

**Names:** Prof. Jude T Lubega

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### ***Profile***

Jude Lubega is a Professor of Information Technology who has vast experience in ICT4D. He is the Vice Chancellor of Nkumba University from January 2022 to 2026 and formerly Deputy Vice Chancellor of Uganda Technology and Management University from 2013 - 2019. He previously served in Makerere University from 2007 to 2012 as the Deputy Dean and the Head of the Information Technology Department in the College of Computing and Information Sciences. He has been the Chief Executive Officer for 8Tech Consults one of the leading ICT consulting companies in Uganda since 2007. He is a member of several Board Committees (RUFORUM Board Finance and administration Committee, UNEB Board Audit Committee, UNEB Board ICT Committee among others). He was listed among the 100 Movers and Shakers in Corporate Online Learning for 2018 in Africa. He is a member of the Rotary Club of Namasuba where he served as President 2019 – 2020.

He is an experienced ICT4D consultant and has undertaken numerous research and projects both nationally and internationally. He has won several research funding to undertake ICT4D projects. He is formerly a researcher and Lecturer in the School of Systems Engineering at the University of Reading, UK (2003 – 2006). He has been involved in developing several information systems including election monitoring using mobile devices.

His research interests include Tracking and Assessment in e-learning, Content Authoring, Multimedia, Multi-Agent Systems, Data Science, Knowledge Representation, ICT for Development (E-Governance, E-Health, E-Agriculture), Mobile Computing, ICT Strategic Planning and Management, Web-based Systems and Mobile Learning. He has published widely in journal, books, and conference proceedings.

**1. Academic Qualifications:**

- i) PhD. Computer Science December 2006, Reading University, UK: A Method for Personalised Feedback Generation during knowledge Construction.
- ii) M.Sc. Network Centred Computing, December 2002, Reading University, UK: Specialised in Electronic Commerce (Data Mining and Knowledge Discovery).
- iii) B.Sc. Computer Science and Statistics with an upper second-class honour's degree October 2001, Uganda Martyrs University
- iv) Certificate in Human Resource and management in 2001.

**2. Working Experience**

- 2022 – Date: Vice Chancellor of Nkumba University (NU)
- 2020 – to date: Independent evaluation committee member for Research, innovations, services, and engagements (RISE), College of computing and information sciences Makerere University.
- 2021 – 2022: Ag. Vice Chancellor of Nkumba University (NU)
- 2020 – 2021: Deputy Vice Chancellor of Nkumba University (NU)
- 2019 – to 2019 Independent evaluation committee member, for the Makerere University Research and Innovations Fund
- 2019: Independent evaluation committee member, for the African Host Universities for the RSIF
- 2019 to 2021: Independent evaluation committee member, for the RUFORUM Young Innovators awards
- 2013 – 2019: Deputy Vice Chancellor Academic Affairs of Uganda Technology and Management University (UTAMU)
- 2015 – 2019: Acting Deputy Vice Chancellor Finance and Administration of Uganda Technology and Management University (UTAMU)
- 2015 – to August 2015: Chairperson for the Task Force for the establishment of the Institute of IT Professionals in Uganda

- 2012 – 2015: Director in Uganda Technology and Management University Limited
- 2014 – to August 2015: Founding and Caretaker (Dean) of the Uganda Technology and Management University (UTAMU) Graduate School
- 2009-2013: Senior Lecture in the Department of Information Technology, Makerere University, Uganda
- 2009 to date: Chief Executive Officer (CEO), 8Tech Consults Limited, Uganda
- 2010 to 2016: ICT Committee Member of the Inter University Council for East Africa
- 2011-2012: Head of Information Technology Department, School of Computing and Informatics Technology
- 2008 – 2011: Deputy Dean in Charge of Graduate Studies and Research, Faculty of Computing and Informatics
- 2007-2009: Lecturer in the Department of Information Technology, Makerere University, Uganda
  - Taught Systems Analysis and Design, Data Warehousing, Modelling and Simulation, Object Oriented, research Methods, E-Business for the Master Programs
  - Taught Trends and Research Methods in Information Systems for PhD Course work and research
- 2003-2006: Lecturer in the Department of Computer Science, School of Systems Engineering at the University of Reading, UK.
  - Taught E-Business for Bachelor of Information Technology
  - Taught Data Warehousing and Data Mining for the Msc. Network Centred Computing

### **3. Academic Responsibilities**

#### **Inter University Council for East Africa (IUCEA)**

- 2010, Establishing the East African Network of Research Excellence and Observatory (EANREO): UNECA and IUCEA (Academic Consultant).
- 2009-2010 IUCEA Project, Enhancing the capacity of East African universities to utilize ICT for sustainable regional development: ICT staff-training programmes development and validation (Lead Researcher).

- March 2009, team member in the development of the ICT Policy for the Inter University Council of East Africa (IUCEA) (Member).

