PROF. VENANSIUS BARYAMUREEBA CV 2025

Areas of Expertise	*Computer Science; Emerging Technologies; Information Systems Planning, Design, Development and Deployment; ICT for development; Assessment / Situation Analysis Studies; Policy and Strategy Development; Private Sector Development; Science, Technology and Innovation (STI); Higher Education Governance and Management; Regional Integration and Cooperation; Trade and Investment.*

PROF. VENANSIUS BARYAMUREEBA SUMMARY QUALIFICATIONS:

Professor Baryamureeba is a Professor of Computer Science. He possesses immense multidisciplinary skills in teaching, research and consultancy. He has been teaching and researching since 1994 and consulting since 2001. Since 2001, he is the Chairman and Managing Director of ICT Consults Ltd, one of the most prestigious consulting firms in Africa. He is also the Chairman and Managing Director of UTAMURIC, an umbrella Research and Innovation non-profit organisation that promotes research, innovation, business incubation and startups in Africa. He also serves as the Chancellor of Ibanda University with effect from July 2017, Chairperson of the Board of Directors of Uganda Technology And Management University (UTAMU) since establishment in 2012 and Chairperson and Member of various boards and agencies. While at the prestigious Makerere University, he served as Professor and Dean of the School of Computing and IT and Vice Chancellor of Makerere where he spearheaded research and innovation and the transformation of Makerere University into a collegiate University. He has been lead consultant on various assignments at national, regional and international level in areas such as needs assessment / baseline studies, strategy and policy development, systems analysis and development, software development, eLearning, (higher) education planning and management, corporate governance, resource mobilisation, private sector development, regional integration, technology transfer, knowledge and wealth management. He has provided services to key institutions like AU, UNECA, COMESA, EAC, East African Science and Technology Commission (EASTECO) and Inter-University Council of East Africa (IUCEA) among others.

He is competent at managing responsibilities in a fast-paced high-volume atmosphere and skilled at interacting with customers of all socioeconomic backgrounds. He is talented in problem solving; works well under pressure; He is a team player, responsible, efficient, flexible and has ability to elicit confidence and build rapport.

1. Family Name:	BARYAMUREEBA
2. First Names	VENANSIUS
3. Date of Birth:	18 May 1969
4. Nationality:	Uganda
5. Civil Status:	Married
6. Purchase Order Details:	Address: Plot 6, Erisa Road, Kiswa, Bugolobi, Kampala Phone: +256776543999 / +256754828319 E-mail: barya@ict.co.ug;barya@utamu.ac.ug;prof.barya@gmail.com

7. Education Qualification

Institution	Degree (s) Obtained
University of Bergen August 1996 - July2000	Ph.D. in Computer Science (Optimization)
University of Bergen August 1995 - July 1996	M.Sc. in Computer Science (Optimization)
Makerere University October1994 - August 1995	M.Sc. in Mathematics Coursework
Makerere University October 1991 - June 1994	Bachelor of Science (B.Sc.) (Mathematics)
University of Trondheim August 1997	Post Graduate Diploma in Analyzing Linear Programming Models

Professional Certification

Year	Qualification
2007	Data Science, Makerere University. Facilitated by John Quinn - Pulse Lab Kampala, Oliver Bent and Simone Fabi - IBM Research Africa, Moustapha Cisse – Facebook and Neil Lawrence - Sheffield University
2006	Systems Modeling and Design, Makerere University
2014	Monitoring and Evaluation, Uganda Technology & Management University

8. Membership with Professional Bodies	a) African Society in Digital Sciences (ASDS) b) Member of the Association of Computer Machinery c) Association of Computing Machinery (ACM), ACM Membership No.: 7250468 d) Africa ACM SIGCSE Founding Member. e) Kampala ACM Chapter f) Uganda National Academy of Computing and Internet Technologies-UNACIT (currently serving as President) g) Honorary member of the International Association of IT Governance Standards h) IEEE Computer Society i) Uganda Computer Society j) Microsoft .NET User Group – WECA Region k) I-Network Uganda l) Linux User Group Uganda	
9. Other Skills	a) Problem solving b) Critical thinking c) Flexibility d) Communication e) Teamwork f) Organizational g) Creativity h) Emotional intelligence i) Attention to detail j) Responsibility k) Technology and application knowledge l) Data analysis m) Negotiation n) Project management o) Monitoring and evaluation (i) Report writing	
10. Present Position	Chairman and Managing Director of ICT Consults	
11. Years of Experience	25	
12. Key Qualifications	a) Extensive expertise in policy and strategy development b) Extensive knowledge of technology systems and technology transfer c) Science, Technology and Innovation (STI) application to sustainable development d) Expertise in Information Technology / computing e) Systems analysis, planning, design, development and deployment f) Teaching, Education, eLearning and Research g) Self-reliance h) Analytical i) Willingness / commitment j) Entrepreneurial thinking k) Private sector development l) Regional Integration m) Solid leadership skills in supporting and coordinating project activities across a large organization and with other international partner organizations. n) Good understanding of development issues, world affairs and current events o) Proven ability to interact diplomatically with high-level officials, as well as experience working directly with community-level partners. p) Proven ability in negotiation, networking, strategic thinking, and advocacy q) Proven ability to conceptualize, plan and execute ideas as well as to transfer knowledge and skills.	

13. Specific Relevant	SN	Country / Region	Date From – Date To	Position/ Role / Description	
				Employment Experience	

Experience in the Region:	1	Africa	March 2020 - to date	Chairman and Managing Director, UTAMURIC. UTAMURIC is an umbrella Research and Innovation non-profit organisation that promotes research, innovation, business incubation and startups in Africa.
	2	Uganda	July 2017 - to date	Chancellor, Ibanda University. He is a titular head of the University, advises the officers of the University and confers degrees and awards other academic titles of the University.
	3	Uganda	November 2001- to date	Chairman and Managing Director, ICT Consults Ltd. ICT Consults is involved in: a) **General Consultancy:** Requirements and Systems Analysis; Needs Assessment, Feasibility and Baseline Studies; Situational Analysis; M&E Systems and Frameworks; E-Readiness Assessments; Business Development; Development of Strategic Plans and Strategies; Development of Policies; Conducting Capacity Building Programs. b) **ICT Consultancy:** ICT Audit; Information System Design, Development, Testing, Implementation and Deployment; Information and Computer Security; ICT Support Services; ICT Planning, Design and Deployment; LAN/WAN Set-up, Maintenance and Upgrade, ICT Knowledge transfer; among others.
	4	Uganda	Sept 2012- to date	Sept 2012-Sept 2015, Professor of Computer Science, School of Computing and Engineering, Uganda Technology and Management University. October 2015 -to date, Adjunct Professor of Computer Science, School of Computing and Engineering, Uganda Technology and Management University.
	5	Uganda	Sept 2012- Sept 2015	Vice Chancellor, Uganda Technology and Management University (UTAMU)
	6	Uganda	Nov 2009- Sept 2012	Vice Chancellor, Makerere University
	7	Uganda	August 2, 2010 to August 2013	Member of the 7th Uganda National Examinations Board (UNEB) from August 2, 2010 to August 2013. UNEB is the national assessment body for primary and secondary education in Uganda.
	8	Uganda	Nov 2006- Sept 2012	Professor, Department of Computer Science, Faculty of Computing and IT later renamed School of Computing and IT, Makerere University
	9	Uganda	Aug 2006- Nov 2006	Associate Professor, Department of Computer Science, Faculty of Computing and IT, Makerere University
	10	Uganda	Oct 2005- June 2010	Dean, Faculty of Computing and IT, Makerere University
	11	Uganda	Jan 2005- Aug 06	Senior Lecturer, Department of Computer Science, Faculty of Computing and IT, Makerere University
	12	Uganda	July 2001- Oct 2005	Director, Institute of Computer Science, Makerere University
	13	Uganda	Nov 2001- Dec 04	Senior Lecturer, Institute of Computer Science, Makerere University
	14	Uganda	July 2001 - Oct 2001	Lecturer, Institute of Computer Science, Makerere University
	15	Uganda	1998- Oct 2001	Lecturer, Department of Mathematics, Makerere University
	16	Uganda	1995-2000	Research Fellow, Department of Informatics, University of Bergen
	17	Norway	1997-2000	Teaching Assistant, Department of Informatics, University of Bergen
	18	Uganda	1995-96	Assistant Lecturer, Institute of Teacher Education Kyambogo (ITEK)
	19	Uganda	1994-98	Teaching Assistant, Institute of Statistics and Applied Economics, Makerere University
				Boardroom Experience
	1	Uganda	Sept 2012- to date	Chairperson, Board of Directors of Uganda Technology and Management University. The Board of Directors provides strategic oversight over the business owned by UTAMU Ltd (which include UTAMU) in accordance with the UTAMU Ltd articles and memorandum of association,

				Companies Act 2012 and other laws of Uganda. He is a simple majority shareholder in UTAMU Ltd.
2	Uganda	July 2017-June 2018		Chairperson, The National Science, Technology and Innovation Program (NSTIP) Evaluation Committee. NSTIP is a competitive research and development funding initiative by the Government of Uganda through the Uganda National Council for Science and Technology (UNCST). The NSTIP supports scientific research and innovations across all domains of Science, Technology and Innovation (STI) in-line with the priorities indicated in the STI Policy 2009, NDP II (2015/16-2019/20) and Vision 2040.
3	Uganda	Oct 2015-Oct 2019		Chairperson, Board of Trustees of Uganda Technology and Management University. The Trustees provided oversight over the affairs of the affairs of the University.
4	Uganda	June 2016-June 2020		Chairperson, Appointments Board and Member of University Council, Busitema University. The University is the supreme organ of the University is responsible for directing the academic, administrative and financial affairs of the University. The appointments board shall, except where provided otherwise under the Universities and other Tertiary Institutions Act, be responsible to the University Council for the appointment, promotion, removal from service and discipline of all officers and staff of the academic and administrative service of the University, as may be determined by the University Council.
5	Uganda	July 2016-May 2018		Chairperson, King Caesar University Council formerly St. Augustine International University Council. University is responsible for directing the academic, administrative and financial affairs of the University.
6	Uganda	July 2013-July 2019		Chairperson, Uganda Business and Technical Examinations Board (UBTEB). The object of the Board is to streamline, regulate and coordinate examinations and awards in the business and technical profession in Uganda.
7	Uganda	2013-2016		Chairperson, Uganda Vice Chancellors Forum (UVCF). The UVCF is a body that brings together all Vice Chancellors in Uganda, from both public and private universities with an aim of addressing issues that affect universities in the country.
8	COMESA	2013-2016		Founding Chairman, Common Market for Eastern and Southern Africa (COMESA) Innovation Council. The Innovation Council's primary responsibility was to provide advice to Member States relating to existing and new knowledge and innovations, and best ways of applying the knowledge and innovations in the Member States. The Council was also responsible for choosing winners of the Annual COMESA Innovation Awards.
9	Geneva	2013-present		Member, Advisory Committee of the International Conference series on Theory and Practice of Electronic Governance (ICEGOV) Series.
10	Uganda	2013, 2007-2008, 2004-2006		Member, Presidential Investors Round Table. The mandate of the Council was to advise the Government on steps that should be taken to improve the investment climate and increase Foreign Direct Investment (FDI) inflows to Uganda.
11	Uganda	2012-2018		Chairperson of Council, Makerere University Business School (MUBS). The MUBS Council is the supreme policy organ of the University. It is responsible for directing the academic, administrative and financial affairs of the University.
12	Uganda	Sept 2012-Sept 2015		Chairperson, Uganda Technology and Management University Senate. Senate is organ responsible for academic affairs in the University.
13	Africa	Sept 2011-Aug 2013		Member, African Institute for Capacity Development (AICAD). AICAD aims at poverty reduction in the African region through human capacity development.
14	Africa	Nov 2009-Aug 2012		Chairperson, Regional Universities Forum for Capacity Building in Agriculture (RUFORUM) Board. RUFORUM is a consortium of several universities in Eastern, Central and Southern Africa established in 2004

