgraduate Endorsement (Education Management) Graduated in 1997 with an average mark of 70% Covered: Personnel Management, Education Foundations, School Management and Education Law
1988-1991	Egerton University (Kenya)	<u>Bachelor of Education (Science)</u> Graduated in 1992 with a second class Honours Covered: Education, Computer science and Mathematics courses
1985-1987	Musingu high School (Kenya)	<u>Kenya Advanced Certificate of Education ('A' level)</u> Obtained 3 Principles and 1 Subsidiary getting 14 points out of maximum of 19 points Mathematics "A", Physics "D", Biology "C" and general paper Subsidiary
1981-1984	Musingu high School (Kenya)	<u>Kenya Certificate of Education ('O' level)</u> Obtained division one with 19 points
1974-1980	Kaimosi Junior Primary School	<u>Certificate of Primary Education</u> Obtained 32 points out of maximum 36 points English "B", Mathematics "A" and General Paper "A"

**Professional
experience**

(a) Professional employment experience

Period	Employer	Institution
February 2012 to Date	Kibabii University Council	Kibabii University
November, 2007 to February, 2012	Masinde Murilo University of Science and Technology Council	Masinde Murilo University of Science and Technology
March, 2000 to November, 2007	Mumias Sugar Company	Booker Academy (Secondary Section)

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January, 1998 to March, 2000	Teachers Service Commission	Friends School, Kamusinga
January, 1992 to December, 1997	Teachers Service Commission	Eldoret National Polytechnic

(b) Professional career growth

Period	Employer	Professional career rank
September 2021 to Date	Kibabii University Council	Professor of Information Technology (The first in Kenya to attain the rank)
October 2016 to September 2021	Kibabii University Council	Associate Professor of Information Technology
July, 2013 to October, 2016	Kibabii University Council	Senior Lecturer in Information Technology
February 2012 to July, 2013	Kibabii University Council	Lecturer
January, 2010 to February, 2012	Masinde Murilo University of Science and Technology Council	Lecturer
November, 2007 to January, 2010	Masinde Murilo University of Science and Technology Council	Assistant lecturer
March, 2000 to November, 2007	Mumias Sugar Company	Manager (ICT teacher)
January, 1998 to March, 2000	Teachers Service Commission	Graduate Teacher
January, 1994 to December, 1997	Teachers Service Commission	Lecturer
January, 1992 to December, 1994	Teachers Service Commission	Assistant Lecturer

(c) Professional Administrative experience, leadership and management roles

Period and Position	Duties and Responsibilities
Acting Deputy Vice Chancellor (Academics and Students' Affairs) – Kibabii University reporting to the Vice Chancellor	<ul style="list-style-type: none"> (i). Head of the Division of Academics and Students Affairs; (ii). Carry out day to day activities in the Division of Academics and Students Affairs; (iii). Oversee the development and implementation of academic programmes and regulations; (iv). Chair Senate Committee meetings (v). Co-ordinate all academic programmes in the University and ensure that modern technology in programme delivery is enhanced;

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<p>June 2022 to July 2022</p> <p>October 2020 to January 2021</p>	<p>(vi). Co-ordinate the management of examinations, postgraduate studies, undergraduate studies and development of the library;</p> <p>(vii). Co-ordinate implementation of appropriate quality assurance and mechanisms and ensure that University programmes conform to the national and international standards, as well as legally recognized professional bodies;</p> <p>(viii). Co-ordinate student placement and welfare activities; and</p> <p>(ix). Perform such other duties as assigned or delegated by the Vice-Chancellor.</p>
<p>Director, Technical and Vocational Education and Training</p> <p>July, 2023 to date</p>	<p>(i). Being responsible for academic and/or administration of the Directorate;</p> <p>(ii). Preparing annual work plans, procurement plans and performance contracts for the Directorate;</p> <p>(iii). Chairing of Board of the Directorate;</p> <p>(iv). Developing reports to the vice chancellor on the directorate;</p> <p>(v). Developing and coordinating the implementation of the national skills training policy and strategy at the university;</p> <p>(vi). Enhancing quality and relevancy of training programmes</p> <p>(vii). Increasing access and equity in training;</p> <p>(viii). Collaborating and linking with the industry and other stakeholders;</p> <p>(ix). Promoting of structured applied research and innovation culture through the directorate;</p> <p>(x). Coordinating development of market driven curriculum; and</p> <p>(xi). Perform such other duties as assigned or delegated by the Vice-Chancellor.</p>
<p>Kibabii University Coordinator Skills for Digital Education for Kenyan Universities 2021-2022</p>	<p>(xii). Providing leadership and mentorship of the team from the university</p> <p>(xiii). Coordinating activities between the university and the Ministry of Education and the Open University (United Kingdom)</p> <p>(xiv). Develop online training materials in digital pedagogy</p>
<p>Dean, School of Computing and Informatics reporting to the Deputy Vice Chancellor</p>	<p>(i). The Academic and Administrative head of the Faculty/School in maintaining and promoting the efficient management of the Faculty/School.</p> <p>(ii). Articulate and implement the mission and objectives of the Faculty/School.</p> <p>(iii). Convene and Chair Faculty Board meetings.</p>

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<p>(Academic and Student Affairs) – Kibabii University</p> <p>October 2015 to date</p>	<ul style="list-style-type: none"> (iv). Represent the Faculty/School in the Deans Committee, Senate and other bodies within and outside the University as required. (v). Promote and maintain a conducive working environment in the Faculty/School. (vi). Plan and budget for the Faculty/School. (vii). Prepare the Faculty/School Reports. (viii). Develop and manage the academic programmes in the Faculty/School as required by Senate under various rules and regulations to ensure that acceptable standards of teaching and research are maintained. (ix). Providing leadership in the management of research to enhance high academic standards in the School/Faculty. (x). Promote adoption of innovative and modern systems for delivery of academic programmes including e-learning in the School/Faculty. (xi). Supervise academic and other staff of the Faculty/School. (xii). Make recommendations with respect to discipline, probation, advancement, and promotion of academic staff within the Faculty/School. (xiii). Promote proficiency in teaching and learning and advance the Faculty/School activities in research; innovation; collaboration; community and extension services. (xiv). Performing any other duties as may be assigned from time to time by the Deputy Vice Chancellor (Academics & Students' Affairs) on behalf of the Vice Chancellor
<p>Dean, School of Computing and Informatics reporting to the Deputy Principal (Academics, Research and Student Affairs) – Kibabii University College</p> <p>2013 to November 2015</p>	<ul style="list-style-type: none"> (i). The Academic and Administrative head of the Faculty/School in maintaining and promoting the efficient management of the Faculty/School. (ii). Articulate and implement the mission and objectives of the Faculty/School. (iii). Convene and Chair Faculty/School Board meetings. (iv). Represent the Faculty/School in the Deans Committee, Senate and other bodies within and outside the University as required. (v). Promote and maintain a conducive working environment in the Faculty/School. (vi). Plan and budget for the Faculty/School. (vii). Prepare the Faculty/School Reports. (viii). Develop and manage the academic programmes in the Faculty/School as required by Senate under various rules and regulations to ensure that acceptable standards of teaching and research are maintained. (ix). Providing leadership in the management of research to enhance high academic standards in the School/Faculty. (x). Promote adoption of innovative and modern systems for delivery of academic programmes including e-learning in the School/Faculty.

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	<p>(xi). Supervise academic and other staff of the Faculty/School.</p> <p>(xii). Make recommendations with respect to discipline, probation, advancement, and promotion of academic staff within the Faculty/School.</p> <p>(xiii). Promote proficiency in teaching and learning and advance Faculty/School activities in research; innovation; collaboration; community and extension services.</p> <p>(xiv). Performing any other duties as may be assigned from time to time by the Deputy Principal (Academic, Research and Student Affairs) on behalf of the Principal.</p>
<p>Chairman, Department of Computer Science reporting to the Associate Dean Faculty of Science – Kibabii University College</p> <p>2012 -2013</p>	<p>(i). Head of the department;</p> <p>(ii). Carry out day to day activities in the department;</p> <p>(iii). Oversee the development and implementation of academic programmes and regulations in the department;</p> <p>(iv). Convene and Chair Departmental Board meetings;</p> <p>(v). Co-ordinate the management of examinations, postgraduate studies and undergraduate studies in the department;</p> <p>(vi). Co-ordinate implementation of appropriate quality assurance and mechanisms in the department to ensure that the programmes in the department conform to the national and international standards, as well as legally recognized professional bodies;</p> <p>(vii). Co-ordinate student placement and welfare activities in the department; and</p> <p>(viii). Perform such other duties as assigned or delegated by the Dean</p>
<p>Departmental Examination Coordinator reporting to the Chairman of Department - Masinde Muliro University of Science & Technology</p> <p>January, 2010- January, 2012</p>	<p>(i). Oversee the preparation and administration of examinations in the department;</p> <p>(ii). Co-ordinate the management of examinations marking and processing of results in the department; and</p> <p>(iii). Co-ordinate implementation of appropriate quality assurance and mechanisms in the management of examinations in the department</p>
<p>Head of Computer Studies and Technical</p>	<p>(i) Coordinating all the departments programmes</p> <p>(ii) Promoting an environment conducive to academic excellence in the department</p>

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<p>Department reporting to the Principal, Booker Academy and Head of ICT Applications section, Mumias Sugar Company</p> <p>July 2000 to November 2007</p>	<ul style="list-style-type: none"> (iii) Initiating innovative study programmes and partnerships (iv) Providing responsive academic advice to students in the department (v) Coordination of curriculum implementation, evaluation, and remedial programmes in the department (vi) Management of software and equipment in the department and the medical facility (vii) Management of staff in the department
<p>Director of studies reporting to the Deputy Principal – Friends School, Kamusinga</p> <p>February 1998– March 2000</p>	<ul style="list-style-type: none"> (i) Coordinating all the school programmes (ii) Promoting an environment conducive to academic excellence (iii) Initiating innovative study programmes and partnerships (iv) Providing responsive academic advice to stakeholders (v) Coordination of curriculum implementation, evaluation, and remedial programmes in the school (vi) Formulation and implementation of approved policies to ensure that high standards are adhered to in the teaching and learning process (vii) Collaboration with other departments to support the goals and vision of the school (viii) Coordination of the students registration for external examinations
<p>Assistant Registrar Reporting to the Registrar – Eldoret National Polytechnic</p> <p>January 1992 – December 1997</p>	<ul style="list-style-type: none"> (i) Deputizing the Registrar in the management of day to day activities (ii) Coordination and management of staff matters (iii) Undertaking preparation of departmental budgets and procurement plans (iv) Coordinating implementation of the Polytechnic policies and procedures (v) Provides leadership and strategic direction in issues relating to the academic and administrative operational areas of admissions, registration, examinations and graduation (vi) Responsible for keeping all student records (past and present) and ensuring the accuracy and integrity of such records (vii) Enforce and implement academic and administrative policies

	(viii) Provides assistance in the development of and modifications to, such policies and procedures that will best serve the polytechnic community (ix) Coordinate internal and external examination matters (x) Perform any other duties as may be assigned from time to time by the Registrar
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(d) **Consultants**