#### **National Council for Higher Education (NCHE)**

- Team leader for the verification of Rwenzori International University for award of Provisional University License, March 2022
- Discussant at the Stakeholders' consultative workshop to develop e-learning regulations, April 2021
- Team leader for assessing the application of ISBAT University to roll out ODeL System, July 2020
- Team leader for assessing the application of Victoria University to roll out ODeL System, August 2020
- Team leader for assessing the application of Bishop Stuart University to roll out ODeL System, September 2020
- Team leader for assessing the application of SAI PALI Institute of Technology to roll out ODeL System, September 2020
- Team leader for assessing the application of Busitema University to roll out ODeL System, September 2020
- Team leader for assessing the application of University of Kisubi to roll out ODeL System, October 2020
- Discussant at the workshop for the validation of Capacity Indicators for Higher Education Institutions, March 2019

#### **Ministry of Education and Sports – Uganda**

- Keynote speaker at the 3rd Teacher Education Symposium in 2021
- Committee member of the 1<sup>st</sup> Teacher Education Symposium in 2019

#### **Other Academic Consultancies**

- Development of the National Education Digital Agenda Strategy of Uganda – Ministry of Education and Sports – 2023
- Capacity of 7 Higher Education institutions in Uganda in Digital pedagogy and Instructional design – Cyber Schools and MasterCard Foundation - 2023

- Supporting 7 Higher Education Institutions in the development of E-learning Policy, Strategy and Business Model - Cyber Schools and MasterCard Foundation – 2023
- Capacity building of RUFORUM member universities in the use of e-learning for teaching and learning – RUFORUM – 2023
- Conducting an e-readiness assessment- Data Analysis and Reporting for UNCDF - 2023
- Developing a master Plan for the proposed Uganda national institute for teacher education (UNITE) - USAID - 2023
- End line study for enhancing ICT adaption, service delivery, content, and digital skills for small holder farmers- Uganda Communications Commission – UCC 2022
- Development of the 2023-2026 African Telecommunications Union Strategic and Financial Plan- ATU – 2022
- Baseline study on the state of ICT access and usage by persons with disabilities in Uganda – Uganda Communications Commission – 2022
- State of digital rights and governance in Uganda – Unwanted Witness – 2021
- Organizational ICT Capacity assessment and integration of eLearning in human capacity development – ESKOM Uganda Limited – 2021
- ICT Skills and Training Needs Assessment and Capacity Development Plan for Government of Uganda Civil Service, NITA-U and Ministry of ICT & National Guidance – 2021
- Feasibility study for establishment of a Digital Hub in A Teacher Training College (NTC) in Uganda, - ENABEL – 2021
- Integration of Learning Technologies at Civil Service College, Ministry of Public Service- Uganda – 2021
- RUFORUM –FAO family farmers ICT skills capacity building in Uganda, Kenya, Malawi, Zimbabwe, Botswana, Tunisia, Rwanda, and Ghana - 2020
- Baseline study for enhancing ICT adaption, service delivery, Content, and digital skills for small holder farmers- Uganda Communications Commission – 2020
- Development of Integrated Seed Tracing and Tracking System, ISSD Uganda - 2020

- Training of Teachers at Nkumba University (NU) in E-Learning and use of the Learning Management Systems under 2020 to date
- UNESCO AND MOES TIET/TVET BEAR 11 project ICT skills assessment and capacity building for 10 BEAR II beneficiary institutions – 2020
- Study on Electronic Devices End of Life Management – UCC, 2020
- Study on Use of social media in education and social economic empowerment, Uganda Communications Commission - 2019
- Customizing the Seed Tracing and Tracking System for the Sahel region particularly the nation of Mali (STTS Sahel region) - IFTC
- Training of Teachers at Bishop Stuart University (BSU) in E-Learning and use of the Learning Management Systems under the January 27-29 2016
- Training of University Teachers from across Teacher Trainers' Institutions in Ethiopia on e-learning and Learning Management Systems under the UNESCO 9-22 November 2015
- Training of Teacher Trainers from Primary Teacher Training Institutions on Learning Management Systems under the UNESCO Project August 2015-10-22
- Training of Uganda Technology and Management University (UTAMU) staff in E-Learning in 2013-2019
- Training of Kampala International University (KIU) in E-Learning in 2015
- Training of Makerere University Staff (COCIS and CAES) in E-Learning in 2014
- Training of Ministry of Education Uganda – Principals and Deputy Principals of Primary Teacher Training Colleges in E-Learning
- Training of Ministry of Education Mozambique (5 public Universities) in E-Learning in February 2011

#### Responsibilities

- Member of the Nkumba University (NU) Council – 2020 – to date
- Member of the Nkumba University (NU) Senate – 2020 – to date

- Member of the Uganda Technology and Management University (UTAMU) Council – 2012 - 2019
- Member of the Uganda Technology and Management University (UTAMU) Senate – 2012 - 2019

#### Curriculum Development

- Member of the team that developed the Uganda Technology and Management University (UTAMU) Computing Curricula since 2013 – 2015
- Member of the Team for Inter University Council for East Africa, ICT Training Curriculum development in 2013
- Participated in the revision of the Bachelor of Information Technology, Master of Information Technology and PhD in Information Technology Course work and research in 2009.