				and has a mandate to oversee graduate training and networks of specialization in the Common Market for Eastern and Southern Africa (COMESA) member countries.
15	Uganda	Nov 2009-Aug 2012		Member, National Council for Higher Education (NCHE): member of Finance and Management Committee, the Quality Assurance and Accreditation Committee, the Research and Development Committee, and the Full Council. NCHE regulates higher education, and guides the establishment of institutions of higher learning as well as ensures that quality and relevant education is provided in Uganda.
16	EAC	Nov 2009-Aug 2012		Chairperson (2009-10) and member (2009-12) of the Inter University Council of East Africa (IUCEA). IUCEA is an institution of the EAC whose mission is to promote strategic and sustainable development of higher education and research, and to develop supportive mechanisms for East Africa's regional integration and socio-economic development. The IUCEA Act (2009) defines the purpose of IUCEA as to advise Partner States on all matters related to higher education.
17	Uganda	2009-2014		Chairman of the Board (2010–2014) and Director (2009–14) of the Research and Education Network for Uganda (RENU). RENU's main objectives include: to promote and facilitate research and education networking among Ugandan Universities and Research Organization; to provide cheaper bandwidth to educational and research institutions; to create stronger negotiating positions for participating institutions in dealing with government and regulators on issues related to policy and regulation vis-à-vis research and educational organizations; and to explore ways of overcoming the high cost of information systems through pooling resource and sharing, where feasible, costs for common software, and promoting collaboration in areas that may include but are not limited to e-learning systems to help deliver common online courses.
18	Uganda	2010-2016		Chairman of the African Centre for Media Excellence. ACME is a Kampala-based independent, non-governmental, non-partisan and non-profit professional organisation committed to helping African journalists to seek and achieve excellence as well as improving journalism and mass communication in Africa.
19	Uganda	2010-present		Member, The State of the Nation Platform. The State of the Nation Platform in Uganda is a specific policy forum aimed at promoting an upward and downward policy conversation on contemporary public policy and governance issues in Uganda. The State of the Nation Platform brings together individual leaders and professionals in the public sector, private sector, civil society, the media and other interest groups into a policy discourse.
20	Uganda	Nov 2009-Aug 2012		Chairperson, Makerere University Senate. The Senate is the supreme academic organ of the University.
21	Uganda	Nov 2009-Aug 2012		Chairperson, Makerere University Management Committee that is responsible for the day-to-day operations of the University.
22	USA	2008-2013		Chairman Board of Directors, THINK BIG AFRICA FOUNDATION. whose primary focus was to put up vocational/ Technical skills learning center in Uganda which would serve as a catalyst for growth in the areas of workforce development, self-empowerment and economic growth; and empower citizens to achieve an enhanced individual quality of life. This mainly focused on the young generation and accorded them the opportunity to realize their greatest potential.
23	Africa	Jan 2007-Dec 2011		Vice-Chairperson of NetTel@Africa Programme Academic Board. NetTel@Africa is a network for capacity building and knowledge exchange in ICT policy, regulation and applications. It is a comprehensive capacity-building strategy focused on improving the use of Information Communication Technologies (ICT) to achieve socio-economic development goals in Africa.

24	Uganda	Dec 2006 - Aug 2012	Member, Makerere University Council. The Council is the supreme policy organ of the University. It is responsible for directing the academic, administrative and financial affairs of the University. December 2006 to December 2010 he was a member of the following Makerere University Council Committees: Finance, Planning and Development Committee; Establishment and Administration Committee; and Statutory Committee. From December 2010- August 2012 he was a member of the following committees- Appointments Board; Finance, Planning and Administration Committee; Staff Development, Welfare & Retirement Benefits Committee; Chairperson, Honorary Awards Committee; Chairperson /Member, Council ICT Committee from 2002 to December 2010.
24	Uganda	Oct 2005- June 2010	Chairperson, Faculty of Computing and IT Board. The Board handled all the academic matters at the faculty.
25	Africa	Aug 2005- Dec 2007	Member, Infrastructure Committee of the Commission for Africa Forum. This committee was charged with developing policies and plans for the setting up of common infrastructure within the New Economic Partnership for Africa's Development (NEPAD) member states. His main contribution was in the area of regional ICT policies and plans necessary for the integration of ICT in governance, commerce and education.
26	Uganda	May 2003- present	Executive President, CONNECT Uganda Foundation, a non-profit making organization with the overall objective of stimulating new firms and creating jobs in the knowledge-intensive sector, by linking entrepreneurs and innovators with research and development, service providers, venture capitalists and partners.
27	Uganda	2004- present	President, Uganda National Academy for Computing and Internet Technologies (UNACIT).
28	Uganda	July 2001- Oct 2005	Chairperson, Institute of Computer Science Board. The Board handled all the academic matters at the institute.
29	Uganda	Oct 2002- Nov 2003	Member, Task Force on E-Transactions and Computer Misuse, Uganda Law Reform Commission. This task force was charged with the drafting of the bills on e-transactions, and computer misuse/crime.

Countries and Territories of Experience

Burundi, China, Comoros, Democratic Republic of the Congo, Denmark, Djibouti, Egypt, Eritrea, Ethiopia, Finland, Germany, India, Israel, Kenya, Libya, Madagascar, Malawi, Mauritius, Netherlands, Norway, Rwanda, Seychelles, South Africa, South Sudan, Sudan, Swaziland, Sweden, Tanzania, Uganda, UK, USA, Zambia, Zimbabwe.

14. Professional Experience Relevant to the Assignment	Date from -Date to	Location of the Assignment	Company & Reference Person (Name & Contact Details)	Position [Exact Name & Title]	Description
.	August 2024- April 2025	EAC	EAC Secretariat Deogratius Mbarara, dmbarara@eac hq.org	Team Leader	Development of **Phase** II of the EAC Buyers and Sellers Platform, **REF. No. EAC/SRVCS/23-24/003**. The main objective of the Buyer-Seller Platform is to increase intra-EAC trade by creating awareness and market for products produced within the EAC region. The Specific objectives of the Buyer-Seller Platform are to: a) Develop an e-commerce platform with the following modules: Digital payment and processing methods,

					Customer relationship management (CRM), Warehouse Management, Shipping integration with shipping service providers, API integrations with third-party applications, Integrations with SMS gateways and other forms of notifications between buyers and sellers, Retail functionalities, and Multiple language / Currency support. b) Stimulate and improve market access for products produced in the region; c) Provide information to the public and Business community of products that can be sourced from within the region; d) Promote development of B2B linkages and matchmaking and regional value chains (forward & backward linkages) within the region; e) Build regional brands through a Buy East Africa Build East Africa campaign; f) Take advantage of technology to catalyze import substitution; g) Contribute to economic growth and improvement of EAC citizenry's welfare; and h) Act as a tool and catalyst for investment/business promotion in the region.
	June - December 2024	EAC	GIZ Tanzania, **Ephraim Percy Kenyanito** Economic Policy Advisor (Policy for Mutual Agreements) Support to the EAC Integration Process (SEAMPEC) and Digitalisation for East African Trade and Integration (DIGEAT) ephraim.kenyanito@giz.de	Team Leader	Provision of consultancy services to conduct a baseline study for digitalisation of east African trade and integration (DIGEAT) project, Project No. GIZ/DIGEAT/83462694. The objectives were: (i) Conducting a thorough profiling of the engineering profession, nationally and regionally, within the EAC (ii) Evaluating existing frameworks and conducive conditions that facilitate the cross-border mobility of engineers across the EAC (iii) Examining the governance structures of national competent authorities overseeing the engineering profession in selected EAC Partner States (EAC PS) (iv) Exploring and analysing patterns and challenges in the cross-border mobility of engineers, highlighting opportunities and impediments. (v) Investigating the dynamics of the engineering profession's national and regional labour market, considering factors affecting employment and professional growth (vi) Assessing the level of digital preparedness exhibited by national competent authorities regulating the engineering profession, focusing on technological integration and data management
	August - Nov 2024	EAC	GIZ African Union, Paul Kithinji;	Team Leader	Consultancy Service For The Development And Validation Of An East African Community Data Governance Policy Framework, Project Number/ Cost Centre: 19.2045.3-004.00, Transaction No. 83466954. The Consultant was

			paul.kithinji@giz.de		responsible for responsible for providing the following services: a) The preparation of a draft Data Governance Policy Framework for adoption by the East African Community. This will include validation of the Data Governance Policy Framework. b) The preparation and delivery of the draft framework to participants at all validation exercises. This will also include collation and incorporation of contributions on the framework. c) The delivery of a final and complete draft of the requested and validated Data Governance Policy Framework
	April -Sept 2023	EAC	East African Science and Technology Commission (EASTECO) 5^(TH) floor, Queensland House, Kacyiru, Kigali; Mr. Moses Ndhahiro, Principal Offer-ICTD official email: mndahiro@eachq.org	Individual Consultant	Consultancy Services for Development of EAC Regional Fourth Industrial Revolution (4IR) Strategy. **Reference Number:** EAC/EASTECO/RFPs/001/2023**.** **Task included:** a) Develop and submit an inception report detailing understanding of the consultancy, approaches, methodologies and tools to be used in the consultancy, and work plan and budgets b) Review literature and write a report on the Status of the 4th Industrial Revolution in Partner States and the EAC region c) Conduct national consultations in the EAC Partner States with key stakeholders and develop a draft EAC Regional Fourth Industrial Revolution Strategy d) Carryout a situational analysis for 4IR initiatives, needs, capacities and infrastructure in the region e) Develop the draft report of the EAC Regional Fourth Industrial Revolution Strategy f) Conduct regional validation exercise to harmonize the draft fourth industrial revolution strategy g) Revise and submit the final report of the EAC Regional Fourth Industrial Revolution Strategy
	Sept 2022-March 2023	EAC (Burundi, Kenya, Rwanda, South Sudan, Tanzania & Uganda)	East African Science and Technology Commission (EASTECO) 5^(TH) floor, Queensland House, Kacyiru, Kigali; Mr. Happy Mukama, Senior Legal Officer;	Consultancy Project Director/ Team Leader	**Name of the Purchase Order/Contract:** Consultancy Services for Development of a Legal Instrument to Establish the East African Research and Technological Development Fund (EARTDF); Reference Number: EAC/ESTECO/RFPs/004/2022. **General Objective of EARTDF:** To support research and innovation projects and programs with grants for sustainable scientific production and innovation in regional development priorities **Tasks included:** a) Conduct review of the legal and administrative infrastructure of existing

			official email: hmukama@eachq.org; easteco@eachq.org		funds in the EAC Partner States to inform formulation of the legal instrument to establish the EARTDF; b) Develop background paper on Status of STI Fund regulatory and management mechanisms in the Partner States and in EAC region; c) Conduct National consultations on EARTDF with key stakeholders in STI and legal entities in Partner States; d) Develop the Draft Instrument for establishing the East African Research and Technological Development Fund and its subsidiary legislation if any; e) Conduct Validation workshops of the Draft Instrument to establish the East African Research and Technological Development Fund; f) Submit the revised Draft Legal Instrument to establish the East African Research and Technological Development Fund after all consultations.
	Oct 2022-Oct 2023	Uganda	The Resource Enhancement Management and Accountability Programme (REAP) Ministry of Finance, Planning and Economic Development, Uganda Tel +256414707900 -mail reap@finance.go.ug	Team Leader	**Name of the Purchase Order/Contract:** Consultancy Services to undertake quality assurance for the Uganda Government integrated human capital management (HCM) system project, Ref. MoFPED/REAP/CONS/21-22/00001 **Main Objective** The main objective is to provide end to end Quality Assurance Services during the delivery of the HCM System with the aim of ensuring the implementers of the system have achieved the intended outcomes as stipulated in the contract, Bid Document and Solution Blueprints. This will include but not limited to; independent verification and validation of the design, customization, integration, and testing of the Government Human Capital Management system (GHCM). **Specific objectives** a. To review and update the quality strategy, techniques and standards required to achieve the desired output/deliverables of the HCM system. b. To design and execute independent tests aimed at detecting and remediating gaps, errors, bugs anomalies and non-compliance to requirements or best industry practice. c. Evaluate and provide guidance on the tools, techniques, processes, procedures being used by the service provider to deliver the HCM. d. To confirm that the developed system meets and complies with defined functional, performance and technical specifications in the HCM Bidding Document, HCM Contract, the HCM Module Blue prints and Solution design document.