- 2014 to Date Commission for University Education and Inter University Council for East Africa
Peer reviewing curriculum for accreditation and Institutional Audits of universities
- 2007 to 2010 Kenya Education Staff Institute (KESI) Kenya
Consult / Trainer with (KESI) in ICT i.e. Education Management Information Systems (EMIS)

(e) **KNEC Computer studies Examiner**

- 1993 to 2008 Kenya National Examinations Council Nairobi: Kenya
Examiner KCSE project paper computer studies
Examiner Diploma Computer studies course in a number of papers

**National
Committee
membership**

- (i). Members of the Ministry of Education, University Think Tank
- (ii). Member of the Universities Drama and Film National Executive Committee
- (iii). First national chair Association of Computing Society Kenya

**Leadership
Training**

Leadership training lasting over one month

- May – September, 2021 By Kenya School of Government Kenya
Strategic Leadership Development Programme

Leadership training lasting one week to one month

- May 2014 by Centre of Corporate Governance Kenya
Corporate Governance

Leadership training lasting less than one week

- June 2021 by the Millenium Management Consultants LTD Kenya
ISO/IEC 27001:2013 Information Security Management Systems Internal Auditing
- February 2019 by the Federation of Kenya Employers Kenya
Pre-CBA negotiation skills training
- 14th – 15th February, 2019 Federation of Kenya Employers
Training on effective and progressive Industrial Relations
- 28th – 30th May 2018 Maier Consulting Limited Kenya
ISO 9001:2015 Quality Management Systems Auditor
- 16th – 18th March 2018 Kenya
ISO 9001:2015 Qualified Quality Management Systems Auditors
- May 2017 Pine bridge Training and Consulting Ltd Kenya

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Enterprise Risk Management Training
 ➤ May 2016 by the Federation of Kenya Employers Kenya
 Pre-CBA negotiation skills training
 ➤ 21st and 22nd May 2015 by the Ethics and Anti-Corruption Commission (EACC) Kenya
 Corruption prevention training
 ➤ 16th – 18th March 2015 Maier Consulting Limited Kenya
ISO 9001:2008 Quality Management Systems Auditor
 ➤ 2014 Kenya
ISO 9001:2008 Quality Management Systems Implementer
 Qualified ISO QMS implementer
 ➤ 2006 Kenya Bureau of Standards Kenya
ISO 9001:2000 Quality Management Systems Implementer and Auditor
 ➤ 2005 Outward Bound Trust Kenya
 Team Building Course
 ➤ 2004 First Africa Consulting Consortium Kenya
 Performance Management Framework programme

Professional training

Training in e-learning and teaching

➤ 14th January to 22nd February 2023 by the Commonwealth of Learning, Canada
Advanced Cybersecurity Training for Teachers (Certificate of successful Completion)
 ➤ 17th November to 16th December 2022 by the Commonwealth of Learning, Canada
Cybersecurity Training for Teachers (Certificate of successful Completion)
 ➤ September 2021 to June 2022 by the Open University, United Kingdom
 Skills for Posterity Kenya: Digital education for Universities (**Certificate of successful Completion of a postgraduate course**)
 ➤ June to September 2021 by the Open University, United Kingdom
 Postgraduate Microcredential course Online Teaching: Creating Courses for Adult Learners: **Certificate of Completion recording a Pass with merit**
 ➤ 12th July to 8th August 2020 by the Commonwealth of Learning and Athabasca University, Canada
Blended Learning Practice Certificate of Completion
 ➤ 12th July to 8th August 2020 by the Commonwealth of Learning and Athabasca University, Canada
Blended Learning Practice Certificate of Participation

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- 21st June to 25th July 2020 by the Commonwealth of Learning and Athabasca University, Canada

Introduction to Technology-Enabled Learning **Certificate of Completion**

- 21st June to 25th July 2020 by the Commonwealth of Learning and Athabasca University, Canada

Introduction to Technology-Enabled Learning **Certificate of Participation**

- 22nd April to 26th April 2019

Digital content material development training by Captiva International Limited.

Other trainings lasting over one month

- 2002 by ICL Limited Kenya
Qualified as a Solaris Administrator in 2002. Solaris Administrator (UNIX based) I and II

- 1988 National Youth Service Gilgil: Kenya
Basic Paramilitary Training

Trainings of one week and less than a month

- 25th -29th May 2016 Commission for Universities Education Kenya
Quality Assurance

- 18th -22nd May 2016 Oracle Academy Kenya
Oracle Java Programming refresher course

Trainings of less than a week

- 23rd – 24th October, 2018 By Kibabii University
Enhancing learning outcome through the Application of 21st century pedagogies in the provision of University Education and Embracing the new Competence Based Curriculum

- 20th – 21st September, 2018 by Commission for University Education
Peer reviewers' training of Universities workshop held at Masada Hotel, Naivasha

- 6th – 8th March 2017 African Population and Health Research Center Kenya
Grant Proposal Writing

**National and
International
University
quality
Assurance /
curriculum
engagement**

(i) April 2021 – to date: Ministry of Education (Kenya)

- Member of think Tank on University Education and Research

(ii) 2014 – to date: Commission for University Education Responsibility

- Institution and Academic programmes review in Computer Science, Information Technology, Information Systems and computing related programmes.

(iii) 2014– to date: Inter Universities Council of East Africa Responsibility

- University Institution inspection in Burundi and Kenya for Inter Universities Council of East Africa computing harmonization programme (Computer Science and Information Technology programmes)
- Secretary of the Information Technology Forum at the Inter Universities

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Council of East Africa computing harmonization programme
(Computer Science, Information Technology)

**University
Management
and Leadership**

	Position	Station	Dates
1.	Acting Deputy Vice Chancellor (Academics and Students' Affairs) /	Kibabii University	(i). October 2023 (ii). June 2022 to July 2022 (iii). October 2020 to January 2021
2.	Discharging duties of the Vice Chancellor office	Kibabii University	(i). 25 th July, 2022 (ii). 18 th January, 2021 (iii). 29 th to 30 th January, 2018
3.	Discharging duties of the Deputy Vice Chancellor (Academics and Student Affairs)	Kibabii University	(i). 22 nd to 24 th November, 2022 (ii). 25 th to 28 th October, 2022 (iii). 13 th to 14 th October, 2022 (iv). 7 th October, 2022 (v). 3 rd October, 2022 (vi). 21 st to 28 th February, 2020 (vii). 9 th to 13 th December, 2019 (viii). 7 th to 8 th February, 2019 (ix). 21 st to 22 nd June, 2018 (x). 29 th March 2018
4.	Discharging duties of the Deputy Vice Chancellor (Administration, Finance and Development)	Kibabii University	(i). 14 th September, 2023 to 15 th September, 2023 (ii). 14 th August, 2023 to 18 th August, 2023. (iii). 18 th January, 2023 to 8 th February, 2023 (iv). 27 th October to 9 th November, 2021
5.	Director, Directorate of Technical and Vocational Education and Training	Kibabii University	July 2023 to date
6.	Dean: School of Computing and Informatics	Kibabii University	October 2016 to October, 2022

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7.	Founding Dean / Acting Dean: School of Computing and Informatics	Kibabii University	July 2013 – September 2016
8.	Acting Director, Quality Assurance	Kibabii University College	February 2012, December, 2013
9.	Chairman of Department: Faculty of Sciences	Kibabii University College	February 2012 to June 2013

10. Chairman: University Course harmonization and Implementation Committee, May, 2023 to date
11. Chairman: Entertainment and Publicity graduation Committee - Kibabii University, 2016 up to date
12. Chairman: Curriculum and Programmes Review Committee (Committee of Senate) – Kibabii University, 2016- to date
13. Patron and Director of the Kibabii University Drama troupe, 2015 up to date
14. Chairman: School Board, School of Computing and Informatics, Kibabii University - July 2013 to date
15. Chairman: School Board of Examiners, School of Computing and Informatics, Kibabii University - July 2013 to date
16. Chairman: AD-HOC Committee responding to Call for Inter University Council for East Africa, East African Community to host KFW funded Master's degree scholarship - 2019
17. Convener: Development of e-platform module writing in the School of Computing and Informatics - Kibabii University, 2019
18. Chairman: Committee on review of allowances for Directors, Deans, and Heads of Departments –2018/19
19. Chairman: Resource Mobilization Sub-Committee for the second Kibabii University International Conference - 2017
20. Chairman: Ad-Hoc Committee to develop a CCTV proposal for the University
21. Chairman: Textbooks Procurement Committee, Kibabii University College, 2012-2015
22. Chairman of Short listing Committee - Kibabii University College, 2013
23. Chairman: Departmental Board, Faculty of Science, Kibabii University College- February 2012 to July 2013
24. Chairman: Departmental Board of Examiners, Department of Faculty of Science, Kibabii University College - February 2012 to July 2013
25. Patron and Director of the Kibabii University College Drama troupe, 2012-2015
26. The University College Timetable Coordinator, 2012 – 2014
27. Patron and Director of the Masinde Muliro University of Science and Technology Drama troupe, 2009-2011

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Membership to University Committees

1. Member of Staff disciplinary Committee from July, 2023.
2. Member of the Staff disciplinary Committee for 24th July, 2023
3. Member of the Debts Management Committee from 27th September, 2022
4. Member of the Marketing and Publicity Committee from 27th September, 2022
5. Member of the University Information and Communication Technology Committee from 10th February 2022 to date.
6. Member of University Management Board from November 2020 to January 2021
7. Member of Institute of Gender and Development Studies (IGDS) Board, January 2021 to date
8. Member of Directorate of Quality Assurance Board, 2021 to date
9. Member of Senate, Kibabii University 2015 up to date
10. Member of Deans Committee, Kibabii University –2015 to date.
11. Member of Students Disciplinary Committee, Kibabii University –2015 to date.
12. Member of the Directorate of Information and Communication Technology Board, Kibabii University -2018 to date
13. Member of the Directorate of Open, Distance and electronic learning Board, Kibabii University -2018 to date
14. Member of the Directorate of Performance Contracting and Quality Assurance Board, Kibabii University -2018 to 2021
15. Member of the Standing Committee for International Conference, Kibabii University Statutes –2016 to date.
16. Member of the Graduation Ceremonies, Prices and Awards and Graduation Committee - Kibabii University, 2016 to date
17. Editor / Member of the Gradation News Booklet Editorial Committee - 2016 up to 2020
18. Member of ISO Quality Management System steering committee, Kibabii University 2015 up to date
19. Member of Fund Raising for Endowment Fund, Kibabii University, 2020 up to date
20. Member of the ISO Auditors at Kibabii University – 2014 up to date
21. Member of the Kibabii University AD HOC Committee on Review of the students' admission handbook , 2019
22. Member of the Kenya National Drama Festival Preparation Committee, Kibabii University: 2018 - 2019
23. Member of Ad-Hoc Committee to develop proposal for establishment of the centre for performing and creative arts - 2019
24. Member of the Senate Ad-Hoc Committee to review the Kibabii University Statutes 2018 Resource
25. Member of the Research, Consultancy and Innovation Technical Committee, Kibabii University - 2018
26. Member of the Ad-Hoc Committee of Senate for preparation of the Chancellors' citation – 2016
27. Member of the Enterprise Planning (ERP) Implementation Committee - 2015
28. Member of the University Statutes Preparation Committee - 2015
29. Member of University Charter Drafting Committee - Kibabii University, 2013-2015