#### Examiner

- PHD External Examiner for Letsiri “The Role of The Public Protector in Promoting Democratic Governance” University of University of Johannesburg (2019)
- PHD External Examiner for Judas Peter Ramoshaba “Improving the Management of Inappropriate Utilization of Information Technology by University Students” University of University of Johannesburg (2017)
- PHD External Examiner for Jean-Paul M MUKA “A Conceptual Model for Information Technology Outsourcing” University of University of Johannesburg (2017)
- PHD External Examiner for Edgar Napoleon Asiiimwe titled “On Emerging Mobile Learning Environments” from Örebro University, Sweden (2017)
- External examiner for the University of Kisubi (UNIK) – 2017
- External examiner for the University of Johannesburg (2016- to date)
- PHD External Examiner for Nokulunga Sithabile Ndlovu titled “The pedagogical integration of ICTs by seven South African township secondary school teachers” from The University of the Witwatersrand (2015)
- External Examiner for Daphne Sithole, Master Dissertation from Nelson Mandela Metropolitan University (2014)
- External Examiner for Martha Mhongole “Development of an integrated academic repository to facilitate sharing of intellectual outputs from higher learning institutions in Tanzania”, Master of

Information Communication Science and Engineering, The Nelson Mandela African Institution of Science and Technology (2014)

- External Examiner for Lawrence Nehemiah “Development of a Semantically Interoperable Electronic Health Care Record Framework to Enhance Clinical Data Sharing and Decision Making in Tanzania Hospitals” Master of Information Communication Science and Engineering, The Nelson Mandela African Institution of Science and Technology (2014)
- External Examiner for Sylvester Gervas Kimbi “ A holistic secure model for remote electronic voting via Internet and mobile phones in Tanzania” PhD in Information and Communication Science and Engineering, The Nelson Mandela African Institution of Science and Technology (2014)
- External Examiner for Mohamed Dewa Waziri “A holistic secured maturity model for protecting information in e-government: a case study of Tanzania”, PhD in Information and Communication Science and Engineering, The Nelson Mandela African Institution of Science and Technology (2014)
- External Examiner for “Hard Real-Time Scheduling for Stochastic Runtime Jobs on a Cluster of Workstations” Master Dissertation of Faculty of Computing and Information Technology Makerere University (2006).
- External Examiner for “The State of Art and Practice in Online Learning” Master Dissertation of Faculty of Computing and Information Technology Makerere University (2006).
- External Examiner for PhD for “Designing Learning Objects for Adaptive Learning Environments” 2010 – TU Delft, Netherlands
- External Examiner for Mbarara University of Science and Technology in the Institute of Computer Science (2010-2014)
- External Examiner for Bishop Stuart University in Mbarara for the Department of Computer Science (2010-Date)
- External Examiner for Kyambogo University Department of Computer Science (2010-2014)
- External Examiner for Kigali Institute of Science and Technology, Rwanda for the Department of Computer Science and Engineering (2010-2014)

Visiting Lecturer

- A visiting senior lecturer in Department of Computer Science and Engineering in Kigali Institute of Technology, Rwanda (2010-2012)

Committees

- Member of the College Formation Committee “College of Computing and Information Sciences” – 2011

**4. Administrative Responsibilities**

- 2022 - 2026: Vice Chancellor of Nkumba University (NU)
- 2021: Ag. Vice Chancellor of Nkumba University (NU)
- 2020 – 2021: Deputy Vice Chancellor of Nkumba University (NU)
- 2018 – 2021: External Advisory Member for EPICA
- 2021-2024: Member of the ICT Committee for the Uganda National Examination Board (UNEB)
- 2017-2023: Member of the Audit Committee for the Uganda National Examination Board (UNEB)
- 2007 – to date: Chief Executive Officer (CEO) for Eight Tech Consults Limited
- 2013 – 2019: Deputy Vice Chancellor Academic Affairs of Uganda Technology and Management University (UTAMU)
- October 2015 – 2019: Acting Deputy Vice Chancellor Finance and Administration of Uganda Technology and Management University (UTAMU)
- 2014 – to 2015: Caretaker (Dean) of the Uganda Technology and Management University (UTAMU) Graduate School
- April 2011 to 2012 Head of Information Technology Department, School of Computing and Informatics Technology
- February 2008 to February 2011 Deputy Dean in charge of Graduate Studies and Research
- February 2009, chair of the Committee to revamp the Uganda Computer Society (UCS)

- 2008 to 2011, chair of the E-learning Research Group, Faculty of Computing and IT, Makerere University
- November 2007 to February 2008 Acting Deputy Dean in Charge of Academic Affairs
- 2007 to 2008 research Advisor for Graduate Students in the Information Technology Department