					e. To ensure that required controls have been put in place that ensure adherence / compliance with existing policies, security, accuracy and integrity of data. f. Verify HCM is seamless integration with identified key Government System i.e. IFMS, NID, PBS, and PDMS among other capabilities such as SMS Gateway and Email notifications. g. To test, confirm and recommend necessary guidelines & controls that enforce the security of the HCM system. h. To provide an independent opinion on whether the system service provider complied with the required quality standards and requirements in delivering the HCM system as per the HCM baseline documents before proceeding to the next phase. i. Verify that appropriate training and knowledge/skills transfer has been undertaken to intended technical and functional personnel including administrators, super users, end users and executives. j. Conduct tests to confirm that the integrity and resemblance of cleaned and migrated data from existing systems is maintained. k. Ensure that the deployed HCM application and infrastructure hosted in the National Data Center meets performance, availability and security requirements. Evaluate effectiveness of end user support process to confirm that reported issues are resolved within agreed service level expectations.
	20 May 2022 – Nov 2022	Uganda	Ministry of Education and Sports, Uganda Director, Higher Education and TVET, Tel +256782474185	Team Leader/ Lead Consultant	**Name of the Purchase Order/Contract**: **Consultancy Services for the Development of a Higher Education Strategic Plan (HESP), 2020/21-2024/25** **Procurement Reference Number: MOES/SERVICES/2021/00029** The purpose of HESP 2020/21-2024/25 is to inform public policy on higher education and the strategic plans for all higher education institutions and agencies in Uganda. The HESP 2020/21-2024/25 aims at producing knowledgeable and skilled higher education graduates that meet the current and future requirements of Uganda's economy but who are also globally competitive. The new HESP 2020/21-2024/25 builds on the achievements of the expired HESP 2003-2015 and hence seeks to: (i) Clearly articulate the vision, mission and corporate values of the Ministry of Education and Sports (ii) Present strategic objectives and activities that will address priority areas for the transformation

					of the higher education sub-sector and facilitation for the period 2020/21-2024/25 (iii) Provide a systematic platform for the formulation of rolling annual work plans and budgets and (iv) Provide a framework for monitoring and evaluating performance and rendering accountability to stakeholders.
	April 2022 – March 2023	EAC (Burundi, Kenya, Rwanda, South Sudan, Tanzania & Uganda)	**Name of the Company**: EAC Secretariat **Address of the company**: P.O. Box 1096, Arusha, Tanzania **Phone:** +255272504253/8 **Email:** SNjuru@eachq.org **Name and title of the reference person from the company**: Mr. Samuel Njuki, Project Coordinator	Team Leader/ Lead Consultant	**Name of the Purchase Order/Contract**: Consultancy Services for Development of Fully Compatible Regional Consumer Price Indices (CPI) Software for EAC **Overall objectives of the assignment**: The overall objective of the assignment is to develop a fully compatible regional Consumer Price Index software to support implementation of the EAC HCPI regulations **Specific objectives of the assignment** The Specific objectives of the assignment are to: a) Review the CPI data treatment software in Partner States and assess their compatibility; b) Report on the prevailing incompatibilities in the Software used by Partner States; and c) Develop and install a fully compatible web-based regional Consumer Price Indices software in Partner States and EAC Secretariat that will introduce the use of mobile phone/tablet technology in the price collection, validation, transmission, compilation and dissemination of Consumer Price Indices (CPI) and other related price surveys. **Specific Tasks of the assignment** a) Visit the CPI production units in all Partner States and understand the CPI software being used in relation to preparation of price collection surveys, design of data collection tools, collection of consumers, processing of collected prices, computation of the CPI, CPI dissemination and data archiving b) Identify the constraints and gaps in use of the existing software in every Partner State c) Analyse the compatibility/incompatibility of the software in use in the partner states

					d) Report on the prevailing situations showing the identified source incompatibilities in the software used by the partner states e) Develop a fully compatible regional consumer price indices software, test the developed fully compatible consumer price induces software, training the Partner States users on the developed fully compatible consumer price indices software f) Provide the developed fully compatible consumer price indices software's operational manual to partner states and EAC g) Install the developed fully compatible consumer price indices software at EAC secretariat h) Establish necessary links of the developed fully compatible Consumer Price Indices software installed at EAC with Partner States Installed Systems i) Facilitate automatic generation of the EAC regional CPI j) Test the System at EAC level Train EAC Secretariat Statistics Department on the developed fully compatible software and provide EAC with the operational manual for the production of the regional CPI index
	17 Feb -23 March 2022	Uganda	International Organization for Migration (IOM), **BALAGIZI BAGUMA Olivier, Project Manager** E-mail: obalagizi@iom.int, Tel: +256771631561	Team Leader/ Lead Consultant	**Name of the Purchase Order/Contract**: Consultancy on Inter-agency Standard Operating Procedures for Information Sharing among Ministry of Internal Affairs' Departments and Agencies. **Beneficiary of the Purchase Order/Contract**: ICT Consults Ltd **Objective:** The objective of this assignment was to collect and analyse existing information-sharing protocols, procedures and practices among relevant MDAs, with particular focus on COVID-19 and other pandemics context, and develop consolidated and efficient inter-agency Standard Operating Procedures (SOPs) for better information sharing with special emphasis on the protection of sensitive information in respect of International and Uganda Laws. **Scope:** (i) Hold stakeholder meetings with pertinent MoIA institutions to further understand their roles and experiences on information sharing and protection of sensitive information within MoIA, with particular attention to border management information, and generally to internal security of Uganda. (ii) Conduct a desk review on existing frameworks on information sharing among stakeholders of MoIA.

					(iii) Carry out Data Protection impact assessment as required by the Data Protection and Privacy Act of Uganda. (iv) Analyse the Data integration needs / Requirements and Readiness of the MoIA agencies (DCIC, UPF, UPS, NIIRA, National Community Service, NGO Bureau, Ministry of Internal Affairs, Analytical Lab) (v) Conduct Data Protection framework for each of the MoIA agencies. (vi) Analyse the status Quo of the existing information sharing environment (laws, human resources) among departments in recognition of regional and international conventions on data sharing. (vii) Draft the Standard Operating Procedures (SOPs) on MoIA information sharing and protection of sensitive information. (viii) Lead the consultation process and conduct validation workshops of the SOPs with the DSC and the required MoIA bodies. (ix) Produce validated final SOPs which take into consideration the consolidated comments from the key stakeholders.
	1st November 2021 - June 2022	Uganda	Uganda National Council for Science and Technology (UNCST) Address: Plot 6, Kimera Road, Ntinda P.O.Box 6884, Kampala Uganda Tel: +256 414 705500 info@uncst.go.ug	Team Leader/ Lead Consultant	**Name of the Purchase Order/Contract**: Consultancy services to develop operational plan and guidelines for the Uganda National Science Technology and Innovation Centre (NSTEIC), Procurement Reference Number: NCST/CONS/19-20/00004 **Beneficiary of the Purchase Order/Contract**: GIS and Mapping Centre Ltd **Purpose**: The purpose of NSTEIC is to re-tool and skill graduates, technicians and craftsmen in Science, Technology, Engineering and Innovation. **Goal**: To provide competency-based training in engineering and technical disciplines to graduates, craftsmen, technicians, and engineers. **Objectives:** To develop operational plan and management guidelines detailing out the responsibility of all stakeholders and provide procedures in a step – by step manner for operationalizing the National Science, Technology, Engineering and Innovation Centre (NSTEIC). The consultancy as part of supporting the implementing agency developed detailed operational and management guidelines of NSTEIC, which included: (i) Regulatory compliance manual for NSTEIC operations; (ii) Management structure and functional structure (human resources requirements including the requisite job descriptions); (iii) Human Resources Manual; (iv) Comprehensive business model canvas for the centre; (v) An integrated Recruitment framework for trainees into the centre including appropriate fees structure for the respective majors under the project; (vi) Sustainability framework and plan for the Centre;

					(vii) Financial Model for NSTEIC; (viii) Action Plan for NSTEIC.

	23rd March 2021 – 26th October 2021	EAC (Burundi, Kenya, Rwanda, South Sudan, Tanzania & Uganda)	**IUCEA**
			Client contact: Executive Secretary Tel:**+256773181 662**
			Email: exsec@iucea.org
				Team Leader/ Lead Consultant	**Name of the Purchase Order/Contract**: Consultancy Services For Carrying Out Situational Analysis And Needs Assessment For Enhancement Of Research Management For Improved Performance Of Higher Education Systems In East Africa - No: IUCEA/SVS2020-21/001
					Beneficiary of the Purchase Order/Contract: ICT Consults Limited
					Purpose - The purpose of this assignment was to carry out a baseline study that will inform development of interventions that could enhance research management capacities in EAC universities.
					Specific Objectives - The specific objectives were to understand the contexts, analyze preconditions and identify the needs and interests of the universities in question for enhancement for research management for improved performance of higher education systems in East Africa.
					The Consultants:
					(i) Undertook a situational analysis on Research management capacities of selected universities and on their performance and contribution to sustainable knowledge-based society; and
					(ii) Undertake a needs assessment to understand gaps and challenges in order to enhance research management capacities.
					Situational analysis on research management capacities entailed:
					(i) Undertaking literature review of key documents such as research policies, research strategies, research management guides / manuals / handbooks, annual research reports, minutes of research committees, appointments and promotion polices in regard to research grants, resource mobilization policies and strategies, ICT policies and strategies in regard to electronic databases for research management; legal framework at EAC and Partner State levels
					(ii) An assessment at institutional level of:
					  (a) Organization and delivery of research management service including assessment of the structure and functions of the University research office
					  (b) Research planning, strategy and policy development
					  (c) Research development
					  (d) Partnerships and collaborations
					  (e) Research funding
					  (f) Managing funded research
					  (g) Research ethics and integrity
					  (h) Research data and research information management
					  (i) Internationalization of research
					  (j) Research mainstreaming for equity and equality