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30. Member of Senate Masinde Muliro University of Science and Technology 2012-2015
31. Member of the Kibabii University College Academic Board, 2012 - 2015
32. Member of the Kibabii University College Deans committee, 2012 - 2015
33. Member of the Kibabii University College Students Disciplinary Committee, 2012 – 2015
34. Member of the Kibabii University College Quality Assurance Committee, 2012 - 2015
35. Member of the Privately Sponsored Students Programmes Board, 2012 - 2015
36. Member of the Hall Wardens Committee - Kibabii university college, 2012 - 2014
37. Member of University Policies Formulation Committee – Kibabii University College, 2013
38. Member: Strategic Planning Committee – Kibabii University College, 2012 – 2015

Responsibilities at Masinde Muliro University of Science & Technology

39. Member of the Departmental Postgraduate Board representative to the faculty graduate Board
40. Member of the Departmental postgraduate courses coordinator
41. Member of the Departmental Examinations coordinator
42. Member of e-waste Curriculum and Training Sub-Committee
43. Member of the Graduation Ceremonies Entertainment Sub-Committee, 2010 to 2012

Selected achievements that are not drama related

Accomplishments as Acting Deputy Vice Chancellor (Academics and Student Affairs) for three month at Kibabii University

1. Developed the policies below that were approved by Council:
 - (i) Credit transfer and exemptions policy; and
 - (ii) Part-time Teaching Management Policy;
2. Establishment and Operationalization of the School of Nursing;
3. Developed proposals for establishment of the listed centres below that were approved by Council;
 - (i) Centre for Creative Performing Arts and Sports; and
 - (ii) Centre for Languages and Cultural Studies;
4. Developed proposals for establishment of establishment of the School and faculty listed below that were approved by Council:
 - (i) School for Education; and
 - (ii) Faculty of Arts and Social Sciences.
5. On the managerial tasks performance the following achievements were attained during the tenure:
 - (i) Peaceful and harmonious coexistence between the students, community and management;
 - (ii) Successfully steered the institution through to successful Commission for University Education (CUE) regular audit that saw the University retain the Charter;

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- (iii) Staff trained on blended learning sponsored by Commonwealth of Open Learning funding;
 - (iv) Managed to have first, third and fourth year students 2019/2020 during the COVID-19 resume face to face and complete the academic year with their results fully processed; and
 - (v) Signed and castigated Performance Contracts with all Deans, and Section heads in the Academics and Students Affairs division;
6. Designed the 2020/2021 academic year face to face resumption of studies schedules;
 7. Streamlined part time payments to be handled by the Part Time Management Committee;
 8. Implemented UMB decision that has earned the university income from attachment and supervision funds;
 9. Ensured the ERP linked special examinations clearance to having full paid up fees;
 10. Ensured the automation of the admission process;
 11. Ensured the automation of the students promotion to next academic year to only those who have fulfilled requirements;
 12. *Honoris causa* degree award and nominee approval by council and the Chancellor's office;
 13. Established committees to manage and setting them into motion towards preparation of the 6th graduation activities;
 14. Second year 2019/2020 and first year 2020/2021 recalled for the face to face session and the Second years 2019/2020 were taking their end of year examinations under the COVID19 circumstances;
 15. Developed and designed training for Chair of Departments and Deans course that was approved by management;
 16. Inducted newly elected students governing council members at Kenya School of Government (2022);
 17. Successful negotiated for council to promote academic staff who met the promotion criteria who had over stayed in the same grade;
 18. Steered successful negotiation with the Kenya Universities Staff Union on delegated responsibility by the Vice Chancellor and restored harmony; and
 19. Steered the Academics and Students Affairs well to operate in harmony until the students' community honoured me with a certificate of appreciation in 2021/2022 Academic year.

Accomplishments as Dean School of Computing and Informatics, Kibabii University

1. Strategically planned for the school's growth to emerged as a centre of excellence in the region;
2. Successfully managed financial and student affairs matters of the faculty;
3. Developed a proposal that competitively won to host the East Africa Community and Germany (EAC/KFW) International students' scholarships from the Inter University Council of East Africa from all universities in East Africa for fully sponsored students to the Master of Science in Information Technology at Kibabii University;

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4. Developed a proposal that competitively won from universities in the Lake region Counties to be Centre of Excellency for Computing in the Lake Region Bloc at Kibabii University;
5. Developed a proposal for Infrastructure Support that competitively won KS. 64M for establishment of a computing HUB from amongst all public and private universities in Kenya;
6. Sourced funds, established and equipped postmodern:- ICT Data Centre, Digital Forensics Laboratory, Mobile Computing Laboratory, Digital Forensics Laboratory, Video Conferencing Centre and Professional training laboratory;
7. Designed roadmap for establishment of School of School of Computing and Informatics;
8. Led to school academic staff in a paradigm shift of only face to face lecturing to a face to face complimented with e-platform support;
9. Facilitated faculty into being training in to e-content development;
10. Steered faculty into developing e-content for the various course at Undergraduate to PhD level in the school;
11. Steered faculty teaching programming courses towards delivering the courses with the support of SMART phones taking learning into the hands of the learner away from desktop computers in the laboratory;
12. Establishment of the Kibabii University Robotics club that has won accolades at the National Robotics Competition;
13. Facilitated most graduate students (Masters and PhDs) in the school to win research funding for their studies;
14. Negotiated and established community outreach engagements such as:
 - (i) Training of youth in ICT through the Kenya Youth Employment Opportunities Project (KYEOP) jointly with Kenyatta University, 2019;
 - (ii) Training of Bungoma County nurses in ICT literacy jointly with Strathmore University, 2019; and
 - (iii) Ajira workshops jointly with the ministry of Information and Communication Technology 2018 – 2019;
15. Negotiated and established linkages with organizations that have given Kibabii University computing graduates an edge on the job market notably among them being:
 - (i) Information Systems Audit and Control Association (ISACA);
 - (ii) ORACLE;
 - (iii) CISCO;
 - (iv) National Industrial Training Authority (NITA);
 - (v) International Business Machines (IBM);
 - (vi) HUAWEI; and
 - (vii) GOOGLE;
16. Developed School of Computing and Informatics work Procedures;
17. Designed Strategic Pillars to guide the growth and development of the School of Computing and Informatics – Philosophy, Vision, Mission Values and Motto;
18. Prepared School and Departmental staff establishments;
19. Supervised teaching, setting and Administration of Examinations;
20. Developed a proposal and established Specialized Instructional Rooms in the School such as – Undergraduate Computer Laboratories, Postgraduate Computer

Laboratory, Mobile Computer Laboratory, Digital Forensics Laboratory, video conference room, data centre and Computer Workshop;

21. Developed new graduate programmes approval by Commission for University Education: Doctor of Philosophy in Computer Science, Master of Science in Computer Science and Master of Science in Digital Forensics;
22. Successful coordinate review of existing curriculum that were approval by Commission for University Education: Doctor of Philosophy in Information Technology, Master of Science in Information Technology, Bachelor of Science in Computer Science and Bachelor of Science in Information Technology;
23. Developed strong consultative and teamwork spirit amongst the staff of the School of Computing and Informatics;
24. Developed School of Computing and Informatics brochure for marketing of the programmes in the Faculty;
25. Established committees to coordinate School functions;
26. Launched Graduate programmes in the School that have since graduated students at both Masters and PhD level. (The school was the first to graduate a PhD at the University its first congregation);
27. Increased number of PhDs among Academic members of the School;
28. Established a SCAI staff welfare that is operational;
29. Established a SCAI students welfare that is operational;
30. As Dean, School of Computing and Informatics steered the operations in harmony of the School until the students' community honoured me with a certificate of appreciation of being an outstanding Dean in the 2020/2021 Academic Year;
31. Steering the Robotics club from the School to competitively take position one national in the universities category and position three overall in both tertiary institutions, Research Institutions and Universities nationally; and
32. Mentored international postgraduate students to complete their studies in the minimum requisite time-period.

Team leader Kibabii University: Skills for Posterity Kenya: Digital education for Universities

1. Successful provided leadership that saw all members successfully completed the programme that saw Kibabii University recognized for outstanding performance; and
2. Leader the team to develop to courses and the corresponding digital content in use and benchmarked worldwide on digital content development.

Chairman of Curriculum development and review of Senate Sub-committee

- (i) Over saw curriculum assessment of Kibabii University curricula which were all accredited by the regulator

Curriculum and Institution reviewer for CUE and IUCEA

1. Performed duties well professionally and with integrate that the Commission for University Education (CUE) that it has retained me as a reviewer up to date;

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2. Following outstanding performance with CUE, CUE recommended me to Inter University Council of East Africa (IUCEA) for consideration as a peer reviewer within East Africa; and
3. Performed duties well professionally and with integrate that the Inter University Council of East Africa (IUCEA) that it has retained me as a reviewer up to date.

Association of Computing Practitioners

1. First national vice chair person

Drama Management and Directing

1. Member of the national Universities management team resulting from outstanding leadership and negotiation skills that have made university performance orderly and disciplined
2. Won many awards for being the best director over years

Accomplishments as Chairman of Department – Kibabii University College

1. Launch of academic Programmes including steady increase in enrolment;
2. Roll out of Industrial Attachment to the entire country of Kenya;
3. Regular scheduled Departmental Seminars;
4. Increased number of PhDs among Academic members of the department;
5. Strategically planned for the department's growth; and
6. Managed financial and student affairs matters of the department successfully.

Accomplishments as Computer studies teacher and Manager at Mumias Sugar Company

1. An internal ISO Quality Management Systems (QMS) Auditor and Implementer, Auditing the Mumias Sugar Company Systems that saw the company maintain ISO certification;
2. Played a leading role in the implementation of ISO QMS that saw the company get ISO certification;
3. Played a leading role in the steering team of the mySAP ERP and Agriculture Management System computerization project that was successfully launched at Mumias Sugar Company Ltd in 2006;
4. Successfully trained and supported users of the Human Resources Computerized System (PerPay:- that is Oracle based) at Mumias Sugar Company;
5. Managed successfully the Medical systems Help Desk of Mumias Sugar Company whenever called upon;
6. Established a computer laboratory at Mumias Sugar Company's Booker Academy Secondary section;
7. Established Computer Studies as one of the curriculum subjects at Mumias Sugar Company's Booker Academy Secondary section;
8. Successfully trained learners in computer studies recording very high passes: Average mean grade "A-" at Mumias Sugar Company's Booker Academy Secondary section; and

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9. Trained and won national awards in drama at Mumias Sugar Company's Booker Academy Secondary section.

Accomplishments as Director of studies and computer studies teacher at Friends School, Kamusinga

1. Designed the schools' academic programs that saw the school record very good performance that has seen it feature among the top schools in the republic;
2. Established a computer laboratory;
3. Established Computer Studies as one of the curriculum subjects;
4. Taught computer studies and had students excel in national examinations recording very high mean grade "B+";
5. Developed and Administered a computerized examination processing system that improved the efficiency of manpower utilization and learners feedback; and
6. Researched and presented a paper in a national conference at Kenyatta University: "Educational managers' responsibility to get parents and the community involved in school activities".