#### **5. *Projects Undertaken***

- 2021 – Team leader of Eight Tech Consults on Development of the RUFORUM E-Learning Management System
- 2021 – Team Leader of Eight Tech Consults for the ENABEL Project on Development of a strategy for implementation of a Learning Management System in the five national teachers' Colleges in Uganda.
- 2021 – Team Member of Eight Tech Consults for the Unwanted Witness Project on The current state and development of digital human rights and internet governance in Uganda.
- 2021 – Team Leader of Eight Tech Consults for the UICT Project on Content development for digital literacy skills transfer by 50 trained community instructors (change agents) to 5000 community members in 30 districts across the country.
- 2021 – Team Member of Eight Tech Consults for the ENABEL Project on Feasibility assessment for establishment of pilot digital hub at Kabale national teacher training college
- 2021 – Team Leader of Eight Tech Consults on Development of the ESKOM, Uganda Learning Management System.
- 2020-2022 – Team Leader from Eight Tech on UCC collaborative project for Enhancing ICT adaption, service delivery, content and digital skills for smallholder farmers.
- 2020 – Team Member of Eight Tech Consults for a UNESCO funded project on Building Ministry of Education and Sport (MOES) (Instructors) Capacity in Delivering TVET through ICT under the better Education for Africa's Rise (BEAR ii) Project.
- 2020 – Team leader of Nkumba University Digital Space (Learning Management Systems, plus other digital systems) development.
- 2020 – Team Leader of Eight Tech Consults on Development of the Civil Service College Learning Management System.

- 2020 – Team Leader of Eight Tech Consults on the Development of ISSD Digital Seed Tracking and Tracing System.
- 2019 – Team member for the BUVAD Resource mobilization capacity building and development of resource mobilization strategy development.
- 2019 – Team leader of Eight Tech Consults on Development of the RUFORUM Information Management Systems (RIMS).
- 2019 – Team member (senior researcher) for the Management of Electronic Device End of Life and E-waste management Project.
- 2019 – Associate Researcher on Developing a Turnaround Strategy for Uganda Institute of Communication and Information Technology (UICT), funded by Uganda Communication Commission (UCC).
- 2019 - Lead researcher on Collaborative Research on Evaluation of Use of social media for Educational Purposes and Economic Empowerment in Uganda, funded by Uganda Communication Commission (UCC).
- 2019 - Lead consultant on Research Study of Current Teacher Incentive Practices in Selected Primary Schools in Uganda, funded by UNICEF.
- 2019- Lead researcher on Collaborative Research on Assessment of the State of Information Communications Technology (ICT) for Agricultural Innovations in Uganda, funded by Uganda Communication Commission (UCC).
- 2018 - Lead researcher on ICT Innovation Initiatives Impact Assessment funded by Uganda Communication Commission (UCC).
- 2018 – Development of The Terms of Reference (TORs) for the Design and Procurement of a Management Information System (MIS) for DGF.
- 2018 – Associate Consultant in Radix on Conducting a Western Local Governments Annual performance assessment for 2017 and accountability requirements and cross cutting and sectoral functional processes and systems for the Office of the Prime Minister.
- 2018 – Associate Consultant in Radix on Assessing 56 Public Sector Organizations in Uganda on behalf of the Office of the Prime Minister.

- 2018 – Associate Consultant in Radix on the Mid-Term Evaluation of the Makerere University Sida Research Collaboration Programme funded by SiDA.
- 2017 - Team leader of Eight Tech Consults on Review of existing NPA reporting and HRIS and developing a more suitable automated system funded by GIZ.
- 2017 – Project Leader for the Research Project on Needs Assessment for Peace Education funded by UNESCO-ICBA.
- 2017 – Project Leader for the Project on Collaborative Prefeasibility and Feasibility Study for The ICT Innovation Support Project funded by Uganda Communication Commission (UCC).
- 2017 – Associate Consultant in Radix for the Conducting of a Joint Annual Review of three Implementing Partners Supported by DGF.
- 2017 – Associate Consultant in Radix and Ass Project Leader for Developing a Reward system for Motivation of teachers in Uganda under the Ministry of Education and Sports funded by UNICEF.
- 2017 – Associate Consultant in Radix on Evaluating the Performance of 15 Public sector organisations in Uganda under the Coordination of the Office of the Prime Minister, funded by DFID and coordinated by 3ie.
- 2017- Project Leader for the Roll out of the PPDA E-Learning in Public Procurement and Contract Management funded by Ministry of Finance (FINMAP).
- 2017 – Project leader for the Production of short, animated skits on financial literacy based on the core messages developed under Bank of Uganda’s strategy for financial literacy in Uganda funded by GIZ.
- 2017 Production of short, animated skits on financial literacy based on the core messages developed under Bank of Uganda’s strategy for financial literacy in Uganda funded by GIZ.
- 2017 – Project Leader for Developing a Financial Literacy Mobile App Based On The Financial Literacy E-Learning Tool, under Bank of Uganda’s strategy for financial literacy in Uganda and funded by GIZ.
- 2017: Team leader for the Project on Capacity building in e-learning for teachers of TTIs funded by UNESCO China Trust Fund.
- March 2016 – May 2016: PPDA Project on Developing a Public Procurement and Disposal E-Learning System.

