

DR. WAI THAKA STEPHEN TITUS

P.O. Box 10056 – 00400,
Nairobi, Kenya.

Email Address:
waithakast@gmail.com
Alt email: waithaka.stephen@ku.ac.ke

Phone: +254722222260 +254770259818

RECOGNITIONS/AWARDS

1. CISCO advanced level lecturer
2. CISCO 10 years of lecturing meddle.
3. Member of **editorial board of Horizon Research Publishing(HRPUB)** journal of Computer Science and Information Technology, Engineering International (EI) journal

MANAGEMENT POSITIONS

Kenyatta University, Kenya:

2013: Deputy Director, examinations
Kenyatta University, DSVOL, Kenya

2007 to 2012: Academic advisor of computer science students at Kenyatta University and ICT lecturer, Department of Computing and information technology, school of Engineering.

Multimedia university, Kenya

1997 to 2004: Head of Cisco academy and electronics and telecommunications laboratories

2005 to 2007: Manager, Community Based Internet facilities at Multimedia university funded by Korean government

ACADEMIC BACKGROUND

	2010 to 2013
KENYATTA UNIVERSITY	Doctor of Philosophy (Ph.D) in Management of Information System (MIS) by Course Work, Examination and Thesis
EUROPEAN BUSINESS SCHOOL (UK)	2006 – 2008 Master Degree in Information Technology
EUROPEAN BUSINESS SCHOOL (UK)	2003 – 2005 Bachelor of science degree in Information Technology
KENYA POLYTECHNIC COLLEGE	1988-1990 Higher National Diploma (Telecommunications, IT and Electronics)

PROFESSIONAL COURSES

KOREA AGENCY FOR DIGITAL OPPORTUNITY AND PROMOTION, SEOUL, SOUTH KOREA	2007 Certificate in management of community based Internet facilities
NELSON MANDELA METROPOLITAN UNIVERSITY, SOUTH AFRICA	2006 CISCO Academy Instructor IT Essentials course
JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY	2003 CISCO Academy Instructor course (CCNA 1-4)
INSTITUTE OF ADVANCED TECHNOLOGY	2002-2004 Microsoft Certified System engineer (MCSE) certification course

KENYA COLLEGE OF
COMMUNICATION TECHNOLOGY
(KCCT)

2005

Computer Based Spectrum Management certificate course

IAEA, VIENNA AUSTRIA

1993

**Certificate Course on Troubleshooting And Maintenance of Nuclear
Electronics equipment**

WORKING HISTORY

KENYATTA
UNIVERSITY
COLLEGE

**2013 to date: Deputy Director Examinations, Kenyatta university,
DSVOL**

Key duties:

- Supervise the setting, administration and processing of examinations in all schools and eleven (11) campuses of Kenyatta University in Kenya and outside Kenya
- Coordinate the admissions, teaching of students and oversee the management of examinations in all the centers
- Liaise with Kenya embassies to organize for our students to sit examinations at the embassies
- Maintain a database of all the students admitted, courses offered, examination results and qualified and approved lecturers in the 10 campuses of KU.
- Leading a team of staff in all the regional centers in Kenya and outside Kenya
- Represent Kenyatta University in forums where my technical expertise is required
- Manage the yearly budget allocated to my section

MULTIMEDIA UNIVERSITY
COLLEGE OF KENYA

1997 to 2004: Head of section Cisco academy and electronics and telecommunications laboratories

2005 to 2007: Manager, Community Based Internet facilities at Multimedia university funded by Korean government

January 1997 to July 2004: IT Lecturer, and Head of section Cisco academy and electronics and telecommunications laboratories

2005 to 2007: Manager, Community Based Internet facilities at Multimedia university funded by Korean government