Accomplishments as Assistant Registrar at Eldoret National Polytechnic

1. Participated in the development of the Diploma computer studies syllabus;
2. Successfully managed both administrative and academic programs of the national polytechnic with the institution experiencing no strike at all;
3. Established work procedures for the office of Assistant Registrar;
4. Lectured Higher Diploma and Diploma trainees computer studies and Engineering mathematics recording a very high pass rate;
5. Increased enrolment in certificate, Diploma and Higher Diploma programmes;
6. Established a timely, fair and efficient admissions process;
7. Established and managed a timely effective examination system that realized no examination leakages that led to students meeting KNEC examination requirements; and
8. Wrote Distance Learning Booklets for Business Statistics paper for Kenya Accounting Technicians Course examined by KASNEB.

**University
external
examiner**

- (i). 2021 to date
Kabarak University
- (ii). 2020 to date
University of KwaZulu-Natal (South Africa)
- (iii). 2018 to 2020
Tom Mboya University College
- (iv). 2016 to date
The Technical University of Kenya
- (v). 2015 to date (Graduate studies thesis)
The University of Nairobi
- (vi). 2018 to date
Maseno University
- (vii). 2014 to 2020
Jaramogi Oginga Odinga University of Science and Technology

KNEC examiner

- ☐ 1993 to 2008 Kenya National Examinations Council

Nairobi: Kenya

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Computer studies examiner.

- ☐ Examiner KCSE project paper computer studies
- ☐ Examiner Diploma Computer studies course in a number of papers

Publications

Book Chapters

1. Mbugua S., **Wabwoba F.** and Kimingich C. (2020). Implementation Evaluation Metrics for ERP solution: A case of Kibabii University. In G. Muketha & E. Micheni (Eds.), *Metrics and Models for Evaluating the Quality and Effectiveness of ERP Software* (pp. 265-306). Hershey, PA: IGI Global. ISBN13: 9781522576785 | ISBN10:1522576789 | EISBN13:9781522576792 DOI: 10.4018/978-1-5225-7678-5.ch011.

Peer reviewed University level Modules

2. Mbuguah M. S., **Wabwoba F.** and Shisoka A. D. (2019) Computer Applications (KUC 112) Kibabii University. ISBN 978-9966-59-013-8
3. Shisoka A. D., **Wabwoba F.** and Mbuguah M. S. (2019) Fundamentals of Computing (CSC 110) Kibabii University. ISBN 978-9966-59-019-0

Book Publications

4. Mbugua S. M., Rono K. R. and **Wabwoba F.** (2020). *Digital Electronics*. Kibabii University Press (ISBN 978-9966-59-051-0)
5. **Wabwoba F.** & Mbugua S. (2014). *Green ICT implementation in developing Nations: Personnel Perspective*. Scholars' Press: OmniScriptum GmbH & Co. Kg (ISBN: 978-3-639-66773-8)

Publication in peer reviewed and referred Journals

6. Mony V. O. and **Wabwoba F.** (2023). An insight into the Philosophical of Computer Languages. *International Journal of Research and Innovation in Applied Science (IJRIAS)* 8(8): 39-47. <https://doi.org/10.51584/IJRIAS.2023.8805>
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11. Makundi T. M., Mwendwa M. N and **Wabwoba F.** (2022) Green ICT Opportunities in Economic Sector in Tanzania *International Journal of Computer*

Trends and Technology 70 (7): 16-20. Crossref, [10.14445/22312803/IJCTT-V70I7P104](https://doi.org/10.14445/22312803/IJCTT-V70I7P104)

12. Makunda A., Mbugua S. & **Wabwoba F.** (2022). Webometrics User Ranking Analysis Model Development and Validation. *International Journal of Computer and Organization Trends* 12 (1): 37-48
<https://doi.org/10.14445/22492593/IJCOT-V12I1P307>
13. Mukanda A., Mbugua S. & **Wabwoba F.** (2022). Usability Evaluation of Kenyan Universities Websites for Webometrics Ranking" *International Journal of Computer Trends and Technology*. 70(2):1-9
<https://doi.org/10.14445/22312803/IJCTT-V70I2P101>
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http://www.journalofsciences-technology.org/archive/2015/december_vol_4_no_12/698774144516728.pdf
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56. 39. **Wabwoba F.**, Sakwa T, Mbugua S, Kilwake H. J. (2014). Environmental implications of cell phones penetration and disposal in Kenya. *International Journal of Computers & Technology*. 13(7):4647-4652 ISSN 2277-3061. http://cirworld.com/journals/index.php/ijct/article/view/2330N/pdf_478
57. Mbuguah S. M., Muketha G. M., **Wabwoba F.** (2014). A Review of Algorithms for Determination of Attackability Metrics. *Journal of Emerging Trends in Computing and Information Sciences* 5(4):292-296 ISSN 2079-8407.
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59. Malenje J. O., Otanga D. and **Wabwoba F.** (2014). Effective Business Process Automation through Process Reengineering: Case of Public a University in Kenya. *International Journal of Information and Communication Technology Research* 4(6):247-254.
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Publications in Peer reviewed Conference proceedings

78. **Wabwoba F.**, Barasa S., Owoche P., Shisoka D., Khaoya D. and Mbuguah S. (2023). Challenges and opportunities of Universities – National Research Funded projects in enhancing digital penetration and economic empowerment: the case of Kibabii University. Kibabii University 4th International Conference. Theme: Harnessing Science Technology and Innovation (STI) to mitigate global challenges for sustainable development 14th – 15th June 2023.
79. Afwande M., **Wabwoba F.** and Barasa S. (2023). The organisation's internal drivers and opportunities for green computing. Kibabii University 4th International Conference. Theme: Harnessing Science Technology and Innovation (STI) to mitigate global challenges for sustainable development 14th – 15th June 2023.

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80. Otieno B., **Wabwoba F.** and Musumba G. (2021) Bandits using Fuzzy to fill Knapsacks: Smallholders Farmers Credit Scoring. *2021 IST-Africa Conference (IST-Africa) Proceedings Miriam Cunningham and Paul Cunningham (Eds) IST-Africa Institute and IIMC, 2021* pp. 1-10. IEEE Conference Publication ISBN: 978-1-905824-67-0
81. Otieno B., **Wabwoba F.** and Musumba G. (2020) Towards Small-Scale Farmers Fair Credit Scoring Technique. *2020 IST-Africa Conference (IST-Africa) Proceedings Miriam Cunningham and Paul Cunningham (Eds) IST-Africa Institute and IIMC, 2020 Kampala, Uganda, 2020* pp. 1-11. IEEE Conference Publication ISBN: 978-1-905824-64-9
URL:
<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9144049&isnumber=9144002>
82. Otieno B., **Wabwoba F.** & Musumba G. (2019) Towards Small-Scale Farmers fair credit scoring technique. Kibabii University 4th International Conference. Theme: Creativity and Innovation for Sustainable Development. 12th – 14th June, 2019. Kibabii University at Bungoma, Kenya. ISBN: 978-9966-59-020-6
83. Rono K. R., Mbugua S. & **Wabwoba F.** (2018) Factors influencing the selection of mobile phone among University students in Kenya. Kibabii University 3rd International Conference. Theme: Creativity and Innovation for Sustainable Development. 12th – 14th June, 2018. Kibabii University at Bungoma, Kenya. ISBN: 978-9966-59-011-4
84. Mukanda A., Mbugua S. & **Wabwoba F.** (2018) Energy efficient programming attributes in mobile applications environment. Kibabii University 3rd International Conference. Theme: Creativity and Innovation for Sustainable Development. 12th – 14th June, 2018. Kibabii University at Bungoma, Kenya. ISBN: 978-9966-59-011-4
85. Mukanda A., Mbugua S. and Wabwoba F. (2019). Mobile Applications Energy efficient programming practices and energy profiling tools. Jaramogi Oginga Odinga University of Science and Technology 2nd International Conference. 26th February – 1st March, 2019. At the Grand Royal Swiss Hotel in Kisumu County, Kisumu: Kenya
86. Mayeku B., **Wabwoba F.** and Hogrefe D. (2017). Influence of Social Personalization on Performance in Group Learning. *AFRICON, 2017 IEEE. Date of Conference 18-20 Sept. 2017 at Cape Town, South Africa.* ISBN 978-1-5386-2776-1
87. Wechuli A. N., **Wabwoba F.** & Barasa P. W. (2017) Mobile Communications and Telecommuting: Are they a necessary evil for Business Community in Kenya. EICPSDA/2017/011. *The 2nd Eldoret International Conference on Poverty and Sustainable Development in Africa (EICPSDA - 2017)* 13th – 14th September 2017 held at Kisii University Eldoret Campus.
88. Malanga K. N., Mehat J., Ganchev I. & **Wabwoba F.** (2016). Predicting Faults in Open Source Software: Trends and Challenges. In Crowston, K., Hammouda, I., Lindman, J., Lundell, B., and Robles, G. (Eds.) *Proceedings of the Doctoral Consortium at the 12th International Conference on Open Source Systems, Skövde University Studies in Informatics 2016:1*, pp.55 - 73 ISBN: 978-91-978513-9-8, University of Skövde, Skövde, Sweden
89. Richard K. R., Mbugua S. & **Wabwoba F.** (2016) Innovative Phone Features Driving Mobile Phone Usage by Students. *At the first International Conference on*

“Transformative Leadership for Societal Empowerment in the 21st Century” held at Kibabii University on 22nd - 24th June 2016.

90. **Wabwoba F.**, Wanyembi G., & Omuterema S. (2013). ICT personnel maturity towards green ICT in Kenya. *The third Workshop on emerging ICT technologies held at Masinde Muliro University of science and technology in October 2013 within the faculty of science graduate studies.*
91. **Wabwoba F.**, Wanyembi G., & Omuterema S. (2013). Green ICT readiness model for developing economies: case of Kenya. *The second Workshop on emerging ICT technologies held at Masinde Muliro University of science and technology in March 2013 within the faculty of science graduate studies.*
92. **Wabwoba F.**, Wanyembi G., & Omuterema S. (2012). Pervasiveness of green ICT awareness amongst Kenyan ICT personnel. *The first Workshop on emerging ICT technologies held at Masinde Muliro University of science and technology in November 2012 within the faculty of science graduate studies.*
93. **Wabwoba F.**, Wanyembi G. W. & Omuterema S. (2012). Barriers to implementation of green ICT in Kenya. *Technical University of Kenya Computing departmental seminar on the 23rd September 2012*
94. Mutua S., **Wabwoba F.**, & Kilwake J. (2011). Using Mobile Learning to increase Universities’ Student Enrolment. *Strathmore 2nd ICT conference held at Strathmore University on the 2nd and 3rd September, 2011*
95. Musambayi E. A., **Wabwoba F.**, & Sisungu Z. W. M, (2010). Contribution of ICT to effective teaching and learning in Kenyan secondary schools. *Presented at Kabarak University in the Resources for educational development in Kenya conference held between 26th and 28th August, 2010*
96. **Wabwoba F.**, **Omiemo K.** (2010). The role of wireless technologies in taking education to rural villages in developing countries. *Strathmore 11th ICT conference held at Strathmore University on the 3rd and 4th September, 2010*
97. **Wabwoba F.** and Sisungu Z. W. M (2010). Information and Communication Technologies opportunities and challenges to teaching profession in Kenya. *Workshop on Educational planning for the 21st knowledge world held at Masinde Muliro University of science and technology in April 2010.*
98. **Wabwoba F.** (1999). “Educational managers’ responsibility to get parents and the community involved in school activities” *Presented at a national conference held at Kenyatta University.*

Postgraduate teaching manuals

99. **Wabwoba F. (2009).** An introduction to Computer based Educational Management Information Systems. Masinde Muliro University of Science and Technology: Department of Computer Science Department.
100. **Wabwoba F. (2009).** An introduction to Information Communication Technologies in Education. Masinde Muliro University of Science and Technology: Department of Computer Science Department.