- June 2016 - Associate Consultant in Radix on Conducting an Evaluation To Ascertain The Cumulative Results Of The Voter Education Programme Undertaken By The DGF 14 Partners Through The 16 Voter Education Projects Over The Period Of One Year: June 2015 – May 2016, funded by DGF.
- December 2015 – December 2016: GIZ Project on Implementing a Master in Monitoring and Evaluation.
- December 2015 – June 2016: Belgian Technical Corporation (BTC) project on Developing a Framework for National Training Teachers Colleges.
- September 2015 – February 2016: GIZ and Bank of Uganda Project on Implementing an e-learning Financial Literacy Programme.
- May 2015 – December 2015: UNESCO Project on Building the capacity of teacher educators in effective use of learner management system (LMS) in networking and partnership among the key TTIs and school-based teachers' continuous professional development.
- February 2015: Participated in the development and installation of the Kampala International University Learning Management System plus training its staff.
- February 2015: Participated in the development and installation of the Bishop Stuart University Learning Management System plus training its staff.
- 2015 – August 2015: GIZ Project on Implementing a Postgraduate Certificate in Evaluation.
- 2014 – Part of Team that developed the Social Economic Development Association (SEDA) Strategic Plan.
- 2013 – Team Leader on the Development of the Mpanga Tea Grower Enterprise Management System.
- 2013 – Senior Researcher on the Project funded by UNIDO, Microsoft and Microsoft Innovation Centre Uganda called: The Impact of Information Communication Technologies (ICTs) on Small Holder Farmers Particularly Women- Draft Report.
- 2013 – Developed a Strategic Plan for Uganda Business and Technical Examinations Board (UBTEB).

- 2012 – Developed the first Strategic Plan for Uganda Technology and Management University (UTAMU).
- 2012: Participated in the development and installation of the Bishop Stuart University Learning Management System.
- 2012: Participated in the development and installation of the Mutesa I Royal University Learning Management System, development of an E-Learning Policy and training of staff.
- 2012 – 2013: Developing Cross Media Services to Promote Citizens Participation in Local Governance Activities Project funded by SPIDER in Sweden.
- 2012 -2013: Developing and implementing an E-Learning System plus its Policy for Bishop Stuart University.
- 2012 - Date: Transformational e-Learning Content Space (TeLCS) - An Open Source Multi-media Content Repository for lower educational institutions of learning.
- 2012 –2013: Propelling an ICT Led Pedagogy in Makerere University – Project funded by SPIDER in Sweden.
- 2011 – Developed an E-Learning Policy for Bishop Stuart University.
- 2011 – Participated in the Project for developing Mobile Application for Maternal Health data collection based on the openXdata framework as a researcher.
- 2011-Date NUFFIC ZAMREN Project in Zambia for Developing the Zambia Research Network (Participating in building Capacity for E-Learning)-Consultant.
- 2011 - NUFFIC E-Learning Capacity Building Project in Mozambique for Six Public Universities (Consultant).
- August 2009 AVOIR Project on Animal Health Information System (AHIS) funded by USAID and University of Western Cape South Africa (Lead Researcher).
- 2009 – 2012: Coordinating the Pan African e-Network Project in the component of Tele Education (coordinator).
- 2008 – 2012: Makerere Coordinator for the NUFFIC II project titled: Strengthening ICT Training and Research Capacity in the Four Public Universities in Uganda.

- African Virtual Open Initiative and Research Project (AVOIR), 2007 to 2009 funded by IDRC (Lead Researcher).
- Pan African Research Agenda on the Pedagogical Integration of ICT (2007 to 2012) funded by IDRC and ERNWACA (Researcher).
- February 2009 to 2012, Millennium Science Initiative Project for Improving education through Open Distance Learning (oDEL) for Kyambogo University (Consultant).
- 2010; establishing an E-Learning Policy and Environment for Mbarara University of Science and Technology (Lead Researcher).
- 2008-2009, Development of the French Portal for French Teachers Association in East Africa (Lead Researcher).
- February to June 2006, working on Reading University Stage Direction Project. I designed a system to help in searching electronically for stage directions more effectively and efficiently (Lead Researcher).
- January 2003 to December 2006, Research Project in E-learning University of Reading. Within this research project I designed a method for Personalised tracking used in Learning Management Systems (Lead Researcher).
- March to September 2002 Data Warehousing Project (Data mining) at the University of Reading. While on this project, I was assigned to carry out Data Mining on the relationships between the students' performances and their use of the Managed Learning Environment (Black board) (Lead Researcher).
- January 2003, Data warehousing (Data mining) project with Dr. Hong, Faculty of Computing University of Reading. The aim was to find out how the teaching and learning methods of the university affected the students' performance (Lead Researcher).