UNIVERSITY OF NAIROBI

1990-1997

Senior technologist

KENYA INSTITUTE OF MASS
COMMUNICATION

1986-1990

Engineering Lecturer

AREAS OF COMPETENCE

- Teaching ICT courses which includes and not limited to:
 - Management of Information System
 - Computer networking and administration
 - Data communication
 - Artificial Intelligence
 - Software engineering
 - Software development analysis
 - Computer security
 - Human computer interface
 - Analog and digital electronics
 - Microcomputer architecture and systems
 - Project management
 - Management of information system
 - Network design and implementation
 - Operating system
 - Organization theory and behavior
 - Research methods
 - Introduction to Business Statistics and econometrics

- Introduction to business economics
- Business administration management courses
- E-commerce
- Managing academic sections technical support units
- Managing academic and technical staff
- Being a contact/Liaison person between an organization and an external entity e.g. funding, sponsor, collaborating organizations etc
- Managing examinations and quality assurance E-learning mode of education
- Formulating academic and technical strategic plans

PROGRAMS CURRENTLY TEACHING

- Ph.D in Information Technology and Information Systems at Kenyatta University and Kisii University
- MSc. Information Technology, MBA (MIS option), MSc. Computer science and MSc. Information Systems at Kenyatta University and United States of America International University.
- BSc. Computer Science, BSc. Information Technology and IT management courses

AREAS OF RESEARCH INTEREST

- i. Inter-organization information system
- ii. Internet villages in rural areas
- iii. Kenya inter-counties information system inter-links for rural development
- iv. Sustainability of business innovations
- v. Information technology integration in business processes

PUBLICATIONS

1. **Title:** The Relationship between Technological Factors and Inter-Organizational Information Systems Adoption by Universities in Kenya:
Journal: International Journal of Scientific Engineering and Technology, Vol.2, No.11.
- 2.
3. **Title:** Environmental Factors that influence Supply Chain Management Implementation in the Manufacturing Industries in Kenya: A Case of Manufacturing Industries in Nairobi, Kenya.
Journal: ABC Journal of Advanced Research, Vol. 1, No. 2/2012.
4. **Title:** The Relationship between Technological Factors and Inter-Organizational Information Systems Adoption by Universities in Kenya.
Journal: [International Journal of Scientific Engineering and Technology \(Vol.2, No. 11\)](#)

5. **Title:** Determinants of Inter-organizational Information System Adoption. Publisher: Scholars' Press Publishing, ISBN 978-3-639-70013-8
6. **Title:** An investigation into the applicability of green IT concepts into green IS.
Journal: [International Journal of application](#) or innovation in engineering & management (ISSN 2319-4847), Volume 3, Issue 12, December, 2014.
7. **Title:** Review of Technology Acceptance Model usage in predicting e-commerce adoption. **Journal:** International Journal of Application or Innovation in Engineering & Management (IJAIEM). Volume 4, Issue 1, January 2015. ISSN 2319 -4847. Web Site: www.ijaiem.org. Access it at: (<http://www.ijaiem.org/volume3issue12/ijaiem-2014-12-30-75.pdf>)
8. **Title:** Customers Perception on Prior Knowledge of Technology and its Effect on Usage of Internet Banking In Commercial Banks in Kenya. **Journal:** International Journal of Recent Research in Social Sciences and Humanities (IJRRSSH) Vol. 2, Issue 2, pp: (146-156), Month: April 2015 - June 2015, **ISSN 2349-7831**. Available at: www.paperpublications.org
9. **Title:** The Effect of Customers Perception on Security and Privacy of Internet Banking On Its Usage in Commercial Banks in Kenya. **Journal:** International Journal of Recent Research in Mathematics Computer Science and Information Technology Vol. 2, Issue 1, pp: (219-229), Month: April 2015 – September 2015, **ISSN 2350-1022**. Available at: www.paperpublications.org
10. **Title:** The Impact of Customers Perception on Cost of Internet Banking on Its Usage in Commercial Banks in Kenya. **Journal:** International Journal of Recent Research in Commerce Economics and Management (IJRRCM) Vol. 2, Issue 2, pp: (124-133), Month: April 2015 - June 2015, **ISSN 2349-7807**. Available at: www.paperpublications.org

POSTGRADUATE SUPERVISIONS

I. DOCTOR OF PHILOSOPHY (PhD) SUPERVISIONS

Currently supervising three (3) PhD students listed below:

Student Name	Topic Title	Research stage
Mugo Muchangi David (D86/CTY/25327/20111)	Effect of adoption of mobile technology on the performance of saving and credit cooperative societies in Nairobi county, Kenya.	Data collection
Njogo Michael Njoroge (D86/CTY/13744/209)	Effect of risk factors on the return of portfolio at Nairobi stock exchange	Data collection
Ndengera George Muriithi	Effect of organizational culture on the performance of firms. A case of firms listed at Nairobi stock exchange, Kenya.	Proposal stage

II. MASTER IN BUSINESS ADMINISTRATION SUPERVISED AND GRADUATED

Student Name	Topic Title	Date Graduated
1. Kilebwa M. Nzevekeka (D53/OL/24949/2011)	The effect of customers perception On the usage of internet banking In the commercial banks in Kenya	17 th July 2015
2. Josephine Chepkoech	Relationship between MIS implementation strategies and organizational customer registration performance in NHIF, Nairobi, Kenya	17 th July 2015
3. Patrick L. Muthoka (D53/EMB/PT/23209/2011)	Impact of Mobile banking on the financial performance of commercial banks in Machakos county, Kenya	17 th July 2015
4. Masara K. Debra (D53/CTY/PT/23246/2011)	Influence of mobile applications capabilities on the e-commerce adoption. A case of selected SME's in Nairobi, Kenya	17 th July 2015

III. MASTER IN BUSINESS ADMINISTRATION SUPERVISION CONTINUING

Student Name	Topic Title
1. Paul Kamau Kamiru D53/CTY/PT/24744/2013	Impact of internet connectivity on service quality of commercial banks in Kenya
2. Ondari Lilian Nyabate D53/CTY/PT/24680/2013	Effect of information and communications technology adoption on performance of SMEs in Kenya
3. Wanjohi Peter Ngari D53/CTY/PT/26024/2013	Information systems adoption by the insurance companies in Kenya. A case of insurance firms in Nairobi county, Kenya
4. Nandasaba Samuel MIT/2013/50898	E-health implementation challenges in Kenyan. A case of public hospitals in Kenya
5. Ithelu Ndetei Innocent MIT/2013/51571	Evaluating factors influencing cloud computing adoption in deposit taking SACCOs, Nairobi county, Kenya.
6. Esther Nyambura Gathuo MIT/2013/23956	Impact of e-learning adoption on the performance of High Schools in Kenya. A case of public secondary schools in Thika county, Kenya.
7. Michael M. Nyoro MIT/2014/62897	Evaluating the factors influencing e-commerce adoption in industries in Kenya: A case of manufacturing SMEs in Nairobi, Kenya
8 Caroline M. Ngotho D53/OL/23079/2012	Constraints facing adoption of e-commerce in SMEs in Kenya.

AREAS OF COMPETENCE

- Teaching ICT courses which includes and not limited to:
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 - Data communication
 - Computer security
 - Human computer interface
 - Analog and digital electronics
 - Microcomputer architecture and systems
 - Project management
 - Management of information system
 - Network design and implementation
 - Operating system
 - Organization theory and behavior

- Research methods
- Introduction to Business Statistics and econometrics
- Introduction to business economics
- Business administration management courses
- E-commerce
- Managing academic sections technical support units
- Managing academic and technical staff
- Being a contact/Liaison person between an organization and an external entity e.g. funding, sponsor, collaborating organizations etc
- Managing examinations, teaching and quality assurance E-learning mode of education
- Developing learning content for distant learning programs
- Formulating academic and technical strategic plans

PROGRAMS CURRENTLY TEACHING

- Ph.D in Information Technology and Information Systems at Kenyatta University and Kisii University
- MSc. Information Technology, MBA (MIS option), MSc. Computer science and MSc. Information Systems at Kenyatta University, USIU and Mt. Kenya University.
- BSc. Computer Science, BSc. Information Technology and IT management courses