					(k) Research uptake, utilization and impact (l) Research monitoring and evaluation (M&E) system (m) A critical assessment of student research management processes within the selected universities Situational analysis on selected universities performance and contribution to sustainable knowledge-based society will entail an assessment of: research uptake, utilization and impact with special focus on: (i) Technology Transfer and Innovation Management within the Universities (ii) Knowledge transfer and intellectual property management (iii) Impact of research on the body of knowledge (discovery research) and on policy and practice (translational research) As part of the needs assessment that was conducted within the selected universities to identify / to understand gaps and challenges in research management capacities, the consultant documented how the selected universities were addressing challenges to do with among others: (i) Growing the research mission within the universities; (ii) Research quality and impact and Transforming into a research led-university (iii) Strengthening structures and processes for Research Management, and particularly devolving (iv) Research Management services down the university to where they are needed most; (v) Fragility of research administration and leadership (vi) Planning and decision support and Securing funding for university research (vii) Competition for research funds (viii)Compliance and indirect cost recovery and nurturing the research career i.e. human capital development and transformation
	May 2021 -June 2021	Uganda	**Uganda Investment Authority** *Client contact*: AMOS AMPOMUGIS HA Investment Executive, Procurement Tel:+256-414-301 000, 256-312-301 000 Mob: 0779934243	Lead Consultant	**Name of the Purchase Order/Contract**: To develop the competitiveness and Development Strategy for the Business Process Outsourcing Sector in Uganda; Reference Number: **UIA/SRVCS/19-20/00200**. **Beneficiary of the Purchase Order/Contract**: ICT Consults Limited **Brief description of the Purchase Order/Contract**: The objective of this consultancy was to develop the competitiveness and Development Strategy for the Business Process Outsourcing Sector in Uganda **The specific objectives of the consultancy were:** (i) To identify those sectors of Uganda's economy that are most attractive for foreign and local firms that could outsource back office, creative

				aampomugisha @ugandainvest. go.ug		services and/or third-party operations in the country, areas of interest include: Business Process Outsourcing (IT enabled services/call centers/shared service centers, outsourced research services, outsourced accountancy and book keeping services etc.)

services and/or third-party operations in the country, areas of interest include: Business Process Outsourcing (IT enabled services/call centers/shared service centers, outsourced research services, outsourced accountancy and book keeping services etc.)

(ii) To provide a detailed analysis of the BPO sector in Uganda, including strengths and weakness, and an assessment of competitiveness and potential for investment

(iii) To come up with a list of key companies operating in BPO sector in Uganda, including information on the scope and scale of their operation

(iv) To provide policy recommendations – from workforce development to possible incentives packages that might improve Uganda's chances of attracting investors based on the detailed sector analysis

(v) To provide an overview of the general dynamics of this sector and clarify on the future dynamics of it on the global level

(vi) To develop a complete list of multinational players engaged in global outsourcing in the above mentioned sector, for purposes of investor targeting

(vii) To provide a direct comparison from an investor's perspective as to the benefits of establishing an off shore operation in Uganda versus elsewhere in Africa

(viii) To develop a set of key marketing messages to promote the sector in Uganda to foreign investors that can be used as the basis for any promotional and marketing materials

(ix) To develop a presentation and sector brochure that might be used to convince investors to invest in Uganda and or partner with local firms invested in the sector.

The expected outcomes of the consultancy were:

(i) A technical report detailing the potential of Uganda's offshore outsourcing sector (BPO) and providing clarity on the future dynamics of the sector, including;

(ii) Policy recommendations aimed at improving the competitiveness of Uganda's business environment with an emphasis on policies designed to strengthen the country's emerging offshore services sector.

(iii) Short profiles of key investors operating in the sector in Uganda, including information on the scope and scale of their operations.

(iv) A marketing strategy which will form the basis of an approach to potential investors – to include a minimum, key marketing messages, key target markets, a brochure and Power Point Presentation(s).

					(v) A hit list of major players in the sector on a global scale as a basis for targeted marketing activities and promotion Ass of a Comprehensive Business Process Outsourcing (BPO) Sector Competitiveness And Development Strategy the following key deliverables produced by the consultant: (i) Uganda's BPO Sector Policy Brief (ii) Uganda's Detailed BPO Sector Segment Profiles (iii) Uganda's BPO Investment Promotion Tool (iv) Uganda's BPO Sector Segment Profiles (v) Uganda's BPO Sector Competitiveness Detailed Analysis (vi) Uganda's BPO Sector Competitiveness market System Assessment (vii) Uganda's BPO Sector Marketing Plan
		Feb 2021-Jul 2021	EAC (Burundi, Kenya, Rwanda, South Sudan, Tanzania & Uganda)	**Name of the Company**: East African Science and Technology Commission (EASTECO) **Address of the company**: 2nd Floor Telecom House, Kacyiru Kigali Rwanda **Phone:** (+250)-788 310 402 **Email:** easteco@eachq.org; fmuyambi@eachq.org **Name and title of the reference person from the company**: Mr. Fortunate Muyambi, Acting Executive Secretary/Principal Officer Innovation, Technology Development and Acquisition	- Individual Consultant - Short Term Consultancy	**Name of the Purchase Order/Contract**: To Develop The East African Regional Strategy For Indigenous Knowledge And Technologies Systems (IKTS); Reference Number: EAC/ESTECO/RFPs/004b/2020. **Beneficiary of the Purchase Order/Contract**: Prof. Venansius Baryamureeba **Brief description of the Purchase Order/Contract**: The objective of this consultancy was to develop a regional strategy for use and preservation of indigenous knowledge and technologies in East Africa. **The specific objectives of the consultancy were:** (x) To conduct a desk review and undertake regional survey and Partner States consultation on the status of indigenous knowledge and technology initiatives in the region; (xi) To develop regional framework for assessment, identification and cataloguing of Indigenous Knowledge and technologies in East Africa' (xii) To develop a regional framework for protection, recognition and use of Indigenous Knowledge and technologies in East Africa; (xiii) To develop a regional framework for promoting and mainstreaming indigenous knowledge and technologies in national and regional knowledge, technology and innovation systems; (xiv) To develop a Monitoring, evaluation and learning (MEL) framework for tracking the performance of progress of development of indigenous knowledge and technology system in EAC. The **responsibilities** included: (i) Literature review report on indigenous knowledge and technologies in Partner States, in the East Africa region, at continental level and globally; (ii) Baseline report on the status of indigenous knowledge and technologies in Partner States and in the East Africa region; (iii) National Consultation reports on status of indigenous knowledge and technologies in Partner State; (iv) Regional Strategy on assessment, identification, cataloguing, recognition, promotion, protection and mainstreaming of indigenous knowledge and technologies STI system in East Africa;

					(v) Regional M&E Framework for tracking the performance of progress of development of indigenous knowledge and technology system in EAC.
	Jan 2021 – April 2021	EAC (Burundi, Kenya, Rwanda, South Sudan, Tanzania & Uganda)	**Name of the Company**: EAC Secretariat **Address of the company**: P.O. Box 1096, Arusha, Tanzania **Phone:** +255272504253/8 **Email:** eac@eachq.org; comusana@eachq.org **Name and title of the reference person from the company**: Mr. Charles Omusana, Principal Economist (Investment and Private Sector Development)	- Team Leader / Lead Consultant - Short-term consultancy	**Name of the Purchase Order/Contract**: Provision of Consultancy Services for the Development of the EAC Buyers and Sellers Platform **Beneficiary of the Purchase Order/Contract**: ICT Consults Ltd **Brief description of the Purchase Order/Contract**: The broad objective of the Buyer-Seller Platform was to increase intra-EAC trade by creating awareness and market for products produced within the EAC region. The specific objectives were to: (i) Stimulate and improve market access for products produced in the region; (ii) Provide information to the public and Business community for products that can be sourced from within the region; (iii) Promote development of B2B linkages and matchmaking; and regional value chains (forward & backward linkages); (iv) Build regional brands through a Buy East Africa Build East Africa campaign; (v) Take advantage of technology to catalyse import substitution; (vi) Contribute to economic growth and improvement of EAC citizenry's welfare. The **responsibilities** included: (i) Undertake a stock taking analysis of the existing Partner States and regional online marketing platforms to ensure synergy and value addition for the EAC Buyer and Seller platform; (ii) Provide regional and international best practices on appropriate models for Buyer and Seller platform and recommend suitable models for EAC Buyer - Seller platform; (iii) Conduct extensive consultations with Private Sector apex bodies at regional and national levels include their constituent Associations; (iv) In consultation with Private Sector Associations develop/compile a database/catalog of manufacturers, producers and wholesalers and respective products; (v) In consultation with Private Sector Associations develop/compile a database/catalog of logistics/service providers and respective services; (vi) Based on (i-v), propose and develop an appropriate EAC Buyer-Seller Platform and a user manual for operationalization of the platform; and (vii) Propose an in-built Monitoring & Evaluation mechanism.
	10/01/2020 – 22/07/2020	EAC (Burundi, Kenya, Rwanda, South Sudan,	**Name of the Company**: IUCEA **Address of the company**: P.O. Box 7110, Kampala, Uganda	- Individual Consultant - Short Term Consultancy	**Name of the Purchase Order/Contract**: Study on Status of the East African Community (EAC)'s Higher Education Information Management Systems **Beneficiary of the Purchase Order/Contract**: Prof. Venansius Baryamureeba **Brief description of the Purchase Order/Contract**: The main objective was to develop the framework for the East Africa Higher Education Management

		Tanzania & Uganda)	**Phone:** +256414256251 /2 **Email:** exsec@iucea.or g; des@iucea.org **Name and title of the reference person from the company**: Prof. Mike Kuria, Deputy Executive Secretary/ Ag. Executive Secretary		Information System (EAHEMIS) and propose a strategy for implementing the same. The specific objectives of the proposed study were: a) To document and analyse existing higher education information management systems at institutional, national and regional levels. b) To document and analyse existing regional or national policies on higher education data and management c) To make recommendations for the development of a harmonised IUCEA based regional higher education information management system in line with existing systems taking into account issues of inter-operability and complementarity. d) To propose an implementation strategy for a regionally harmonised HEMIS to be housed at IUCEA. The **responsibilities** included: a) Development of an appropriate tool for data collection; b) Carrying out a critical situational analysis of existing Education Information Management Systems at institutional, national, and regional level; c) Identifying the key indicators and quantify the information resources that need to be captured by a HEMIS based at IUCEA; d) Documentation and analysis the laws that govern data sharing nationally and regionally; e) Proposing a framework for implementing a harmonised regional HEMIS and an implementation strategy for a regionally harmonised HEMIS to be housed at IUCEA; f) Compilation of a comprehensive report encompassing the findings and recommendations from the study. As an Individual Consultant, he executed all the TORs / responsibilities to completion.
	19/08/2019 - 26/06/2020	EAC (Burundi, Kenya, Rwanda, South Sudan, Tanzania & Uganda)	**Name of the Company**: EAC Secretariat **Address of the company**: P.O. Box 1096, Arusha, Tanzania **Phone:** +255272504253 /8 **Email:** eac@eachq.org; comusana@each q.org **Name and title of the reference person from the company**: Mr. Charles Omusana, Principal Economist (Investment and Private Sector Development)	- Team Leader / Lead Consultant - Short-term consultancy	**Name of the Purchase Order/Contract**: Development of the East African Community (EAC) Investment Guide **Beneficiary of the Purchase Order/Contract**: ICT Consults Ltd **Brief description of the Purchase Order/Contract**: The Overall objective of the consultancy was to provide local and international investors with information on investment opportunities and policies guiding investment in the region and specifically, to provide information on general measures for regulating investments for investors optimal decision making. The consultancy terms of reference were to:- a) Provide an overview of economic performance of all the EAC Partner States against the backdrop of the continental/global performance; b) Provide a concrete background on EAC economic and Investment climate (including trends on Investments in the EAC region over the period 2013-2018); c) Provide an overview of existing and emerging regional Investment Policy, Regulatory and institutional framework; d) Highlight the general measures for regulating Investment in each of the EAC Partner States;

