



Dr. John M. Kandiri (PhD)

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John M. Kandiri holds a PhD in Information Systems, an M.Sc. (Information systems) and BSc.(Information Sciences - IT major) . He is Microsoft Certified Developer (MCP). His PhD was on Technology Innovation Implementation Effectiveness. In the PhD study data was collected from seven (7) African Universities distributed in six (6) countries. He holds a certificate of Lectureship award from Strathmore University and a Certificate in Applied Research from Steadman (now Synovate Group) Group and also certificate in CASE WRITING.

He has been a member of university ICT board, e-learning board and curriculum development team in the department. Among the curriculum have been involved in development was the Microfinance Diploma (Management of Information Systems module) currently offered by Strathmore University and whose curriculum development was sponsored by SwissContact (An NGO), and also the Strathmore University's M.Sc. (IT) curriculum. As the departmental chair, have lead in successful review of Computer Science and Bsc. Information Technology curriculum. Also the development of departmental strategic plan. He is a curriculum developer with African Virtual University (AVU). With a team comprised of Francophone and Lusophone speakers, the current task with AVU is to come up with database management systems and advanced database systems training modules.

Academic Background

- i. Sep 2010 – Sep 2014 – PhD (Information Systems), Kenyatta University;
- ii. Jan 2001 – June 2003 – Msc (Information Systems);
- iii. May 1994 – May 1998 – Bsc (IS – IT major) , Moi University

Funded PROJECTS

- i. e-police system – Funded by National Council of Science and Technology (NCST) , March 2010 – ongoing project
- ii. Digitalization of exams past papers, Kenyatta University (Funded by Partnership for Higher Education_Education Technology Initiative (PHEA-ETI) - June 2010 - June 2012.
- iii. Technology Innovations Implementation in HEI - PhD Project - Funded by Partnership for Higher Education, Education Technology Initiative (PHEA-ETI) and South African Institute of Distance Education (SAIDE) – January 2013 - June 2014.

Professional Work

- i. ICT Consultant at PAMECONSULT, development of an online Monitoring and Evaluation System for Kenya Forest Services (KFS) – Already user training has been done;
- ii. Digitalization of exams past papers, Kenyatta University (Funded by Partnership for Higher Education_Education Technology Initiative
- iii. ICT Innovations Judge. – The Next Big Thing . Consortium of Nation Media, Kenyatta University, Climate Innovation Centre and iHub that encourages innovators to submit their proposals and successful ones are funded
- iv. ICT Judge – The National Commission for Science, Technology and Innovation (NACOSTI)
- v. Consultant – Regional Centre for capacity Development (RCCDE) . An institution that trains organisational in professional skills.
- vi. Mentor – Chandaria Business and Innovation Centre (CBIIC) ICT and business incubates.
- vii. Reviewer – African Virtual University Conference Submissions

Academic and Research Publications

1. ***Ochara, N.M. Kandiri, J., and Johnson, R. (2014)*** "Influence processes of implementation effectiveness in challenged information technology projects in Africa", *Information Technology & People*, Vol. 27 Iss: 3, pp.318 – 340. Available online on Emerald Journal Database and accessible on <http://www.emeraldinsight.com/journals.htm?articleid=17116441&ini=aob>
2. ***Kandiri, J. , Wawire, N., Muganda, N. and Nzuki, D (2013)***, Effective Implementation of Technology Innovations in Higher Education Institutions: A Survey of Selected Projects in Africa Universities, 1ST International Conference Of The Avu 20th – 22nd Nov, 2013, Intercontinental Hotel; Nairobi, Kenya.

<http://www.avu.org/abstracts/effective.htm>

3. **Kandiri, J. , and Mtebe, J. (2014)** Determinants of Diffusion of Technology Innovations in Higher Education Institutions in Africa: A Social Network Approach. In Mhlanga, E and Withers, J. (Eds.), *Unlocking the Potential of ICT in Higher Education: Case Studies of the Educational Technology Initiatives at African Universities*, p. 18-28, South African Institute for Distance Education (Saide), Braamfontein . Retrieved from <http://www.saide.org.za/resources/PHEA/PHEA%20-%20Unlocking%20the%20Potential%20of%20ICT%20in%20Higher%20Education%20WEB.pdf> last accessed 12th May 2013
4. **Kandiri, J. , and Muganda, N. (2013)**, Determinants of Technology Innovation in Higher Education Institutions, IST-Africa, 29th – 31st May 2013 ,
5. **Kandiri, J. , and Muganda, N. (2013)**, Determinants of Technology Innovation Implementation Effectiveness in Higher Education Institutions, IST-Africa 2013 Conference Proceedings, IIMC International Information Management Corporation, 2013
6. **Muganda, N and Kandiri, J. (2013)**, Influence Processes of Implementation Effectiveness in Challenged Information Technology Projects in Africa, Proceedings of 7th Global Business and Social Science Research Conference 13 - 14 June, 2013, Radisson Blu Hotel, Beijing, China, ISBN: 978-1-922069-26-9