E-learning mode delivered courses	Digital content designed and taught course at PhD Level for e-learning mode <ol style="list-style-type: none"> 1. PIT910 Philosophy of Computing 2. PIT922 Advanced Green Computing
	Digital content designed and taught course at Masters Level for e-learning mode <ol style="list-style-type: none"> 3. MIT824N Green Computing
	Digital content designed and taught course at Bachelors Level for e-learning mode <ol style="list-style-type: none"> 1. BIT114 Mathematics for Information Technology 2. BIT112 Discrete structures 3. BIT325 Knowledge Management
Selected Keynote / Technical speaker in selected conferences	<ol style="list-style-type: none"> 1. Wabwoba (2023) Green Technology for climate change mitigation. Masinde Muliro University of Science and Technology. 16th International Multi-Disciplinary virtual Conference on 14th – 16th June, 2023 2. Wabwoba (2019) Accelerating digital innovation and emerging trends in ICT and Engineering among college students. The annual ICT and Engineering Summit 21st August, 2019 at ICS college Eldoret Campus 3. Wabwoba (2019) ICT Innovations, Renewable Energy, Gender and Nano-Technologies for Sustainable Development. Masinde Muliro University of Science and Technology The Inter-Disciplinary International Conference on 19th – 21st June, 2019 4. Wabwoba (2015) Western Kenya ICT Convention and Innovation Forum- Theme: Tapping innovative minds for economic prosperity at Matili Technical Training Institute on the Thursday, December 17, 2015 and Friday, December 18th, 2015
International Conference organization	<ol style="list-style-type: none"> 1. Kibabii University 4th International Conference. Theme: Harnessing Science Technology and Innovation (STI) to mitigate global challenges for sustainable development 14th – 15th June 2023. Role: Member of the (i) conference steering committee and (ii) Publicity Sub-Committee 2. Kibabii University 4th International Conference. Theme: Enhancing food security and Universal Health care for sustainable growth 12th – 14th June 2019. Role: Member of the Technical Sub-Committee and also chair of session 3. Kibabii University 3rd International Conference. Theme: Creative and Innovation for sustainable development 12th – 14th June 2018. Role: Member of the Technical Sub-Committee (page 6) and also chair of session (page 15) 4. Kibabii University 2nd International Conference. Theme: Innovative Research and Knowledge for Global competitiveness and sustainable development 14th – 15th June 2017. Role: Member of the Technical Sub-Committee and also chair of session 5. Kibabii University 1st International Conference. Theme: Transformative leadership for societal empowerment in the 21st century 22nd – 24th June 2016. Role: Member of the Technical Sub- and also chair of session

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**Academic
awards
publications**

1. **Wabwoba F.** (2013). A model for enhancing green ICT through alignment of personnel capacity and workplace readiness in Kenya. Masinde Muliro University of Science and Technology (Doctorate Thesis)
2. **Wabwoba F.** (2006). A teacher distribution management information system based on an assessment of computing levels of education managers. Kenyatta University (Masters Thesis)
3. **Wabwoba F.** (1997). The provision of educational law in the teacher training programmes in Kenya. University of South Africa (Endorsement Thesis)
4. **Wabwoba F.** (1990). Developing effective instructional materials for teaching of area and trigonometry. Egerton University (Undergraduate project report)
5. Member of the International review Board: The African Journal of Information Systems
6. Member of the International review Board: Informing Science Institute

**Journal Peer
reviewing**

**Workshops
attended/
facilitated**

1. 2nd -3rd August, 2022. Realigning University Education to Competency Based Curriculum (CBC).
2. 27th - 29th October 2021. Gender mainstreaming training held at Kibabii University
3. 15th – 19th January 2020. Western Region Drama trainers workshop **by the Ministry of Education, Science and Technology** held at Border Palace, Busia (Facilitator)
4. 2. 28th November – 4th December 2019. Kenya National Drama Festival: National trainers workshop **by the Ministry of Education, Science and Technology** held at Kenya School of Government, Baringo
5. 22nd – 26th April, 2019 E-content Material Development by **Captiva International Limited** held at Kisumu
6. 14th – 15th February, 2019 Effective and Progressive Industrial Relations by the **Federation of Kenya Employers** at Kibabii University
7. 15th – 19th January 2019. Western Region Drama trainers workshop **by the Ministry of Education, Science and Technology** held at Border Palace, Busia
8. 23rd – 24th October, 2018 Enhancing learning outcomes through the Application of 21st century pedagogies in the provision of university education and embracing the new Competence Based Curriculum at Kibabii University (as a facilitator and participant)
9. 20th – 21st September, 2018. Peer reviewers' training of Universities workshop **by Commission for University Education** held at Masada Hotel, Naivasha
10. 23rd – 24th May, 2017 Enterprise Risk Management Training by **PineBridge** at Kibabii University
11. 6th – 8th March, 2017, Grant Proposal writing workshop by **African Population and Health Research Center** held at Kibabii University
12. Pre-CBA negotiation skills by the Federation of Kenya Employers at Kibabii University on 13th May, 2016 at Kibabii University
13. Quality Assurance Workshop for Universities by Commission for Universities Education held at Nakuru between 25th -29th may 2016.
14. Oracle Java Programming refresher course held at Kibabii University between 18th - 22nd May, 2016 by Oracle Academy.
15. 15th – 20th November 2015. Kenya National Drama Festival: National trainers workshop **by the Ministry of Education, Science and Technology** held at Tom

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Mboya Labour College, Kisumu

16. Corruption prevention training workshop by the **Ethics and Anti-Corruption Commission** (EACC) between 21st and 22nd 2015 at Kibabii University College.
17. 27th – 31st January 2015. National directors Training of trainers workshop **by the Ministry of Education, Science and Technology** held at Baringo Government school
18. 1st – 3rd December 2014. **The second stakeholders forum on benchmarking of computer science and Information Technology** at Dar Es Salaam Tanzania sponsored by **the Inter-University Council for East Africa**
19. 21st – 23rd July 2014. **The first stakeholders forum on benchmarking of computer science and Information Technology** at Kigali, Rwanda, sponsored by **the Inter- University Council for East Africa**
20. May 2014. Corporate Governance workshop **by Centre of Corporate Governance** held at Kibabii University College
21. May 2014. Peer review of Universities workshop **by Commission for University Education** held at Kenya Institute of Curriculum Development
22. March 2014. Enhancing management culture, integration and internalization workshop **by Kibabii University** held at Kibabii University College.
23. February 2014. Western province producers and adjudicators workshop held at Busia
24. January 2014. National directors Training of trainers workshop **by the Ministry of Education** held at Embu Government school
25. 28th – 29th October, 2013. Stakeholders' workshop on regulations, Standards and Guidelines for Universities Education **by Commission for University Education** held at Kenya School of Monetary Studies: Nairobi
26. 2013. Risk Management workshop held at Kabula Pastoral centre in June 2013
27. 2013. The second Workshop on emerging ICT technologies held at Masinde Muliro University of science and technology in March 2013.
28. 2013. Nzoia region adjudicators workshop
29. 2013. Nzoia region directors workshop
30. 2012. Information Technology first seminar held at Masinde Muliro university of science and Technology
31. 2012. Information for quality service and customers satisfaction at Kibabii University College
32. 2012. Western province adjudicators workshop
33. 2012. Western province directors workshop
34. 2011. National directors workshop held in Kisumu
35. 2011. Western province adjudicators workshop
36. 2011. Western province directors workshop
37. 2010. National directors workshop held at Kasarani: Nairobi
38. 2010. Western province adjudicators workshop
39. 2010. Western province directors workshop
40. 2010. Fundamentals of web applications at Masinde Muliro University of Science and Technology
41. 2010. Research4Life and TEEAL organized by FAO and WHO
42. 2010. Education for sustainable development: Innovations, Opportunities and challenges in the 21st century

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43. 2009. The training workshop on design of educational programmes using Radio for teaching and learning
44. 2009. Western province adjudicators workshop
45. 2009. Western province directors workshop
46. 2008. Western province adjudicators workshop
47. 2008. Western province directors workshop
48. 2007. Western province adjudicators workshop
49. 2007. Western province directors workshop
50. 2006. Western province adjudicators workshop
51. 2006. Western province directors workshop
52. 2004. National directors workshop held in Mombasa
53. 2004. Western province adjudicators workshop
54. 2004. Western province directors workshop
55. 1999. Student leadership, Delinquency, guidance, counseling and pastoral care in schools. Held at Kenyatta university

Accredited by CUE

Initiated programmes and developed

1. Doctor of Philosophy in Information Technology
2. Doctor of Philosophy in Computer Science
3. Master of Science in Information Technology
4. Master of Science in Digital Forensics
5. Master of Science in Computer Science
6. Bachelor of Education (Science): Computer Studies option

PhD and Masters Supervision

Completed Doctor of Philosophy in Computing and Information Technology fields

1. Otieno B. (2023) *Modeling innovative features on mobile phone usage patterns amongst university students in Kenya* (**Kibabii University (Kenya)**)
2. Kuria J. N (2023) *Customized quality model based on analysis of user needs and mobile application store quality* (**Kibabii University (Kenya)**)
3. Roselida Maroko (2021) *Emerging security trends on secure mobile computing evaluation in fully automated environment.* (**Kibabii University (Kenya)**)
4. Etene Yonah. (2019) *Cloud computing for technologies towards accessible ICT integration in public primary school education.* (**Kibabii University (Kenya)**)
5. Rono K. R. (2018) *Modeling innovative features on mobile phone usage patterns amongst university students in Kenya* (**Kibabii University (Kenya)**)
6. Wechuli N. A. (2017) *Modeling security usability on digital inclusion in E-service provision* (**Kibabii University (Kenya)**)
7. Malanga K. N. (2017) *Extent of Open Source Software adoption in Kenya and its impact on Information and Communication Technology (ICT) in the public sector* (**University of Paris 8 (France)**)
8. Otanga D. W. (2016) *Emerging security trends on secure mobile computing in a fully automated University environment* (**Kibabii University (Kenya)**)

Completed Masters of Science in Information Technology

9. **Sabuku D.** (2022) *Green ICT adoption framework for Burundi Universities*

Sign: 

based on power consumption management and personnel capacity (Kibabii University (Kenya))

10. **Mukanda A.** (2022) *Modeling User experience with University website attributes based on Webometric ranking user analysis (Kibabii University (Kenya))*
11. Ng'etich J. (2021) *A framework for adopting e-payment systems for small and medium enterprises in Kenya (Kibabii University)*
12. Simiyu W. P. (2019) *E-waste management system for environmental sustainability in Kenya (Kibabii University)*
13. Gichuki D. K. (2018) *Green Information Technology Framework in a Virtualized Environment in Public Universities in Kenya. (at Kibabii University)*
14. Ndukuyu M. (2016) *Adoption of Mobile Computing for ubiquitous data management in Sugar companies in Kenya (Kibabii University)*
15. Tsinale L. H. (2016). *Performance expectancy and cloud risks as determinants for cloud computing acceptance in public universities in Kenya (at Kibabii University)*
16. Batoya I. (2015). *Social-technical integration framework on ICT readiness for primary schools (at Kibabii University College)*
17. Rono L. (2015). *A requirements elicitation model for diverse user groups of University software. (at Masinde Muliro University of Science and Technology)*
18. Odawa J. (2013). *The contribution of process re-engineering to business automation in Kenyan public universities (at Masinde Muliro University of Science and Technology)*
19. Ujunju M. U. (2012). *Evaluating the role of Information and Communication Technology (ICT) support towards processes of management in Institutions of higher learning (at Masinde Muliro University of Science and Technology)*
20. Cheruiyot B. (2012). *Intelligent application of fuzzy logic in credit appraisal in Banks (at Masinde Muliro University of Science and Technology)*

Submitted for examination

Doctor of Philosophy (Information Technology Thesis)

1.