**Projects Proposals written.**

- African Digital Agricultural Programme (AfriDAP) – focusing on harnessing the use of ICT in Agriculture for African Universities under RUFORUM - 2019
- African Research Observatory (ARO) – Connecting Researchers in Real-time - 2019
- Developing a National e-Content Space (NeCS) - Digital Content for educational institutions of learning in Uganda - 2019

**6. International Conference, Workshops and Journals**Technical Committee Member/Paper Reviewer

- Nkumba International Research Journal (NIRJ)
- Nkumba International Research Conference (NIRC)
- International Conference on Technology and Management (ICTM)
- International Journal on Technology and Technology and Management (IJOTM)
- International Journal of Computing and ICT Research (IJCIR)
- International Conference on Computing and ICT Research (ICCIR)
- Mobile 4 Development Conference 2010 (M4D'10)
- IFIP 9.0 Voices from Africa Workshops
- Journal of Educational Research in Africa (JERA) etc...
- 2011 African Conference on Software engineering and Applied Computer Science (ACSEA'11)

Conference/Workshop Organization

- Chairperson Organizing Committee for the 1<sup>st</sup> Nkumba International Research Conference (NIRC -01) 2021
- Chairperson Organizing Committee for the 2<sup>nd</sup> Symposium of Teacher Education (SOTED – 2) 2020
- Vice Chairperson Organizing Committee for the International Conference on Technology and Management (ICTM) 2013 - 2018
- Chairperson Organizing Committee for the International Conference on Technology and Management (ICTM) 2014
- Vice Chairperson Local Organizing Committee for E-Learning Africa 2014

- 7<sup>th</sup> International Conference on Theory and Practice of Electronic Governance (ECEGOV 2013) in Korea - Member of the Programme Committee
- Mobile 4 Development Conference 2014 (M4D'14) in Senegal – Member of the Programme Committee
- Mobile 4 Development Conference 2012 (M4D'12) in India – Member of the Organizing Committee
- Mobile 4 Development Conference 2010 (M4D'10) – Co-Chair for the Local Organizing Committee
- Chair for the Voices from Africa ICT for Development, IFIP 9 Workshop 2010
- Member of the Technical Committee for the AFRICOMM 2009 Conference
- Chair Organising Committee for the Annual International Conference on Computing and ICT Research (ICCIR'09)
- Vice Chair Organising Committee for the Annual International Conference on Computing and ICT Research (ICCIR'07-08)

## **7. Books and Paper Publications:**

### **7.1. Books**

1. Basheka, B.C. **Lubega**, J.T & Kibukamusoke, M (2017). Management and Organizational Efficiency: Exploring Current Trends and Practices, Kampala, Uganda, ISBN: 978-9970-9707-0-4.

### **7.2. Journal Papers**

1. Nakitto, M. H., Mirembe, D. P., Waako, C., **Lubega**, J., Kibukamusoke, M., & Nambogo, F. (2022). The Influences of Open Access of Online Health Information on Patient Compliance to Professional Healthcare Providers Prescription in Kasangati Town Council, Wakiso District Uganda. *Advances in Social Sciences Research Journal*, 9(8), 602–616. [Link](#)
2. Mugisha, A. K., Lubega, J. T., Kasujja, J. P. and Atuhaire, S (2021). A Systematic Review of Adaptable ICT Teaching Strategies on Teaching Process in Primary Teachers' Colleges in Africa. *Journal of the National Council for Higher Education*, 9 (2), 54 – 64. [Link](#)
3. Mirembe, D. P., **Lubega**, J., Kibukamusoke, M., & Nambogo, F. (2022). Survey on the State of Digital Human Rights Management and Internet Use in Uganda. *Archives of Business Research*, 10(6). 42-61. [Link](#)

4. Mpirirwe, H; Mirembe, D.P.; **Lubega**, J.T. and. Agaba, J.E. (2021). E-learning platforms and security mechanisms used by educational institutions in Kampala, Uganda. *International Journal of Information Technology, Communications and Convergence*, 4 (1), 47-62. [Link](#)
5. Mugisha, A. K., **Lubega**, J. T., Kasujja, J. P. and Atuhaire, S (2021). A Systematic Review of Adaptable ICT Teaching Strategies on Teaching Process in Primary Teachers' Colleges in Africa. *Journal of the National Council for Higher Education*, 9 (2), 54 – 64. [Link](#)
6. Mirembe, DP., **Lubega**, J.T. and Kibukamusoke, M. (2020). Using ICTs to enhance duty bearer accountability and transparency to citizens in Eastern and Northern Uganda. *International Journal of Information Technology, Communications and Convergence*, 3 (3), 228-243. [Link](#)
7. Ahabyoona F., **Lubega**, J.T. and Kibukamusoke, M. (2020). The Financial Performance dilemma in Agricultural Cooperatives of Kamwenge and Sheema districts in Uganda. The Credit Facilitation Decisions perspective. *International Journal of Technology and Management* 5 (1), 1-27. [Link](#)
8. Mirembe, DP., **Lubega**, J.T. and Kibukamusoke, M. (2019). Leveraging Social Media in Higher Education: A Case of Universities in Uganda. *European Journal of Open, Distance and E-Learning (EURODL)* 22 (1), 70-84. [Link](#)
9. Ahabyoona F., **Lubega**, J.T. and Kibukamusoke, M. (2019). Information Communication Technology for enhanced credit facilitation decisions for Agricultural Cooperatives in Uganda. *International Journal of Technology and Management* 4 (1), 1-22. [Link](#)
10. Agaba, J.E., Nakakawa, A and **Lubega**, J.T. (2019). Decomposition, Adaptation and Assembly of Reusable Learning Objects with Multi-Format Assets for Higher Education Instructional Design. *The International Journal of E-Learning and Educational Technologies in the Digital Media (IJEETDM)*, ISSN: 2410-0439, Volume 5 (2): 64-72. [Link](#)
11. Agaba, J.E. and **Lubega**, J.T. (2018). Reusable Learning Object Metadata Adaptation for Higher Education Instructional Design. *The International Journal of E-Learning and Educational Technologies in the Digital Media (IJEETDM)* ISSN: 2410-0439, Volume 4 (3): 66-74. [Link](#)
12. Ahabyoona, F., & **Lubega**, J. T. (2018). Enhancing Credit Facilitation Processes for Agricultural Cooperatives in Uganda: Decisions That Matter. *International Journal of Technology and Management (IJOTM)*, 3(1), 13-23. [Link](#)
13. Kibukamusoke, M., Omvia, D., Mirembe, D., & **Lubega**, J. (2018). Economic empowerment for women through accountability and transparency activities. *International Journal of Technology and Management*, 3(2), 1-10. [Link](#)