					e) Highlight the Investment procedures and standard incentives for investors in the region; f) Highlight the achievements of EAC and the reasons for investing in the region; g) Carryout comprehensive consultations with the Investment Promotion Agencies and other stakeholders in the EAC region to collect information and data on the existing and emerging investment opportunities in each of the Partner States; h) Develop comprehensive potential bankable regional project and sector profiles consistent with the available investment opportunities within the EAC Partner States; and i) Produce an EAC Investment Guide and an online guide (platform) for investment in East Africa. **Responsibilities:** As Team Leader and Lead Consultant he had the overall responsibility for execution of the whole consultancy. He led in the execution of each of the TORs. He also spearheaded the national consultations in all the EAC Partner States. He was responsible for the development of comprehensive potential bankable regional project and sector profiles consistent with the available investment opportunities within the EAC Partner States and production of an EAC Investment Guide and an online guide (platform) for investment in East Africa.
		14/03/2018 – 25/11/2018	EAC (Burundi, Kenya, Rwanda, South Sudan, Tanzania & Uganda)	**Name of the Company**: East African Science and Technology Commission (EASTECO) **Address of the company**: 2nd Floor Telecom House, Kacyiru Kigali Rwanda **Phone:** (+250)-788 310 402 **Email:** easteco@eachq.org; fmuyambi@eachq.org **Name and title of the reference person from the company**: Mr. Fortunate Muyambi, Acting Executive Secretary/Principal Officer Innovation, Technology Development and Acquisition	- Team Leader / Lead Consultant - Short-term consultancy	**Name of the Purchase Order/Contract**: Development of the East African Regional Policy for Science, Technology and Innovation **Beneficiary of the Purchase Order/Contract**: ICT Consults Ltd **Brief description of the Purchase Order/Contract**: The general objective of the consultancy was to develop a policy that would create an enabling environment for increased investment in Science, Technology and Innovation (STI) in order to support sustainable regional development and socio-economic transformation. The Specific objectives of the consultancy were to: a) To prepare a draft Regional STI policy including key objectives, pillars and targets, with a monitoring and evaluation framework, a regional innovation system and an implementation system; b) To carry out national STI stakeholders' consultations on how STI can be managed, guided and regulated; c) To collect and prepare regional STI baseline data and information for evidence-based policy formulation; d) To develop effective support mechanisms for fostering S&T-led innovations. The **responsibilities** of the Consultant were: a) Through a review of existing policies, strategies and institutional arrangements in Science technology and innovation in the EAC partner states, identify gaps and implementation

challenges in the current policies and strategies, and make suggestions for improvement;

b) To conduct a baseline study aimed at identifying the main features of a regional harmonised STI platform to support regional integration and socio-economic development; the baseline shall include STI Statistics and Indicators based on the OECD Frascati Manual for R&D and the OECD Oslo Manual for Innovation Statistics and the work done under the NEPAD ASTII Programme. The proposed STI indicators must be relevant for the EAC region;

c) To carry out a stakeholder analysis and through a consultative process of soliciting input from all possible stakeholders (including but limited to relevant EAC institutions and organs, National councils/Commissions of Science and Technology, other relevant institutions in partners States, Government ministries and other stakeholders), collection of relevant data; and appropriate analyses, formulate regional STI policy objectives;

d) To ensure STI priority policy objectives and targets are in line with socio-economic development policies of the EAC Partner States and identify areas for alignment with international frameworks;

e) To identify and propose regional collaborative linkages among STI agents in EAC Region including the private sector, academia, financing institutions, R&D institutions i.a.;

f) To propose policy support measures aimed at fostering innovation & entrepreneurship in order to promote economic competitiveness through fostering innovation, value addition, industrial development and entrepreneurship;

g) To identify and recommend stakeholders, processes and mechanisms (including entry points and incentives) for adequate implementation of the policy and mainstreaming it into National and regional decision-making systems (policies, regulations, strategies and programs);

h) To identify and review the current best practices of methodologies used in technologically advanced countries, emerging and developing countries and international organizations for collecting, aggregating and analysing science, technology and innovation data with the aim of developing a monitoring and evaluation system and plan for the policy with a database of initial collected data and information;

i) To prepare a proposal on the best approach on sustainable STI human resource development;

j) Develop the communication and outreach plan for the policy;

k) To design, develop and deploy a Dynamic Science Technology & Innovation (STI) Database for the EAC hosted at East Africa Science and Technology Commission (EASTECO);

l) To identify any challenges, risks and opportunities that may affect implementation of the policy and propose solutions or mitigation measures;

m) To present the draft Regional STI policy to a regional STI stakeholder workshop for review

					and improvement of the draft Regional STI policy; Based on the input and consultation from this workshop, prepare the revised and final draft Regional STI Policy. As team leader / Lead Consultant, he took lead and was responsible for the preparation of the Regional Science, Technology and Innovation (STI) Policy including key objectives, pillars and targets, with a monitoring and evaluation framework, a regional innovation system and an implementation system; carrying out national STI stakeholders' consultations on how STI can be managed, guided and regulated; collecting and preparing regional STI baseline data and information for evidence- based policy formulation; developing effective support mechanisms for fostering S&T-led innovations; developing proposal on the best approach on sustainable STI human resource development, technological learning and innovation; developing the communication and outreach plan for the policy; and designing, developing and deploying a Dynamic Science Technology & Innovation (STI) Database for the East Africa Science and Technology Commission (EASTECO).
	05/05/2017 - 05/09/2017	EAC (Burundi, Kenya, Rwanda, South Sudan, Tanzania & Uganda)	**Name of the Company**: East African Science and Technology Commission (EASTECO) **Address of the company**: 2nd Floor Telecom House, Kacyiru Kigali Rwanda **Phone:** (+250)-788 310 402 **Email:** easteco@eachq.org; fmuyambi@eachq.org **Name and title of the reference person from the company**: Mr. Fortunate Muyambi, Acting Executive Secretary/Principal Officer Innovation, Technology Development and Acquisition	- Team Leader / Lead Consultant - Short-term consultancy	**Name of the Purchase Order/Contract**: To carry out assessment of Knowledge and Technology Transfer Institutions and to identify potential Centers of Excellence in the East African Community **Beneficiary of the Purchase Order/Contract**: ECASA Group of Consultants Ltd **Brief description of the Purchase Order/Contract**: The objective of the consultancy services was to assess existing Partner States' Knowledge and Technology Transfer institutions in order to enhance the management and exploitation of the research results and identify potential regional Centres of Excellence in Technology Transfer. Specific objectives of the assessment were to: a) Provide baseline information on the Science and Technology institutions with knowledge and technology transfer functions in the EAC partner states. b) Assess adequacy of current policies and strategies in the EAC partner states for efficient and effective knowledge and technology transfer and make proposals for an improved enabling environment; c) Make proposals for actions, including incentives, for research assessments in universities and R&D institutions to consider innovation as well as academic excellence and for business to increase its participation, funding and investment in R&D; d) Develop guidelines for improving knowledge and technology transfer that will facilitate the process of exploiting research results at national as well as regional levels e) Develop Regional Guidelines on Intellectual Property Rights f) Make recommendations for potential EAC Regional Centres of Excellence in knowledge and Technology Transfer to improve management of knowledge, technology and

							innovation services within the EAC Partner States.
							The **Responsibilities** were to**:**
							a. Review of relevant documentation including, the EAC Development Strategy, the Protocol establishing the Commission, Relevant EAC and Partner States' policies and strategies guiding knowledge and technology transfer, other documents from national, regional and AU level stakeholders including major STI donors;
				23			b. identification of gaps and implementation challenges with the current policies and strategies, and make suggestions for improvement;
							c. Carry out a stakeholder analysis and through a consultative process, solicit input from all relevant stakeholders (incl. EASTECO, relevant EAC institutions and departments, National councils / Commissions of Science and Technology, other relevant institutions in partners States). *The stakeholders included the demand side (technology users), the supply side (e.g. R&D institutions, academic research institutions) and intermediary actors (e.g. those offering IPR support, lending institutions offering credit to buyers, technology developers, etc.).*
							d. Conduct an assessment of existing institutions with Knowledge and technology transfer (KTT) functions in the EAC partner states. *This included the following:* Stated function and mission, existing capacity and a number of their characteristics (organization model, field of Science and Technology, Knowledge and technology transfer services offered, clientele and stakeholders, relevant contact details), needs, documented procedures as well as any good practices, start-ups, collaborations, constraints faced, level and sources of financing i.a.; Made available collected data in a system that allowed classification of KTTIs to serve as input to further analyses and correlations between framework conditions and the success or quality of KTTIs;
							e. Document / highlight success stories, lessons learned and best practice in Knowledge and technology transfer in various technological fields by clusters within Partner States, regionally and globally.
							f. Document and assess the management and exploitation of the intellectual property that is generated including the channels used (from generating new knowledge and turning it into new products and services), the licensing of research outputs and start-ups;
							g. Propose solutions, including incentives, for enhancing the capacity and effectiveness of the identified institutions.
							h. Assess enabling factors and constraints (challenges and opportunities) affecting the development and adoption of new knowledge and innovative technologies in the partner states,
							i. Collect other relevant information to support a consistent approach to identifying an organization as a (potential) COE in Technology Transfer;

					j. Develop and employ a tool with criteria and scorecard (based on internationally recognized models (Balanced Score Card / Baldridge Criteria for Performance Excellence) for the evaluation and selection of potential EAC Regional Centres of Excellence for Knowledge and Technology Transfer; k. Assess the possibility of regional cooperative research and technology transfer programs and propose a coordinating role for a regional network of KTTIs; l. Identify key strategic international, regional and national level partners that are relevant/necessary to achieve an efficient knowledge and technology transfer process in the EAC; m. Make proposals for actions, including incentives, for research assessments in universities and R&D institutions to consider innovation as well as academic excellence and for business to increase its participation, funding and investment in R&D; n. Develop guidelines for improving knowledge and technology transfer that will facilitate the process of exploiting research results at national as well as regional levels and o. Develop regional guidelines on Intellectual Property Rights. As team leader / Lead Consultant, led in the assessment of knowledge and technology transfer institutions and identified potential regional centers of excellence in knowledge and technology transfer in the East African Community (EAC). Assessed partner states' knowledge and technology transfer institutions in order to enhance the management and exploitation of the research results and identify potential regional centers of excellence, including development of baseline information on Science and Technology institutions with knowledge and technology transfer functions in the EAC partner states, assessment of the adequacy of current policies and strategies for efficient and effective knowledge and technology transfer, provision of specific proposals for action, including incentives for research, development of EAC regional guidelines for improving knowledge and technology transfer to facilitate exploitation of research results at national and regional levels, development of EAC regional guidelines on intellectual property management and commercialization.
	2018		East African Community	Consultant	Development of the CCF Regional Web-Based Knowledge Management Portal and Monitoring & Evaluation System for Sexual Reproductive Health / Reproductive Maternal New Born Child and Adolescent health and HIV/AIDs
	2018		Uganda National Council for Science and Technology (UNCST)	Lead Consultant / Chairperson of Taskforce	**Assignment:** Serve on the National Science, Technology and Innovation Program (NSTIP) Evaluation Committee **Role:** To advise the Uganda National Council for Science and Technology (UNCST) and the Ministry of STI on scientific and technological matters regarding the implementation of the NSTIP, evaluate concepts and full proposals (in research and development areas of