Masters of Science (Information Technology Thesis)

1.

Ongoing Supervision

Doctor of Philosophy (Information Technology Thesis)

1. Shisoka M. A. *Modeling innovative features on mobile phone usage patterns amongst university students in Kenya (Kibabii University (Kenya))*
2. Njoki M. *Modeling security usability on digital inclusion in E-service provision (Kibabii University (Kenya))*

Masters of Science (Information Technology Thesis)

Sign: 

1. **Mwendwa M. N.** *Green Integrated Financial Management Information System application based on energy consumption and usability* (**Kibabii University (Kenya)**)
2. **Rono S. J.** *Re-Engineering ICT E-Waste Management Strategies for sustainable ICT E-Waste Management Framework in Higher Institutions of Learning in Kenya* (**Kibabii University (Kenya)**)
3. **Magero J. W.** *An Integrated E-Governments Systems Usability Improvement Framework Based On Socio-Technical And Economic Status* (**Kibabii University (Kenya)**)
4. **Wafula J.** *Users and Managerial practices framework for cloud computing adoption in service delivery by Kenyan Universities* (**Kibabii University (Kenya)**)

**Postgraduate
examined thesis**

Doctor of Philosophy Thesis

2023

1. Onunga J. O. (2023). *Terrestrial Biodiversity data processing and sharing architectural model based on IoT technology for sustainable livelihoods* (**Kibabii University**)

2022

2. Nyakundi R. K. (2022). *A model for adoption and acceptance of a successful biometric voter registration technology* (**Kibabii University**)
3. Batoya I. B. (2022). *Online hotel branding based on the dialogic principles of Internet communication* (**Kibabii University**)

2021

4. Chebor J. C. (2021). *A serial number based identification model for a computer in a wireless local area network* (**Kabarak University**)
5. Kipkebut A. (2021). *A client-side multi-lingual model for enhancing performance in short message service spam detection using machine-learning techniques.* (**Kabarak University**)
6. Maina A. M. (2021) *Advancing Big Data in Healthcare: A balanced approach towards reformed digital health strategies in Kenya* (**University of KwaZulu-Natal, South Africa**)
7. Oonge S. O. (2021). *Information security risk assessment model for bring your own device (BYOD) environment in Kenyan Public Universities.* (**Maseno University**)
8. Mwai J. K. (2021). *Integration of WEB 3.0 and social media technologies in Government portals for personalized integrated service delivery* (**Kibabii University**)

2020

9. Agbo-Ajala J.O. (2020) *Age-group and gender classification of unfiltered human faces using deep learning* (**University of KwaZulu-Natal, South Africa**)

2019

10. Owoche P. O. (2019). *Online hotel branding based on the dialogic principles of Internet communication* (**Kibabii University**)
11. Barasa W. S. (2019). *Enhanced Network performance metrics for transition from IPv4 to IPv6 networks* (**Kibabii University**)

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12. Obare O. E. (2019) *A dynamic framework for evaluating the implementation of green information and Communication Technology: A case of Kenyan Universities* (**Maseno University**)

2018

13. Obegi M. F. (2018). Success factors for corporates implementing server virtualization Technology by companies listed on the Nairobi Securities Exchange (**Jaramogi Oginga Odinga University of Science and Technology**)
14. Masese M. N. (2018) Predicting Mobile Social Software Learnability Based on Analysis of User Interface Features, Program Complexity and Memorability (**Kibabii University**)

2017

15. Rotich E. K. (2017). Biometric properties and Network Technologies as Determinants for a secure e-voting Architecture (**Kibabii University**)
16. Ratemo M. C. (2017). Modeling the success of cross-platform Mobile Instant Messaging Systems in Kenya (**Kibabii University**)
17. Kiget N. K. (2017). Grid Computing Adoptability Model for Collaborative Research in Universities (**Kibabii University**)
18. Abila J. O. (2017). Smart Metrics Design for Indexing ICT Integration Improvement in Kenyan Universities (**Kibabii University**)

2016

19. Okadapau O. M (2016). Analysis of State of Electronic Commerce Adoption by SMEs in Kenya and Factors Influencing Adoption (**The University of Nairobi**)

2015

20. Sirma J. (2015). Impact of Information security policies on security breach incidences in Kenyan savings and cooperative societies (**Jaramogi Oginga Odinga University of Science and Technology**)
21. Obegi M. F. (2015). Critical success factors for corporate implementing server virtualization technology by Companies listed on the Nairobi securities exchange. (**Jaramogi Oginga Odinga University of Science and Technology**)
22. Omieno K. K. (2015). A usability maturity model on internal quality of virtual learning systems: A case of Kenyatta University. (**Jaramogi Oginga Odinga University of Science and Technology**)

2014

23. Ikoha P. A. (2014). Technical factors and user personality characterized as indicators of smart phone integration into self-directed learning in universities. (**Masinde Muliro University of Science and Technology**)
24. Karume M. S (2014). Sustainability assessment model to manage electronic waste threat from low cost computers for learning in developing countries. (**Masinde Muliro University of Science and Technology**)
25. Micheni E. M. (2014). Modeling and evaluation of platform-level interoperability for mobile money transfer systems. (**Masinde Muliro University of Science and Technology**)

Masters of Science Thesis

2023

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1. Oyile P. O. (2023). *Student-centered ICT Technical Support and Infrastructure provision Architecture based on AI-Powered virtual assistant* (**Kibabii University**)
- 2020**
2. Kogei S. K. (2020). *A framework for adoption and integration of E-health in maternal health care: A case of sub-county hospitals in Uasin Gishu* (**Rongo University**)
- 2019**
3. Wabila J. M. (2019). *A framework for the Management of sustainable hardware power quality practices for efficient greener ICT centres* (**Kibabii University**)
- 2018**
4. Chekulesi W. A. (2018). *Mobile Learning Technology Acceptance Model in public Universities in Kenya* (**Kibabii University**) (
 5. Wafula W. E. (2018) *Security Threats and Vulnerabilities Mitigation in Information Systems Security for Kenyan Universities* (**Kibabii University**)
- 2017**
6. Asenahabi B. M. (2017). *Cost-effectiveness of using thin-client technology on service delivery in schools' computer laboratories in Kenya* (**Kibabii University**)
 7. Kapukha R. N. (2017). *Investigation of determinants of ICT electronic waste management in Public Universities in Kenya* (**Kibabii University**)
 8. Wamalwa P. (2017). *Factors influencing teacher perception towards implementation of SMASSE in Bungoma County* (**Kibabii University**)
 9. Motende F. M. (2017). *SMS based Health Appointment Management Application for clientele follow-up: A case of Nuvaring project, KEMRI/CGHR.* (**Jaramogi Oginga Odinga University of Science and Technology**)
 10. Otieno M. O. D. (2017). *The effect of security controls on effective information security with policy as moderator; A case of secondary schools in Kisumu County.* (**Jaramogi Oginga Odinga University of Science and Technology**)
 11. Omwenga M. M.. (2017). *Knowledge Management Model: A case of Kisii County Secondary Schools.* (**Jaramogi Oginga Odinga University of Science and Technology**)
 12. Muchesia P. (2017). *An evaluation of ICT implementation in secondary schools in line with vision 2030 Kenya. Case study: Kakamega County.* (**Jaramogi Oginga Odinga University of Science and Technology**)
- 2016**
13. Savatia E. (2016). *Human Computer Interaction framework for visually challenged students in Kenyan public universities.* (**Kibabii University**)
 14. Muyobo D. K. (2016). *Designer's Ontologies and Application Usability Evaluation Framework for Unified Virtual Market Platform.* (**Kibabii University**)
- 2015**
15. Wanjala K. C. (2015). *A framework for information security for Bluetooth enabled phones.* (**Masinde Muliro University of Science and Technology**)
 16. Gathogo B. G. (2015). *Impact of Integration of ICT in Secondary Schools in Githunguri District, Kiambu County.* (**Mount Kenya University**)
 17. Njeru M. K. (2015). *A model for green Information systems in developing countries: Case of the republic of Kenya* (**Mount Kenya University**)
 18. Shikhovolo T. (2015). *Web-Based Business Applications and Performance of large scale retail outlets in Nairobi, Kenya.* (**Masinde Muliro University of Science and**

Technology)

19. Otieno G. K. (2015). *Information Systems security and implementation of security controls: A survey of small and medium enterprises in the financial sector in Kenya.* (Jaramogi Oginga Odinga University of Science and Technology)
20. Oloo V. A. (2015). *Analysis of cybercrime preventive measures and practices in Public Cybercafés in Kisumu City.* (Jaramogi Oginga Odinga University of Science and Technology)
21. Oguk O. C. (2015). *Effects of on job Information Technology security training on Network security.* (Jaramogi Oginga Odinga University of Science and Technology)
22. Achieng' A. L. (2015). *Cloud- based virtualization as an enabling technology for the transformation of Healthcare in Kenya.* (Jaramogi Oginga Odinga University of Science and Technology)
23. Halwenge M. P. (2015). *Formulating a Risk management strategy for Health Information Systems.* (Jaramogi Oginga Odinga University of Science and Technology)

2014

24. Musyoka M. M. N. (2014). *Assessment of the level of compliance by the universities to their ICT security policies: A survey of Kisumu County.* (Jaramogi Oginga Odinga University of Science and Technology)
25. Gonza O. O. (2014). *Web based Data collection, transmission and reporting system.* (Jaramogi Oginga Odinga University of Science and Technology)
26. Owiti S. O. (2014). *Development and Implementation of E-leave management system: case study of a banking sector.* (Jaramogi Oginga Odinga University of Science and Technology)
27. Wangila M. J. (2014). *Evaluating preparedness for social networks integration into learning: a case of Inoorero University.* (Kisii University)
28. Ogucha J. (2014). *Electronic waste management practices on the performance of small and medium enterprises in Kisii County, Kenya.* (Kisii University)
29. Nyale D. K. (2014). *Use of hybrid data mining in the identification of crime patterns in the Kenyan matatu industry within the Nairobi central business district.* (Kisii University)
30. Nduku J. (2014). *Challenges of integrating e-learning in secondary schools in Kenya. A case study of Makueni sub-county, Makueni County.* (Kisii University)