14. Basheka, B. C. Byamugisha, A and **Lubega, J. T.** (2017) Towards a Model for Assessing Performance of Public Sector Organisations (PSOs) in Uganda - A Rapid Assessment. *Administration Publica* Vol 25 No 2 June 2017. pp. 139 – 161. ISSN 1015-4833 [Link](#)
15. Basheka, B.C. **Lubega, J.T** & Baguma, R (2016). Blended-Learning Approaches and the Teaching of Monitoring and Evaluation Programs in African Universities: Unmasking The UTAMU Approach. *African Journal of Public Affairs*, 9 (4) 71-88. [Link](#)
16. Agaba, J. E. and **Lubega, J. T.** (2016). Adaptation of Learning Objects with Multi-format Assets, *International Journal of Information and Education Technology*, (IJJET), Vol. 6, No. 1, pp. 76 – 79. ISSN 2010-3689. [Link](#)
17. Namisango F. and **Lubega, T. J.** (2014). A Theoretical Framework for Improving Information Management in Small and Medium-Sized Enterprises: The Case of Uganda, *International Journal of e-Education, e-Business, e-Management and e-Learning (IJEEEE)*, Vol. 4, No. 2, pp. 95 – 101 - [Link](#)
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### **7.3. Book Chapters**

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#### ***7.4. International Conferences***

69. Muyinda, B. P., **Lubega**, J. and Lynch, K. (2008). A Model for Scaffolding Traditional Distance Learners for Constructivistic Online learning. *A paper presented at the 1<sup>st</sup> Regional Conference on E-learning*. Kenyatta University, Nairobi, Kenya, 18<sup>th</sup> -20<sup>th</sup> November 2008.
70. Muyinda B. P., **Lubega**, J. and Lynch, K. (2008). An Evaluation of the Mobile Research Supervision Initiative (MRSI) at Makerere University. A paper presented at eLearning Africa 2008 Conference, Accra, Ghana.
71. **Lubega**, J. T. (2007). Information Communication Technology (ICT) for Development. International Conference on Science, Technology, Innovations and Development, Kampala, Uganda.
72. **Lubega**, J. T. (2007). Information Communication Technology (ICT) as a Driver for Development. International Conference on Science and Technology, Kyabongo Kampala, Uganda.
73. **Lubega**, J and Williams, S (2003). The Effect of Using a Managed Learning Environment on the Performance of Students. In the Proceedings of the International Workshop of Interactive Computer Aided, Villach, Austria.

#### ***Workshop and Poster Presentations***

1. Guest Lecture at KIM University graduation ceremony on the 21<sup>st</sup> Century Educational Institution using Technology- March 2016
2. Training of Mozambique Higher Institutional Lecturers on E-Learning and its integration August 2010
3. Research Presentation of EANREO at the Workshop on 10 years of Revitalization of Inter University Council for East Africa,
4. Paper Presentation on E-Learning Opportunities and Challenges, Enhancing Modern University and Research Management Practices in Institutions of Higher Learning in Uganda, 2007, funded by NUFFIC

5. Paper Presentation on Blended Learning at University of Reading, Blended Learning Symposium, University of East London, 2003, funded by ESCalate.
6. Poster Presentation on Learning Technologies, University of Reading June 2002, Development of Teaching and Learning.

#### **8. Membership to Bodies/Associations**

- Chair for the Kampala ACM Chapter - 2011/2012
- Secretary to Kampala ACM Chapter – 2010/2011
- Member of the British Computer Society - 2006
- Member of the ACM – 2009
- Member of the E-Learning Guild
- Charter Member of the Rotary Club of Namasuba