AREAS OF RESEARCH INTEREST

Inter-organization information system

- vi. Adoption of Internet villages in rural areas
- vii. Adoption of Internet villages in rural areas
- viii. Factors that would enhance Internet access in rural areas in Kenya
- ix. Kenya inter-counties information system inter-links for rural development
- x. Sustainability of business innovations
- xi. Effects of Information technology integration in business processes

CONFERENCES AND SEMINARS ATTENDED:

1. Publishing Scientific research seminar conducted by Springer publishers on May 30, 2013.
2. South Africa qualification authority seminar on promoting genuine qualification at Pretoria on 24th and 25th November 2014
Participation level: Presented a paper
3. Conference on managing examinations malpractices in Egerton University at Egerton University, Kenya from 17-19 September 2014.
Participation level: Main presenter.
4. 2ND Bi-Annual Quality Assurance and Accreditation In Higher Education Conference 2014 held on 3rd, 4th & 5th September 2014 at Southern Sun Hotel, Johannesburg, South Africa.
Participation level: Chairman of the conference

5. 2014 eLearning Innovations Conference & Expo, held on 29th - 31st July, 2014 held in Nairobi, Kenya
Participation level: Conference participant and chaired some sessions
6. Conference on Combating Education Irregularities & Examination Fraud summit in Africa 23rd – 25th July 2014, organized by Africa Mission Consortium (AMC) at Intercontinental Hotel, Kenya.
Participation level: Chairman of the conference
7. Held on 29th - 31st July, 2014
8. 2nd annual conference on Combating Education Irregularities and Examinations Fraud Summit on 14th - 16th of April 2014 at the Southern Sun in Johannesburg, South Africa.
Participation level: Presented a paper.
9. Seminar on teaching, setting and marking examinations methodology, held at Kenyatta University, Kenya on 28th to 14th November 2013.
Participation level: Participant as a lecturer
10. Information ethics and literacy workshop, at Kenyatta University, Kenya. Held on 13th to 14th July 2015.
11. 2nd Annual Combating Education Irregularities & Examination Fraud East Africa Summit held from 22nd – 24th July 2015, at Inter-Continental Hotel, Nairobi, Kenya.

Committee served and appointment date	Position held in the committee	Appointing authority
Committee of rebranding Institute of open and distance learning on November 2013	Secretary	Vice-Chancellor, Kenyatta University
1. Missing marks elimination committee on 1 st October 2014	Member	Deputy Vice-Chancellor Academics, Kenyatta University
2. Speech writing for dignitaries attending official launch of KU Digital School committee on 19 th May 2014	Speech writer	Deputy Vice-Chancellor Academics, Kenyatta University
3. Committee to investigate malpractices in PHD thesis on 24 th February 2014	Member	Vice-Chancellor, Kenyatta University
4. Tender processing committee on 17 th February 2014	Member	Vice-Chancellor, Kenyatta University
6. Vice-Chancellor's committee on innovation strategy 8 th January 2014	Member	Vice-Chancellor, Kenyatta University
7. Committee to come up with strategies of establishing a digital school at Kenyatta University on 17 th December 2013	Secretary	Vice-Chancellor, Kenyatta University
5. Committee to plan how to put KU programs in a commercial television	Member	Vice-Chancellor, Kenyatta University

COMMITE SERVED/APPOINTED

REFEREES

- 1. Dr. Charles Migwi**
Kenyatta University
P.O BOX 1307, Ruiru, Kenya
Phone: +254723-249662
Email: cmmigwi@yahoo.co.uk
- 2. Dr. Kamau-Wango**
Kenyatta University
P.O Box 43844-00100, Nairobi, Kenya
Phone: +254722 – 220865
E-mail: Kamauwango @ yahoo.com
- 3. Dr. Jane W. Kamau**
Kenyatta University
P.O BOX 43844-00100, Nairobi, Kenya
Phone: +254722-298047
E-mail: jaynekamau012@gmail.com

Student Name	Topic Title	Research stage
Mugo Muchangi David (D86/CTY/25327/20111)	Effect of adoption of mobile technology on the performance of saving and credit cooperative societies in Nairobi county, Kenya.	Data collection
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