2012

31. Kiget N. (2012). *Evaluating usability of E-learning systems in Kenyan universities: a case of Kenyatta University.* (Masinde Muliro University of Science and Technology)
32. Cherioyot C. (2012). *Investigation of critical success factors in enterprise resource planning systems implementation in Kenyan University: A case study of Kenyatta University.* (Masinde Muliro University of Science and Technology)

**Funding
attracted**

Funding obtained from donors

Year	Position in Project	Responsibilities/Duties /Donor	Research/Project Title	Amount
2022	Principal Investigator	Coordinator and Principal Investigator of all activities, led and trained team in writing the proposal; accounting officer and technical reports production Donor: Orange Knowledge Programme –NUFFIC through EDUKANs Kenya	Capacity building of Bukura Agricultural College Teachers on Digital Pedagogy Baseline Survey (NL-KVK-32092131-2116).	\$ 5,000 (Ksh 0.5M)
2021	Member	Develop digital capacity programme and capacity build staff in Public Universities in Kenya Donor: UK Foreign, commonwealth and Development Office	Skills for Prosperity: Digital Education for Universities	\$1,370,000 (Ksh 164.4M)
2019	Project Coordinator	Coordinator and Management of the fully funded Scholarship for MSC IT for learners from the rest of East Africa Donor: German Development Bank	East African Community and by the Inter University Council of East Africa Master Scholarship at Kibabii University	\$28,000 (Ksh 2.8M)
2018	Project Coordinator and Principal Investigator	Coordinator and Principal Investigator of all activities, led and trained team in writing the proposal; accounting officer and technical reports producer; procuring research equipment Donor: National Research Fund	Kibabii University Information and Communication Technology HUB (KICTH): A Research Infrastructure support funding	\$646,000 (Ksh 64.6M)

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2016	Supervisor	Training MSc student, Mr. Peter W. Simiyu, on sourcing for research funding, undertaking research and accounting for funding Donor: The National Commission for Science, Technology and Innovation	E-waste management system for environmental sustainability in Kenya	\$ 3,300 (Ksh 0.33M)
2015	Supervisor	Training PhD student, Ms. Dorcus Arshley Shisoka, on sourcing for research funding, undertaking research and accounting for funding Donor: The National Commission for Science, Technology and Innovation	A framework for adoption of multimodal biometric security systems in government institutions in Kenya	\$ 4,600 (Ksh 0.46M)
2014	Supervisor	Training PhD student, Mr. Micheal Muchiri, on sourcing for research funding, undertaking research and accounting for funding Donor: The National Commission for Science, Technology and Innovation	Modelling security usability on digital inclusion in E-service provision	\$ 5,000 (Ksh 0.5M)
2012	Principal Investigator	Researcher and Preparing accounting documents for my supervisor to account Donor: The National Commission for Science, Technology and Innovation	Enhancing Green ICT through alignment of personnel capacity and work place readiness in Kenya	\$ 7,105 (Ksh 0.7105M)
Cumulative Total			Ksh 245.93M	

Grant research proposal that won

- Proposals that won regional accolades and funding for Kibabii University**
1. Proposal to the Lake Basin Region that won Kibabii University as a centre of excellence in computing in the Lake Region Economic Bloc (2019)
 2. Proposal to German Bank (KFW) and East Africa Community for hosting Masters foreign students in the Master of Science in Information technology in East Africa Region (2018)
 3. A model and Implementation for Internet of Things (IoT) based on Big data Analytics systems for Disaster Predication and Management (A multidisciplinary research funding project) (2017)
 4. Kibabii University Information and Communication Technology Hub (KICTH) to National Research Fund for Institutions Infrastructure support (2017)

Scholarships / Awards

1. 2021 Scholarship for postgraduate Microcredential “Skills for Prosperity Kenya” by the United Kingdom Government and Kenya Government at the Open University (UK)

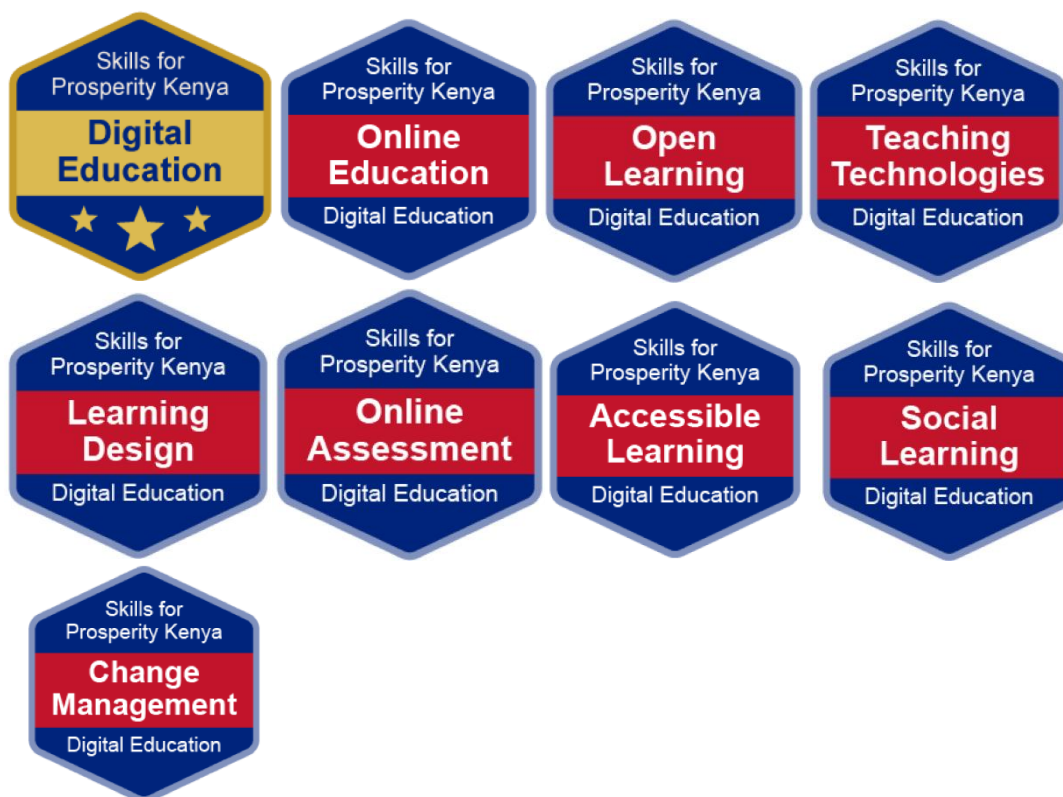
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2. 2010-2013 Scholarship for PhD research By NACOSTI at Masinde Murilo University of Science and Technology
3. 1988 -1991 Full undergraduate scholarship by the Government of Kenya at Egerton University

E-learning Digital Badges earned



Software project involved in

2005 to 2006

AMS, mySAP ERP computerization project at Mumias sugar company

2000 to 2002

PerPay Human Resources systems (Payroll, medical, training and recruitment, personnel, school, and industrial relations) at Mumias sugar Company.

Applications developed

2010

Examinations analysis and report management system: St. Patrick's Butende Secondary School

2007

Academic Management Information Systems (AMIS).

2005

Teacher Distribution Management System (TDMS)

Certificates of Merit in Drama

1. 2019 Awarded Merit certificate as **Regional Secretary** by Kenya National Drama and Film Festival (Bungoma)
2. 2019 Awarded Merit certificate as **Choreographer – Cultural and Modern dance** at Nationals level by Kenya National Drama and Film Festival (Bungoma)
3. 2019 Awarded Merit certificate as the **second runners up best Choreographer** –

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Cultural and Modern dance at Nationals level by Kenya National Drama and Film Festival (Bungoma)

4. 2019 Awarded Merit certificate as **Director spoken word / Narrative / Screen Play / Solo verse** at Nationals level by Kenya National Drama and Film Festival (Bungoma)
5. 2018 Awarded Merit certificate as **Technical Team official** by Kenya National Drama and Film Festival (Nairobi)
6. 2018 Awarded Merit certificate as **Director Play / Narrative / Mime / solo verse / choral verse / Modern Dance** at Nationals level by Kenya National Drama and Film Festival (Nairobi)
7. 2017 Awarded Merit certificate as **Director play / solo verse / choral verse** at Nationals level by Kenya National Drama and Film Festival (Kisumu)
8. 2016 Awarded Merit certificate as **Hall Management official** by Kenya National Drama and Film Festival (Meru)
9. 2016 Awarded Merit certificate as **coordinator** by the University Lake and Nzoia Region of Kenya National Drama and Film Festival (Meru)
10. 2016 Awarded Merit certificate as Best **Director play / Narrative / solo verse / choral verse** / at Regional level by Nzoia Region (Busia)
11. 2016 Awarded Merit certificate as **Director Play / Narrative / Modern dance** at Nationals level by Kenya National Drama and Film Festival (Meru)
12. 2015 Awarded Merit certificate as **Hall Management official** by Kenya National Drama and Film Festival (Nakuru)
13. 2015 Awarded Merit certificate as **Director Play / Narrative / Mime / solo verse / choral verse / Standup Comedy** at Nationals level by Kenya National Drama and Film Festival (Nakuru)
14. 2014 Awarded Merit certificate as **Director Play / Narrative / solo verse / choral verse** at Nationals level by Kenya National Drama and Film Festival (Nyeri)
15. 2013 Awarded Merit certificate as **University Welfare official** by Kenya National Drama and Film Festival (Mombasa)
16. 2013 Awarded Merit certificate as **Director Play** at Nationals level by Kenya National Drama and Film Festival (Mombasa)
17. 2013 Awarded Merit certificate as **Director Narrative** at Nationals level by Kenya National Drama and Film Festival (Mombasa)
18. 2013 Awarded Merit certificate as **Director Mime** at Nationals level by Kenya National Drama and Film Festival (Mombasa)
19. 2011 Awarded Merit certificate as **Director winning Narrative** at Nationals level by Kenya National Drama and Film Festival (Nairobi)
20. 2011 Awarded Merit certificate as **Director Play** at Nationals level by Kenya National Drama and Film Festival (Nairobi)
21. 2010 Awarded Merit certificate as Best **Director Play** at Nationals level by Kenya National Drama and Film Festival (Kisumu)
22. 2010 Awarded Merit certificate as **Director winning Narrative** at Nationals level by Kenya National Drama and Film Festival (Kisumu)
23. 2009 Awarded Merit certificate as **Director Play / Narrative / solo verse /**

choral verse at Nationals level by Kenya National Drama and Film Festival (Meru)

24. 2007 Awarded Merit certificate as an **Exemplary artistic director** by Booker Academy

25. 2007 Awarded Merit certificate as **Director Narrative** at Nationals level by Kenya National Drama and Film Festival (Nyeri)

National Awards

Achievements in Drama at the national level

2019

Directed at the Kenya National Drama and Film Festival held at Kibabii University (**Bungoma County**) the winning items listed below:-

- (i). Creative Modern Dance titled “The Razzmatazz” that was third position nationally.
- (ii). Creative Cultural Dance titled “Wambumuli” that was third position nationally.
- (iii). Spoken word titled “Tears of the pen” that was awarded the **best spoken word item on clean content**
- (iv). Play titled “Uongozi uozo” that was awarded the Best item on human rights

2018

Directed at the National Drama festival for school and colleges held at Nairobi (**Nairobi County**) the winning items listed below:-

- (i). Play titled “The red Scorpion” that was awarded the best item on drug and substance abuse.
- (ii). Modern Dance titled “Talenta- Tammazza” that was position two nationally

2017

Directed at the National Drama festival for school and colleges held Nakuru (**Nakuru County**) the winning items listed below:-

- (i). Play titled “The ghosts of 2007” that was awarded the **best item on Education**.