					Biotechnology/Agriculture; Health/Nutrition; Information, Communication and Telecommunication (ICT); Value Addition/Product Development; and Material Sciences/Renewable Energy) of researchers and innovators seeking funding from NSTIP, and make recommendations.
	2017		Uganda Bureau of Statistics	Consultant	**Assignment**: Recruitment of Director for Information Technology **Location**: Uganda **Role**: Successfully recruited new Director for Information Technology for the Uganda Bureau of Statistics.
	2014		Ministry of Foreign Affairs Uganda	Consultant	Technical consultant to establish a unified messaging and information sharing solution across all Ministry of Foreign Affairs establishments. The aim of this project was to improve communication and information sharing across its missions, embassies and consulates through the designing and implementation of a unified communication solution (Voice over Internet Protocol (VoIP) and Virtual Private Networks (VPN). The United Nations Development Program funded this project.
	2012		Canada-International Development Research Centre (IDRC), Makerere University	Overall Project Coordinator	**Assignment**: Organizational change and institutional reform **Location**: Uganda **Role**: Managed high-level project to strengthening the capacity of Makerere University to implement reforms and manage organizational change to strengthen leadership capacity, create an enabling environment to ensure effective devolution of institutional power and responsibilities, strengthen financial management, and strengthen resource mobilization for financial sustainability, document the learning experience and monitor project progress.
	2012		African Development Bank/Government of Uganda, Makerere University	Overall Project Coordinator	**Assignment**: Science and technology research infrastructure investment **Location**: Uganda **Role**: Part of the three-person team that wrote the initial project concept for a 5-year government initiative coordinated by the Ministry of Education and Sports and spearheaded by the Vice Chancellor at University level to improve the infrastructure and research capacity for science and technology, research, innovation and linkages with labor markets and staff development and capacity improvement.
	2011-12		Ministry of Education and Sports, Leader	Consultant	**Assignment**: ICT professional certification program development **Location**: Uganda **Role**: Spearheaded establishment of internationally recognized certification

				programs like those under Cisco Systems Inc., Microsoft Inc., and Oracle Inc., allowing the holder to work anywhere in the world.
2011-12		National Information Technology Authority, Uganda (NITA-U),	Overall Project Quality Control Consultant	**Assignment**: Development of National Information Technology Authority, Uganda (NITA-U) Strategic Plan. **Location**: Uganda **Role**: Ensured overall quality in the development of NITA-U Strategic Plan. The objective of the assignment was to develop the Strategic Plan for National Information Technology Authority, Uganda (NITA-U) whose main components were Pillars; strategic objectives, strategic and actions; implementation framework, Financing Plan and Monitoring and Evaluation Framework. The Overall Project Quality Control Consultant ensured that all the output/strategic plan was of high quality and conformed to the ToRs of the assignment.
2007-11		Nuffic, Project Leader in Uganda	Overall Project Coordinator	**Assignment**: Strengthen ICT training and research capacity in the public universities in Uganda to develop, implement and manage relevant educational and research programs for poverty alleviation, rural and economic development. **Location**: Uganda **Role**: Led project supported by Dutch organization for internationalization in education (Nuffic) to strengthen ICT training and research capacity in the public universities in Uganda to develop, implement and manage relevant educational and research programs for poverty alleviation, rural and economic development.
2010-11		European Commission, EuroAfrica-ICT Project	Regional Coordinator for Eastern Africa.	**Assignment**: Strengthening ICT cooperation between Europe and Africa **Location**: Regional (Africa and Europe) **Role**: As regional coordinator, supported policy dialogues and strengthening cooperation on ICT Research between Europe and (sub-Saharan) Africa.
2011		Makerere University	Consultant	Co-Curriculum Development Project: I was the Project Coordinator on the project called Co-Curriculum Development Project at Makerere University. This project introduced eLearning and blackboard to Makerere University. This was funded by FORD FOUNDATION.
2010		National Information Technology Uganda	Consultant	**Assignment**: Recruitment of National Information Technology Authority, Uganda (NITA-U) leadership **Location**: Uganda **Role**: Successfully recruited National Information Technology Uganda (NITA-U) Executive Director and Directors.

2008-10		Rockefeller Foundation, Makerere University	Project Coordinator and Manager	**Assignment**: National Software incubation center establishment **Location**: Uganda **Role**: Established software incubation facility that provided computing graduates from all the universities in Uganda with hands on skills in software development, mentoring by professionals from Ugandan industry and international organizations such as IBM, Cisco and FedEx. Every 6 months the faculty graduated at least 100 Certified Software Engineers/Developers.
2006-2010		Government of India/ African Union, Pan African e-Network on Tele-Education	Project Manager for Eastern Africa Region	**Assignment**: Tele-Education e-network development **Location**: Regional (Eastern Africa and India) **Role**: Represented Eastern Africa in an initiative of the Government of India and African Union to connect 53 Pan-African countries to provide electronic and knowledge connectivity as one network, including heads of State, Tele-Medicine and the Tele-Education sub networks, through satellite, fiber optic and wireless links.
2003-10		Cisco Certified Network Professional (CCNP) Regional Academy,	Overall Coordinator/ Curriculum Lead	**Assignment**: ICT network regional academy **Location**: Uganda **Role**: Led Uganda as the first Least Developed Country with a Cisco Certified Network Professional Curriculum, part of the Cisco Networking Academy Program as a strategic partnership with Cisco Systems to help train students in the world's least developed countries for jobs in the Internet economy, creating Opportunities for skills development, accelerate progress, attain sustainable development, and fully integrate into the world economy.
2001-10		Makerere University,	Chairperson	**Assignment**: ICT skills training **Location**: Uganda **Role**: Chairperson of the Makerere University End User Training Project (EUTP), which conducted all computer-related training in the university, planning and conducting successful training for over 60% of staff and all students in ICT skills so that they could fully exploit the power of ICT in research, teaching, learning and administration.
2008-10		Government of Uganda - Office of the President	Project Coordinator	**Assignment**: ICT incubation center establishment **Location**: Uganda **Role**: In close consultation with the Office of the President (Economic Monitoring), Ministry of ICT and Ministry of Education and Sports in Uganda, established a national ICT incubation center with the mandate to undertake software and business incubation, rolled out call centers, data centers and e-learning centers.

	2009		Partnership for Higher Education in Africa, Consultant	Consultant	**Assignment**: ICT curriculum development **Location**: Egypt, Ethiopia, Kenya, Mauritius, Morocco, Mozambique, Senegal, South Africa, and Uganda **Role**: As part of initiative to use the application of ICTs to transform the business of government and to enable the broad inclusion of citizens in public management, public service delivery and democratic participation at the local level and exercise economic, political, and administrative authority to better manage the affairs of a "locale", developed "Emerging Educational Approaches: New Programs and Curricula" to meet the needs of employers in Africa and around the world.
	2008-09		European Commission, EuroAfrica-ICT Project	Regional Coordinator for Eastern Africa	**Assignment**: Strengthening ICT cooperation between Europe, Caribbean and Africa **Location**: Regional (Africa, Europe and Caribbean) **Role**: As regional coordinator, supported policy dialogues and strengthening cooperation on ICT Research between Europe, the Caribbean and (sub-Saharan) Africa.
	2006-09		Nuffic, Lead Ugandan	Consultant	**Assignment**: Strengthening ICT capacity of technical colleges in Uganda **Location**: Uganda **Role**: Led Ugandan portion of project with the Dutch organization for internationalization in education (Nuffic) to strengthen the institutional capacity of the 4 technical colleges in Uganda to enhance the quality of technically skilled manpower, notably through increased use of ICTs, thereby contributing to poverty eradication and development of Uganda, development of new policies (aligned with national policies) and training programs, strengthening of ICT capacity and staff capacity building.
	2008		Gulu University	Consultant	Participated in the Design and development of Gulu University Strategic Plan for 5 Years
	2006-07		Ministry of Finance, Planning and Economic Development	Consultant	**Assignment**: Development of corporate plan and institutional structures for National Information Technology Authority-Uganda (NITA-U) **Location**: Uganda **Role**: Lead ICT Consultant in World bank-sponsored development of corporate plan and institutional structures for National Information Technology Authority-Uganda (NITA-U).
	2008		Government of Uganda,	Project Manager	**Assignment**: Development of Integrated Information and Document Management System **Location**: Uganda **Role**: Developed Integrated Information and Document Management System

2008		Department of Geological Survey and Mines (DGSM),	Consultant	**Assignment**: Document management **Location**: Uganda **Role**: Provided consultancy services for the establishment of a modern Documentation Centre at the Department of Geological Survey and Mines, Entebbe.
2004-08		Nuffic, Project Leader in Uganda	Overall Project Coordinator	**Assignment**: Building sustainable ICT training capacity in the public universities in Uganda **Location**: Uganda **Role**: Spearheaded first ever-joint ICT project bringing together the four public universities in Uganda (Makerere, Mbarara, Gulu and Kyambogo) and the Dutch organization for internationalization in education (Nuffic), which aimed at addressing ICT human resource capacity, including training, procurement of computing equipment and strengthened teaching and research abilities.
2003-08		United Nations Economic Commission for Africa (UNECA), VarsityNet Project	East Africa Region Project Manager	**Assignment**: ICT research development **Location**: Regional (East Africa) **Role**: Managed project funded by United Nations Economic Commission for Africa (UNECA) and coordinated by the Inter-University Council of East Africa (IUCEA) to enable African universities and research institutions to play a greater role in the information society and become one of its key pillars by offering innovative solutions and applications, including encouraging the software development role of universities and reinforcing their potential role as incubators and generators of ideas. The project developed a unique methodology to undertake a needs assessment at the East African Community (EAC) and conducted a survey targeted at EAC and its three autonomous institutions: Inter-University Council of East Africa (IUCEA), the East African Development Bank and the Lake Victoria Fisheries Organization (LVFO), conducted research and development activities, and then applied the knowledge and expertise accumulated during the first phase to a wider context, including creation of a common framework, based on Open Source Software (OSS), for integrating IUCEA member universities' education services.
2001-2008		Royal Kingdom of Norway-NORAD/ Makerere University,	Project Manager	**Assignment**: Computing center infrastructure investments **Location**: Uganda **Role**: Oversaw procurement and construction of initial 2500sq meters ultra-modern computing center funded by NROAD and then the largest computing center in Africa with an approximate area of 12,500sq meters funded from internally