Previous Conferences and Presentations include:

- i. **Kandiri, J. , Wawire, N., Muganda, N. and Nzuki, D (2013)**, Effective Implementation of Technology Innovations in Higher Education Institutions: A Survey of Selected Projects in Africa Universities, 1ST International Conference Of The Avu 20th – 22nd Nov, 2013, Intercontinental Hotel; Nairobi, Kenya. <http://www.avu.org/abstracts/effective.htm>
- ii. **May 2013**: Accepted paper in IST-Africa 2013 Conference Proceedings, Determinants of Technology Innovation Implementation Effectiveness in Higher Education Institutions
- iii. June 2008. Presented findings on Viability of full-time Executive MBA to one of the Universities that had commissioned a research on that area;
- iv. 10th – 13th Dec 2007. Presented a paper of E-Government during the 1st International Conference on E-Government in Macao – China;
- v. **7th – 8th September 2007**. Presented a paper titled *Learning by Doing: Integrating Simulator-Based Learning in academic Networking Course in Higher Learning Institutions*. Paper was presented during the Strathmore University’s 8th Annual ICT conference (Theme Managing and Measuring ICT in Business and Education)
- vi. **Current CASE**: With supervision of Professor Lluís Renart from Spain, am writing an IT case (can also be business case) on Genius Executive Centre (GEC)

- vii. 14th – 16th March 2007 : 5th Eastern Africa Media Training, Organised by Inter Region Economic Network with theme , Turning African People in to resource, Presented a paper on “*Using Secondary Schools As Catchments for Skilled Software Developers through Adoption of Pedagogies to Foster Interest in Computer Programming: Case Study of Kenyan Computer Studies Training* “
- viii. 5th – 7th February 2007: 1st International Conference in Computer Science and Informatics (COSCIT 2007) on theme “Bridging the digital divide by realizing Computer Science & ICT research potential” , Nairobi, Kenya , hosted by School of Computing & Informatics, University of Nairobi, Kenya . Held at Kenya College of Communication & Technology (KCCT) Mbagathi where I presented a paper titled “*Teaching pedagogies to foster interest in computer programming in secondary schools*”

Post Graduate Supervision - PhD

- MIIMA, Florence Abuyeka (2014) , integration of information communication technologies in teaching and learning of Kiswahili language in public secondary schools in Kakamega county, Kenya . Appointed corrections supervisor for the final thesis. To graduate Dec 2014.

Post Graduate Supervision - Masters

- MUTUNGA J. Kimanathi , Evaluating User Satisfaction In Public Sector Information Systems: A Case Study Of Kenyatta University’s Campusvue, To Graduate December 2014 in Kenyatta University ;
- MAKHULO, James Nambusi, Team Leaders Role in Successful Implementation of Technology in Higher Education Sector: A Survey of Selected Projects at Kenyatta University, Graduated July 2014 in Kenyatta University ;
- ROUMANI, SANA, Implications of Internet Based Technology on Policy Framework and Learning Culture: The Case of Kenyatta University’s City Campus, Graduated December 2013 at Kenyatta University

Has experience in teaching following units in Post Graduate Level

- i. Public Sector Information Systems Management – Jan 2012 – April 2013 – Kenyatta University City Campus;
- ii. Data Communication and Networks – Dec 2012 – March 2013 – Catholic University Mozambique though distance learning;
- iii. Data Communication and Networks – April 2013 – July 2013 – Moi university City campus;
- iv. Cryptography and Network Security 2007 – Strathmore University
- v. Human Computer Interaction 2007 – Strathmore University

Leadership Roles and Transformation Achieved

- i. 2009 - Date, Chairman, Academic committee, Leshau Secondary School Board of Management - Introduced awarding top performers per subject by school alumni. Also with

team play have changed school view of management board as part of society. Also came up with draft proposal for funding of drilling of borehole which was successful and school now has clean and reliable water supply ;

- ii. 2013 - Date , Chairman, Ukombozi Green Garden Estate Welfare (Welfare has more than 500 members) - Seen registration of welfare and coming up with constitution ;
- iii. 2009 - 2012 , Chairman, Department of Computing and Information Technology (CIT), Kenyatta University - saw team play in department , review of all curricula , development of new courses and also brought proper procedures in department ;

Social work

JULY 2012 – DATE - John Kandiri is a member of board of governors, Leshau Boys Secondary school where he heads the academic committee.

March 2015 - Guest, Nyandarua North Education Day

He also educates one orphan who is now in high school;

Reference

Prof. Nixon Muganda Ochara

Associate Prof and Senior Lecturer, Department of Informatics,
Faculty of Engineering, Built Environment and Information Technology, University of Pretoria.

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Prof. Nelson H. W. Wawire

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School of Economics, Kenyatta University.

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Dr. David Nzuki

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School of Business, Kenyatta University.

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