2016

Directed at the National Drama festival for school and colleges held at Meru School (**Meru County**) the winning items listed below:-

- (i). Play titled “The Serpent”.
- (ii). Narrative titled “Nirea” that won the **best item on Education** award.
- (iii). Modern Dance titled “Talenta- Tammazza” that the won the **best item on youth and talent enhancement** award and won the **adjudicators** award

2015

Directed at the National Drama festival for school and colleges held at Menengai High school and Lions high school (**Nakuru County**) the winning items listed below:-

- (i). Play titled “Scandals” that was the **best item exploring social evils in society** award.
- (ii). Choral Verse titled “Tuko tayari” that won the **best item on National Cohesion** award.
- (iii). Solo verse titled “Buibui” that the **runners up** solo verse
- (iv). Solo verse titled “Given legless”

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(v). Narrative titled “Abnormalities”.

(vi). Mime titled “Just for fifty bob” that won **the best anticorruption** award

2014

Directed at the National Drama festival for school and colleges held at Kagumo Teachers Training College and Bishop Ng’andu girls high school (**Nyeri County**) the winning items listed below:-

- (i). Play titled “Venom bed capacity” that was the **best education** item award and **best item exploring social evils in society** award.
- (ii). Choral Verse titled “Vipatakilishi” that won the **best item on use of ICT** award, **second runners up best Kiswahili choral verse** award and **the Adjudicators** award.
- (iii). Solo verse titled “I am the legless” that won **the Adjudicators** award
- (iv). Narrative titled “Omwana 50”.

2013

Directed at the National Drama festival for school and colleges held at Chandaria hall and Aga Khan high school (**Mombasa County**) the winning items listed below:-

- (i). Mime titled “Not my responsibility” that was the **second runners up**.
- (ii). Play titled “Twenty five years ago” that won the **best education** item award.
- (iii). Narrative titled “Amigambo”.

2012

Directed at the National Drama festival for school and colleges held at Kakamega high school and Mukumu girls’ high school (**Kakamega County**) the winning items listed below:-

- (i). Narrative titled “Abiola” that was the **second runners narrative**.
- (ii). Choral verse titled “Pandashuka” that was the **second runners up**.
- (iii). Solo verse “Mchuano” that was the **second runners up**.
- (iv). Play titled “Priority number 12” that won the **best civic education** award.

2011

Directed at the National Drama festival for school and colleges held at Lenana high school and Bomas of Kenya (Nairobi) the winning items listed below:-

- (i). Narrative titled “Khurebana” that was the **winning narrative**.
- (ii). Choral verse titled “Madhila” that was the **second runners up**.
- (iii). Solo verse “Mavasi yanayowapendeza” that was the **second runners up**.
- (iv). Play titled “Venom” that won several awards.

2010

Directed at the National Drama festival for school and colleges held at Kisumu

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Pentecostal Church the winning items listed below:-

- (i). Narrative Titled “Omwana” that was the **winning narrative**
- (ii). Play titled “Permutations” that was the **winning play**
- (iii). Was the **best / winning director**: Play “Permutations”.

2009

Directed at the National Drama festival for school and colleges held at Meru High school the items listed below:-

- (i). Narrative titled “Kumukasa”
- (ii). Choral verse titled “Mwenyekiti”
- (iii). Solo Verse titled “Tongues and Talons” which was awarded the **Best anti-corruption item**
- (iv). Play titled “Fighting temptations”

2007

- (i). Scripted and directed a narrative “Ekhanafu”: The chameleon at Booker Academy at the National Drama festival for school and colleges held at Tumu Tumu High school. It was the **best English** narrative and the **best anti-corruption** narrative. The narrative won the **runners up** décor and costume award.

2004

- (i). Script and directed a narrative “Mukoyobaka” at Booker Academy that was the **second runners up** at the National Drama festival for schools and colleges held at Lenana High school. The narrative was also awarded the runners up décor and costume award, produced the **second runners up** best narrators. It was the second best anti-corruption item

**Drama
adjudication
professional
experience**

1. **2020** Adjudicator Kakamega County Festival (**Primary schools**)
2. **2019** Adjudicator Rift Valley Region Festival (**Secondary schools**)
3. **2018** Adjudicator Coast Region Festival (**Secondary schools**)
4. **2017** Adjudicator Aberdares Region drama festival (**Teacher Training Colleges**)
5. **2017** Adjudicator Western Region drama festival (**Primary**)
6. **2016** Adjudicator Aberdares Region drama festival (**Secondary**)
7. **2015** Adjudicator Vihiga county drama festival (**Primary**)
8. **2014** Adjudicator The Lake Region Festival (**Secondary**)
9. **2013** Adjudicator Vihiga county drama festival (**Secondary**)
10. **2012** Adjudicator Vihiga county drama festival (**Secondary**)
11. **2011** Adjudicator Kakamega district drama festival (**Secondary**)
12. **2010** Adjudicator Lugari district drama festival (**Secondary**)
13. **2009** Adjudicator Hamisi district drama festival (**Secondary**)
14. **2008** Adjudicator Matete Zonal drama festival (**Secondary**)
15. **2007** Adjudicator Bungoma Zonal drama festival (**Secondary**)

2011

**Current research
/ research
interest**

Green Information and Communication Technology (ICT), ICT application and management

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Programme leadership	(i) Doctor of Philosophy in Information Technology at Kibabii University since 2012
	(ii) Master of Digital Security and Forensics at Kibabii University since 2019
Accredited Curriculum development	At Kibabii University 2021
	(i) Master of Science in Digital Security and Forensics
	2020
	(ii) Master of Science in Computer Science
	2015
	(iii) Doctor of Philosophy in Information Technology
	(iv) Master of Science in Information Technology
	(v) Bachelor of Science in Information Technology
	(vi) Bachelor of Science in Computer Science
	Inter University Council for East Africa 2014
Consultancy	(vii) Harmonization of undergraduate Computer Science Programmes and Undergraduate Information Technology programmes within East Africa.
	Kenya Institute of Education 2009
	TEP Diploma computer science syllabus
	Masinde Muliro University of Science and Technology 2008 - 2009
	Master of Science in Information Technology
	Bachelor of Science (Information Technology)
	Kenya Institute of Education 1995
	KCSE computer studies syllabus
	1994
	TEP Diploma computer science syllabus
Consultancy	2014 to date
	(i). Programme evaluation and resource verification for Commission for University Education and Inter University Council of East Africa
	(ii). University institution audits and inspection for Commission for University Education and Inter University Council of East Africa
	2015
	(iii). Facilitation at Bungoma County convention whose theme was “Visioning ICT for Bungoma County”
	2014
	(iv). ICT Bungoma County ICT task force. To formulate a policy framework for the County ICT operations.
	2010
	(v). Odeo I, Abenga E, Nyongesa H, Wakhungu J, Poipoi W, Wabwoba F , Karume S, Kilwake J, Koteng G and Gorreta M (2010). Training of Trainers (TOT),

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Bukura Agricultural College in house Training. Facilitated on Training methods, Simulation briefing, Simulation Exercise, Video Recording, Viewing and Critique. Funded by Bukura Agricultural College (BAC)

1998 to 2009

**ICT Examiner
out of university**

Kenya Accountants and Secretaries National Examinations Board (KASNEB)
Kenya National Examinations Council (KNEC)
Institute of Management Information Systems
(IMIS)

**Established
linkages**

Established linkages at Kibabii University by The School of Computing and Informatics under my tenure as the Dean with organizations notably among them being:

- (i) Information Systems Audit and Control Association (ISACA)
- (ii) ORACLE
- (iii) CISCO
- (iv) National Industrial Training Authority (NITA)
- (v) International Business Machines (IBM)
- (vi) HUAWEI
- (vii) GOOGLE
- (viii) Kenya Youth Employment Opportunities Project (KYEOP)
- (ix) Ajira jointly with the ministry of Information and Communication Technology
- (x) National Research Fund
- (xi) East Africa Community and Germany (EAC/KFW) sponsoring Masters students from East Africa
- (xii) The Lake Region Counties Bloc by winning to be Centre of Excellency for Computing in the Lake Region Bloc at Kibabii University.

**Community
Service**

- 1. April 2020 to date: Contribution of Kshs. 4,596/= monthly of my salary towards COVID 19 pandemic contribution
- 2. November 2019 Donated masks to my village worth Kshs. 2,500/=
- 3. October 2018 to Date: Vice Chairman of the Association of Computing Professionals Kenya
- 4. December 2016 to Date: Founding Chairman of the Thespians Welfare Association (An Association of drama trainers in the whole Republic of Kenya)
- 5. March 2021 to date: Donation towards support accorded to needy students at the University
- 6. January 2009 to Date: Chairman of the Kenya National Drama Festival and Film Western Region Universities
- 7. December 2015 to date: Member of Board of Management: Friends Secondary School, Kuywa
- 8. Aug 2012 to date: Member of Board of Management: Milo Secondary School
- 9. 2016 to 2018: Member of Board of Management: St. Luke's, Kimilili Boys High School
- 10. Dec 2015 to 2018: Member of Board of Management: Friends Secondary School, Mang'ana
- 10. 2013-2015: Donated ACM communication Magazines to Kibabii University Library
- 11. 2005 to date: Elder, CRISCO church

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Interests / Hobbies	Preaching the Gospel, researching, systems development, Drama, Volleyball and Management
Membership of Professional Associations	<ol style="list-style-type: none"> 1. Association of Computing Machines (The highest Computer Science and Information Technology professional body in the world): Professional Membership Number 4240505 2. The Association of International Engineers (Software Engineer) (IAENG): Member No: 145980 3. Association of Computing Practitioners – Kenya (KACP) Member No: PM000008 where I am the First National Vice Chairman
Referees	<ol style="list-style-type: none"> 1. Prof. Isaac Odeo Ipara Vice Chancellor, Kibabii University, P.O. Box 1699-50200, Bungoma. Mobile Phone 0725429397 Email: iodedo@kibu.ac.ke / iparaodeo@yahoo.com 2. Prof. Solomon I. Shiabairo Vice Chancellor, Masinde Muliro University of Science and Technology, P.O. Box 190-50100, Kakamega. Mobile Phone 0721683509 Email: sshibairo@mmust.ac.ke 3. Prof. Kirimi Henry Kiriamiti, Deputy Vice Chancellor (Administration, Planning and Strategy), Moi University, P.O. Box 3900-30100, Eldoret. Mobile Phone 0720880539 Email: kiriamiti@mu.ac.ke or dvcapd@mu.ac.ke

Sign: 

Prof. Franklin Wabwoba, PhD
Professor of Information Technology

Date: October 3, 2023

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