					generated funds of Makerere University Faculty of Computing and IT.
	2008		Gulu University	Consultant	Participated in the Design and development of Gulu University Strategic Plan for 5 Years
	2008		Law Development Center	Consultant	Development of an e-learning platform at Law Development Center Uganda
	2008		Kampala International University	Consultant	Development of an e-learning platform for Kampala International University and implementation of eLearning at Kampala International University
	2008		World Health Organization	Consultant	Design and Development of OMEVAC (Open Mobile Electronic Vaccine Trials a complete secure, mobile electronic system for data collection and management of vaccine trials from source to publication. Main activities of the assignment 1. Develop a generic data collection and management tool for vaccine trials based on EpiHandy. 2. Develop a generic electronic study protocol tool. 3. Adhere to International standards in clinical trials. 4. Develop secure and improved methods of linking a study subject with the data collected. 5. Improved options of data analysis at trial sites through R statistical packages. 6. Improved data publishing and sharing possibilities in clinical trial through Nesstar. 7. Validate and fully test OMEVAC
	2008		Plan Uganda/USAID	Consultant	Technical Consultancy services to conduct a Systems Requirements Process and Feasibility Study of the Birth and Death Registry System for the Ministry of Constitutional Affair
	2007		Government of Uganda,	Project Manager	**Assignment**: Development of automated Uganda Birth and Death Registry **Location**: Uganda **Role**: Developed an automated Uganda Birth and Death Registry for the Ministry of Justice and Constitutional Affairs
	2007		Bank of Uganda,	Project Manager	**Assignment**: ICT system library and access management **Location**: Uganda **Role**: Provided consultancy services for development of the Integrated Library Management and Information Access System for Bank of Uganda
	2006-07		Canada-International Development Research Centre (IDRC), LOG-IN Africa	Team Leader for Uganda	**Assignment**: African e-government assessment and policy recommendations **Location**: 9 African countries **Role**: Assessed use of e-local government initiatives in 9 African countries, including internal organizational processes of local governments, provision of information and

				service delivery, promotion of the principles of good governance, public participation and consultation. Established a virtual network of research peers to ensure effective implementation and dissemination of research results.
2002-07		United Nations Economic Commission for Africa (UNECA)	Consultant	**Assignment**: African development policy **Location**: Africa **Role**: ICT consultant to the African Development Forum (ADF) and World Summit on Information Society (WSIS)
2003-07		African Learning Network,	Coordinator	**Assignment**: Information society research and development **Location**: Africa **Role**: Coordinated program geared towards enabling African universities and research institutions to play a greater role in the information society and become one of its key pillars by offering innovative solutions and applications; represented the 'Knowledge Sharing and Building Intellectual Capital' goal of the Africa Learning Network, which aimed at promoting the creation and presentation of content and knowledge by learners and teachers and to empower them as global communicators.
2007		School of Post Graduate Studies Makerere University	Consultant	Needs assessment and designing of a system to coordinate researchers and the school of postgraduate studies by enabling instant access to previous researchers done by postgraduate students, MUK researchers. The system could enable instant search capabilities to allow instant access to research done, papers published, dissertations, theses and programs.
2007		Institute of Chartered Professional Accountants Uganda	Consultant	Needs Assessment and designed and developed a Web based Database management System that could enable Display of Students results on the ICEAC website, storing of student results and their details, automatic generation of transcripts and certificates, automatic writing of student invitation letters for examinations and allocation of examination seat numbers
2007		*Academic Registrar Makerere University Kampala*	Consultant	Need assessment consultancy and designing of a transcript processing system that was aimed at reducing the inefficiencies in the manual system, which resulted into delays and a lot of inaccuracies in the transcripts processed.
2007		Uganda Law Reform Commission Headquarters Address	Consultant	Computerization of the Law Revision Center in order to aid ULRC to efficiently accomplish the task of revising Uganda's law's that had not been revised for the last 37 years.
2005		Hospice Uganda	Consultant	Development of an e-learning platform for Hospice Uganda

2005		Kampala City Council,	Project Manager	**Assignment**: Participation in the Development of Kampala City Council Intranet. **Location:** Uganda **Role**: Managed the design, development and implementation of the Kampala City Council Intranet
2005		Hospice Uganda	Consultant	Participated in the Design and development of Hospice Uganda Strategic Plan for 5 Years
2003-04		Cisco Systems University Research Program	Principal Researcher/ Primary Investigator and Project Manager	**Assignment**: Assessment of quality of service in Uganda **Location**: Uganda **Role**: Assessed "Quality of Service (QoS) in Least Developed Countries (LDCs): A Case Study of Uganda". The research focused on integrated and differentiated services with particular emphasis on how the results could help the Internet service providers, end users and regulatory bodies in meeting their goals and objectives. MTN Uganda and UTL Uganda were used as case studies. The research suggested heuristic algorithms aimed at improved quality of service and the results showed how countries such as Uganda could optimally utilize the small bandwidth without charging the end users more
2001-04		Makerere University	Coordinator	**Assignment**: Development of university level e-learning **Location**: Uganda **Role**: Coordinated Makerere University E-learning Project to develop capacity to integrate the use of ICT in the University's core function of teaching and learning, including developing a solid knowledge base in the area of educational uses of computers and through the development of knowledge and expertise in this field within the university academic staff.
2004		Makerere University	Consultant	Development of an e-learning platform for Makerere University and implementation of eLearning at Makerere University

15. Other Relevant Information:	
15.1. Publications:	**A: JOURNALS** i. **Venansius Baryamureeba**, Wilfred Karukuza Nahamya (2014). The Role of TVET in Building Regional Economies, International Journal of Vocational Education and Training Vol. 22 No. 1, pp 7-15. ISSN: 1075-2455. ii. Washington Okori, Joseph Obua, and **Venansius Baryamureeba** (2010). Logit Analysis of Socioeconomic Factors Influencing Famine in Uganda. Journal of Disaster Research, Vol.5, No.2 pp. 208-215, 2010 iii. Okori W., Obua J., and **V. Baryamureeba** (2009). Famine Disaster Causes and Management Based on Local Community's Perception in Northern Uganda, Research Journal of Social Sciences, 4, 21 -32. iv. R. Wesonga, J.P. Jehopio and **V. Baryamureeba** (2008). Stochastic Optimisation Model for Agricultural Production in Africa using Remote Sensing Technology. Makerere University Research Journal (MURJ), Vol. 003(1), pp. 81 – 87. v. Kitoogo F., **Baryamureeba** V. and G. De Pauw (2008). Towards Domain Independent Named Entity

Recognition. International Journal of Computing and ICT Research, Vol.2, No.2, pp. 84-95.

vi. Wakabi-Waiswa P., and **V. Baryamureeba** (2008). Extraction of Interesting Association Rules Using Genetic Algorithms, International Journal of Computing and ICT Research, Vol.2, No.1, pp. 26-33.

vii. **Baryamureeba V.** and T. Steihaug, (2007). On the Properties of Preconditioners for Robust Linear Regression, International Journal of Computing and ICT Research, Vol.1, No.2, pp. 50-66,

viii. Kitoogo F. E. and **V. Baryamureeba** (2007). Meta-Knowledge as an Engine in Classifier Combination, International Journal of Computing and ICT Research, Vol.1, No.2, pp.74-86.

ix. **Baryamureeba V.**, (2007). ICT as an Engine for Uganda's Economic Growth: The Role of and Opportunities for Makerere University, International Journal of Computing and ICT Research, Vol.1, No.1, pp. 47-57.

x. Wanyama T. and **V. Baryamureeba** (2007). The Role of Academia in Fostering Private Sector Competitiveness in ICT Development, International Journal of Computing and ICT Research, Vol.1, No.1, pp. 58-67.

xi. Kitoogo F. E. and **V. Baryamureeba** (2007). A Methodology for Feature Selection in Named Entity Recognition, International Journal of Computing and ICT Research, Vol.1, No.1, pp. 18-26.

xii. **Baryamureeba V.** and F. Tushabe, (2006). The Enhanced Digital Investigation Process Model, Asian Journal of Information Technology 5(7): pp. 790-794.

xiii. **Baryamureeba V.** and Ngubiri J. (2006). On Improvement of the Volcano Search and Optimization Strategy, J. Dongarra, K. Madsen, and J. Wasniewski (Eds.), Lecture Notes in Computer Science (LNCS), LNCS 3732, pp.839-846.

xiv. **Baryamureeba V.** and T. Steihaug, (2006). On the Convergence of an Inexact Primal Dual Interior Point Method for Linear Programming, I. Lirkov, S. Margenov, and J. Wasniewski (Eds.), Lecture Notes in Computer Science (LNCS), LNCS 3743, pp.629-637.

xv. Lowu F. and **Baryamureeba V.** (2006). On Efficient Distribution of Data in Multicast Networks: QoS in Scalable Networks, I. Lirkov, S. Margenov, and J. Wasniewski (Eds.), Lecture Notes in Computer Science (LNCS), LNCS 3743, pp. 518—525.

xvi. Tushabe F. and **V. Baryamureeba,** (2005). Cyber Crime in Uganda: Myth or Reality? Transactions on Engineering, Computing and Technology V8, ISSN 1305-5313.

xvii. Samson Okwakol Ariko and **Venansius Baryamureeba.** (2005). On Internet Access Technology Specification Model. World Academy of Science, Engineering and Technology, Issue 8, page 61 – 65.

xviii. **Baryamureeba V**. (2004). Solution of Robust Linear Regression Problems by Krylov Subspace Methods, I. Lirkov et al. (Eds.), Lecture Notes in Computer Science (LNCS), LNCS 2907, pp. 67-75.

xix. **Baryamureeba V**, (2002). Solution of Large-Scale Weighted Least Squares problems, Numerical Linear Algebra with Applications, Vol. 9, pp. 93—106.

xx. **Baryamureeba V**. (2001). The Impact of Equal-Weighting of Both Low-Confidence and High-Confidence Observations on Robust Linear Regression Computation, BIT Numerical Mathematics, Issue 41, No. 5, pp.847—855.

xxi. **Baryamureeba V.** (2001). On Solving Large-Scale Weighted Least Squares Problems, I. Lirkov, J. Wasniewski and P. Yalamov (Eds.), Lecture Notes in Computer Science (LNCS), LNCS 1988, pp.59-67.

xxii. **Baryamureeba V**, Steihaug T. and Y. Zhang (1999). Application of a Class of Preconditioners to Large Scale Linear Programming Problems, Lecture Notes in Computer Science (LNCS), LNCS 1685, pp. 1044 -1048.

xxiii. **Baryamureeba V.** and T. Steihaug, (1999). Computational Issues for a New Class of Preconditioners, Michael Griebel, Svetozar Margenov, Plamen Yalamov (Eds.), Large-Scale Scientific Computations of Engineering and Environmental Problems II, In Series Notes on Numerical Fluid Mechanics, Vol. 73, pp. 128--135, Vieweg.

xxiv. **Baryamureeba** V. and T. Steihaug, (1999). On a Class of Preconditioners for Interior Point Methods, Nordic Section of the Mathematical Programming Society, Opuscula 49, ISSN 1400--5468.