#### **9. Supervision**

- Completed PhD
  1. Baguma Rehema: - A web Design Framework for Improved Accessibility for People with Disabilities- **completed in 2010**
  2. Paul Birevu: - Deployment and Utilisation of Learning Objects on Mobile Phones (Award winner for Emerland and Uganda Communication Commission 2010) **completed in 2010**
  3. Nazir Suhail: - A Framework for Implementation of Blended learning in Low Bandwidth Environments: **completed in 2012**
  4. Drake Mirembe: - A model for security management in ambulatory wireless sensor networks (AWSN): **completed in 2015**
  5. Philip Ouma Ayo: - A Constructivist Framework for Personalized Online Learning Systems: **completed in 2015**
  6. Prossy Katumba: - Decision Enhanced Services in Water Asset Management: **Completed 2016**
  7. Rebecca Tumwebaze: - Enhancing Business Performance for Poultry Farming through Business Process Monitoring in Uganda: **Completed 2016**
  8. Joab Agaba: - Improving Reusability in Instructional Design: Adaptation of Learning Objects with Multi-Format Assets: **Completed in 2017**

9. Hasifah Kasujja Namatovu: - A decision enhancement studio for enabling evidence-based planning and monitoring in maternal health care service delivery: **Completed in 2018**
  10. Robert Tweheyo: - Indigenous Knowledge and Food Security: Enhancing Decisions of Rural Farmers: **Completed in 2018**
  11. Godfrey Onyait: - Software Agent-Based Model for Personalized Feedback Generation in E-Learning: **Completed 2018**
  12. Theodora M. Twongyirwe: - Knowledge Management for the Industrialisation of Small Medium Enterprise in Resource Constrained Areas: A Case of the Dairy Sector in Uganda (): **Completed 2018**
  13. Faith Ahabyona: - Decision Enhancement Studio for Credit Facilitation and Input Supply for Agricultural Cooperatives In Uganda: **Completed 2020**
  14. Mugisha Annet Kajura: - Enhancing Active Teaching and Learning Instructional Strategy for Primary Tutors in Uganda Through ICTs: **In Progress**
- Supervised more than 12 Master Students to completion in the Faculty of Computing and Information Technology to completion. These include:
    1. Nakiyemba Safina: Optimising IT Potential: A Data Mart for The Credit Department of Post Bank Uganda Limited- **graduated in 2009.**
    2. Mukuru Peter: A Web Based System for Managing Software Assets- **graduated in 2010.**
    3. Jjumba Abdu Karim: A Web Based Tool for Telemetry and Billing in High Voltage Power Utilities- **graduated in 2010.**
    4. Kababure Edith: Computer Hardware Inventory Management and Control System - **graduated in 2010.**
    5. Wegulo Swaliki: A Framework for Securing Electronic Data in Institutions of Higher Learning- **graduated in 2010.**
    6. Nassiwa Annette: An ICT Security Audit. A Case Study of Uganda Electoral Commission - **graduated in 2010.**
    7. Etc...

- Supervised more than 3 Undergraduate Students' groups to completion in the Faculty of Computing
  - Group One: An E-Herbal Medical System
  - Group Two: CIT Electronic Library
  - Group Three: A Learning Object based E-Learning Environment

### **10. Service to the University and Community**

#### University

- Senate member of Uganda Technology and Management University (UTAMU) (2013 – 2019)
- Council member of Uganda Technology and Management University (UTAMU) (2013 – 2019)
- Acting Deputy Dean Graduate Studies and Research, Faculty of Computing and IT (2008-2011)
- Representative for the Dean CIT in Senate and Higher Degrees and Research Committee (2008-2011).

#### Community

- President of the Rotary club of Namasuba 2019 – 2020 (involves free service to community in several areas such as water and sanitation, education etc.)
- IT Consultant for Muteesa I Royal University and Member of the Think Tank
- Member of the NEMA Think Tank Committee on Industry and Technology (2011)
- Chair for the Committee to Revamp the Uganda Computer Society
- Improvement of Information Management for Fort Portal farmers through ICT under the project organized between RICNET, Nijmegen University and Makerere University Faculty of Computing and IT in 2009
- Integrating of ICT in Selected Primary and Secondary Schools in Uganda under the Community Outreach Project between Nijmegen University and Makerere University Faculty of Computing and IT in 2010

#### **As a Rotarian:**

- Served as President of Rotary Club of Namasuba 2019/20
- Vice chair of the district website 2021/22 and chair 2022/23

- Through Kampala City Makerere Rotary Club I have participated in Distribution of chairs to the disabled students
- Participated in the Polio and Covid-19 Vaccination drives
- Participated in blood donations
- Organized health camps in rural areas of Rakai District and Namasuba
- Donated more than \$3000 to The Rotary Foundation (TRF) for service above self

**11. Ethics**

- A committed and disciplined academician who is committed to duty and who acts as an ambassador for the Faculty and University in all spheres.

**12. Referees**

- Prof. Dr. Frederick Kayanja, Chancellor Gulu University, Email: [kayanjafib@gmail.com](mailto:kayanjafib@gmail.com), Tel: +256774922680
- Prof. Adipala, Ekwamu, Regional Universities Forum for Capacity Building in Agriculture (RUFORUM), Email: [e.adipala@ruforum.org](mailto:e.adipala@ruforum.org), Tel: +256-417-713-300 and +256-312-181-300
- Prof. Henk Sol, Faculty of Economics and Business (Business and IT) at Groningen Nederland Netherlands and the Technical University Delft, email: [h.g.sol@rug.nl](mailto:h.g.sol@rug.nl)