B: Book Chapters

i. Habinka A., Sol H.G., and **Baryamureeba** V., (2009). "Knowledge Management for Small and Medium Enterprises in Developing Countries – Uganda: A Studio Based Approach", *Conference proceedings of European Conference on Intellectual Capital: INHollanda University of Applied Sciences, Haarlem, the Netherlands: April 28–29, 2009, ISBN: 987-1-906638-30-6CD,* pp. 246 – 253.

ii. Habinka A., Sol H.G., and **Baryamureeba** V., (2009). "Approaches towards Effective Knowledge Management for Small and Medium Enterprises in Developing Countries - Uganda" *IST-Africa 2009 Conference Proceedings, IIMC International Information Management Corporation, 2009, ISBN: 978-1-905824-11-3.*

iii. **Baryamureeba V**. (2008). ICT-enabled Services: A Critical Analysis of the Opportunities and Challenges in Uganda. Special Topics in Computing and ICT Research Vol. 4, Janet Aisbett, Greg Gibbon, Anthony J. Rodrigues, Joseph Kizza Migga, Ravi Nath, Gerald R Renardel (Eds.), Strengthening the Role of ICT in Development. ISBN 978-9970-02-871-2, pp. 215-235.

iv. Wakabi P., **Baryamureeba** V., and K. Sarukesi (2008). Mining Generalized Association Rules Using Genetic Algorithms. Special Topics in Computing and ICT Research Vol. 4, Janet Aisbett, Greg Gibbon, Anthony J. Rodrigues, Joseph Kizza Migga, Ravi Nath, Gerald R Renardel (Eds.), Strengthening the Role of ICT in Development. ISBN 978-9970-02-871-2, pp.59-69.

v. Tushabe F., Jehopio P, **Baryamureeba V**, Bagyenda P, and C. Ogwang, (2008). The Status of Software Usability in Uganda. Special Topics in Computing and ICT Research Vol. 4; Janet Aisbett, Greg Gibbon, Anthony J. Rodrigues, Joseph Kizza Migga, Ravi Nath, Gerald R Renardel (Eds.), Strengthening the Role of ICT in Development. ISBN 978-9970-02-871-2, pp. 1-11.

vi. Lowu F. X. and **V. Baryamureeba** (2008). Delay-Optimized Path in Peer-to-Peer Networks. Special Topics in Computing and ICT Research ISBN 978-9970-02-871-2, Vol. 4, pp. 312-320.

vii. Wakabi-Waiswa P. P. and **V. Baryamureeba,** (2007). Extraction of Interesting Association Rules Using Genetic Algorithms, Special Topics in Computing and ICT Research Vol. 3; Joseph Kizza Migga Janet, Aisbett Janet, Katherine Getao, Victor W Mbarika, Dilip Patel, Anthony J. Rodrigues (Eds.), Strengthening the Role of ICT in Development. ISBN 978-9970-02-730-9, pp. 101-110.

viii. **Baryamureeba V.,** (2006). On Solving Large-Scale Linear Systems Arising from Interior Point Methods for Linear Programming, Joseph Kizza, Janet Aisbett, Andrew Vince, and Tom Wanyama (Eds.), Special Topics in Computing and ICT Research: Advances in Systems Modelling and ICT Applications, ISBN 13:978-9970-02-604-3; ISBN 10:9970-02-604-6, Vol. 2, pp. 50-64.

ix. Angeyo J. S., **Baryamureeba V.,** and P. Jehopio, (2006). A Dynamic Framework for the Protection of Intellectual Property Rights in the Cyberspace, D. Williams and V. Baryamureeba (Eds.), Special Topics in Computing and ICT Research: Measuring Computing Research Excellence and Vitality, ISBN 13:978-9970-02-592-3; ISBN 10:9970-02-592-9, Vol. 1, pp. 230-247.

x. Ddembe W. and **V. Baryamureeba,** (2006). An Investigation of Heads of Computing Departments in Higher Education Institutions, D. Williams and V. Baryamureeba (Eds.), Special Topics in Computing and ICT Research: Measuring Computing Research Excellence and Vitality, ISBN 13:978-9970-02-592-3; ISBN 10:9970-02-592-9, Vol. 1, pp. 3-11.

xi. **Baryamureeba V.** and W. Ddembe, (2006). The Doctoral Programme in Computing at Makerere University: Lessons Learned and Future Improvements, D Williams and V. Baryamureeba (Eds.), Special Topics in Computing and ICT Research: Measuring Computing Research Excellence and Vitality, ISBN 13:978-9970-02-592-3; ISBN 10:9970-02-592-9, Vol. 1, pp. 26-35.

xii. **Baryamureeba V** and W. Ddembe, (2006). Inter-departmental Staff Transfers in a Multidisciplinary Research Environment: Towards Transfer Criteria for Academic Staff at Universities in Developing Countries, D Williams and V Baryamureeba (Eds.), Special Topics in Computing and ICT Research: Measuring Computing Research Excellence and Vitality, ISBN 13:978-9970-02-592-3; ISBN 10:9970-02-592-9, Vol. 1, pp. 36-43.

C: Conference Proceedings

i. Wakabi-Waiswa, **V. Baryamureeba**, and K. Sarukesi, (2011). Optimized Association Rule Mining with Genetic Algorithms. Published in the Proceedings of the 7th International Conference on Natural Computation (ICNC'11), Shanghai, China, July 2011

ii. Wakabi-Waiswa P.P. and **V. Baryamureeba,** (2011). Mining High Quality Association Rules Using Genetic Algorithms. Published in the Proceedings of The 22nd Midwest Artificial Intelligence and Cognitive Science Conference 2011, Cincinnati, USA, April 16-17.

iii. Tushabe F. and **V. Baryamureeba** (2010). Implications of Cyber Crime on Social-Economic Development, At the launch of the African Center for Cyberlaw and Cybercrime prevention, The United Nations African institute for the prevention of crime and the treatment of offenders, 26 - 27th August 2010, Kampala, Uganda.

iv. Tushabe F, **Baryamureeba V.** and F. Katushemererwe, (2010). Translation of the Google Interface into Runyakitara. Published in the Proceedings of the 6th Annual International Conference on Computing and ICT Research - ICCIR 10, Kampala, Uganda, August 1- 4.

v. Annabella Habinka, Henk Sol, **Venansius Baryamureeba.** (2009). Approaches Towards Effective Knowledge Management for Small and Medium Enterprises in Developing Countries – Uganda. IST-Africa 2009 Conference Proceedings 06 - 08 May 2009, Uganda

vi. Kitoogo F. and **V. Baryamureeba,** (2007). The use of Meta-knowledge for Enhanced Classifier Combination. Annual Conference of the South African Institute of Computer Scientists and Information

Technologists (SAICSIT 2007) Fish River Sun, Sunshine Cost, South Africa, 30th September – 3rd October.

vii. Muhirwe J. and **V. Baryamureeba,** (2007). Towards Computational Morphological Analysis for Kinyarwanda, the 1st International Conference in Computer Science and Informatics, Nairobi, Kenya' February 5-7.

viii. Wakabi-Waiswa P. P. and **V. Baryamureeba**, (2007). An Improved Multi-Objective Algorithm for Association Rule Mining, 1st International Conference in Computer Science and Informatics, Nairobi, Kenya 5th-7th February 2007.

ix. Kitoogo F.E. and **V. Baryamureeba**, (2007). On Classifier Combination for Better-Named Entity, Published in the Proceedings of the 1st International Conference in Computer Science and Informatics, Nairobi, Kenya February 5-7.

x. **Baryamureeba V.** and T. Steihaug, (2000). Preconditioning for Iterative Methods in Robust Linear Regression. Presented at the 16th IMACS WORLD CONGRESS 2000 on Scientific Computation, Applied Mathematics and Simulation in Lausanne, Switzerland. Published in the Conference Proceedings August 21-25.

xi. **Baryamureeba V.,** (2000). A New Function for Robust Linear Regression: An Iterative Approach. Presented at the 16th IMACS World Congress on Scientific Computation, Applied Mathematics and Simulation in Lausanne, Switzerland. Published in the Conference Proceedings 21st-25th August 2000.

xii. **Baryamureeba V.**, (2000) Solution of Robust Linear Regression Problems by Preconditioned Conjugate Gradient Type Methods, Presented at "Sixth copper mountain conference on iterative methods, 3-7 April 2000, University of Colorado, USA". Paper for Hard Copy Proceedings. Technical Report No. 187, Department of Informatics, University of Bergen, 5020 Bergen Norway.

D: Reports

i. **Baryamureeba V.** (2000). Preconditioners for Sequences of Weighted Linear Systems, Technical Report No. 198, Department of Informatics, University of Bergen, 5020 Bergen, Norway.

ii. **Baryamureeba V.** (2000). Basis Based Low-Rank Correction Preconditioners for Sequences of Weighted Least Squares Problems, Technical Report No. 205, ISSN 0333-3590, Department of Informatics, University of Bergen, 5020 Bergen, Norway.

iii. **Baryamureeba V**., and T. Steihaug (1999). Properties and Computational Issues of a Preconditioner for Interior Point Methods, Technical Report No. 180, ISSN 0333-3590, Department of Informatics, University of Bergen, 5020 Bergen, Norway.

E: Dissertations

i. **Venansius Baryamureeba**, On Solving Large Sparse Linear Systems Arising from Linear Programming and Linear Regression. Ph.D. Thesis, Department of Informatics, University of Bergen, 5020 Norway. Copyright © 2000 Department of Informatics, University of Bergen, 5020 Norway

ii. **Venansius Baryamureeba**, Primal-Dual Interior-Point Method using an Iterative Solver for the Linear System. M.Sc. Thesis, Department of Informatics, University of Bergen, 5020 Norway. Copyright © 1996 Department of Informatics, University of Bergen, 5020 Norway.

F: Books

i. Venansius Baryamureeba And Trond Steihaug, On Solving Large Sparse Linear Systems Arising from Linear Programming, SBN-13: 978-3-659-76397-7; ISBN-10**:** 3659763977, LAP LAMBERT Academic Publishing, 2018.

ii. Venansius Baryamureeba, They Will See Him- Memoir of a Remarkable Life, ISBN 978-9970-477-04-3, 2015.

iii. Venansius Baryamureeba, The Ideal Uganda: My Perspectives, ISBN 978-9970-477-02-9, 2014.

iv. Mary Komunte and Venansius Baryamureeba, Web Security: A Trust Model for Building Confidence in Business-to-Business Consumer Electronic Commerce Transactions, ISBN-10: 3838379500; ISBN-13**:** 978-3838379500, LAP LAMBERT Academic Publishing, 2010.

G: Innovations

i. I discovered the Barya function, which has become one of the most used functions to solve engineering and economic problems that can be formulated as linear regression problems [BIT Vol. 41, No.5, pp. 847-855, 2001].

ii. I established a new strategy for efficiently solving problems that can be formulated as linear programming problems or weighted least squares problems such as engineering problems in VLSI layout optimisation [Numer. Linear Algebra and Appl. Vol. 9, pp. 93-106, 2002] that has been adopted in many commercial and non-commercial solvers.

	iii. I together with Florence Tushabe developed the 'Enhanced Digital Investigation Process Model' [Asian Journal of Information Technology 5(7): pp. 790-794, 2006] that has been adopted worldwide in forensic investigations
15.2. Professional recognitions:	a) The Uganda Vice Chancellors' Forum Appreciation Award in recognition of his distinguished contribution towards the progressive success of Higher Education in Uganda (2016). b) Africa Education Leadership award by Jacob Mills, the Global Chairman of African leadership awards (2015). This Award of the highest stature was presented to Individuals and Institutions who surpassed several levels of its excellence and set an example of being a role model and Exemplary Leadership. c) Office of the Prime Minister of the Republic of Uganda Evaluation Award in honour of his contribution towards building evaluation capacities in Uganda (2015). d) African Society for ICT (ASICT) lifetime achievement award in ICT Research and Education in recognition of his immense contribution to the African continent in the ICT sector in the areas of research and education (2014). e) Golden Jubilee Medal of the Republic of Uganda (the highest honour bestowed on a non-head of state by the President Republic of Uganda) in recognition of his contribution to Education and ICT in the region (2013). f) Golden Star Academic & Educational Excellence award for Outstanding Contribution to Education by World Marketing Summit, Malaysia (2013). g) Europe Business Assembly Socrates Prize Award in the Education Category (2012). h) Award of Recognition in appreciation of his dedicated service and exemplary contribution to the National Council for Higher Education (NCHE) (2012). i) Admitted as permanent member of the Club of the Rectors of Europe (C.R.E.) whose mission is to consolidate efforts of the world scientific community in the development of provisions of the Bologna Process (2012). j) Amity Global Academic Excellence Award, awarded during the Amity International Business School International Business Summit (INBUSH) (2012). k) Award for Outstanding Contribution to Education at the Africa-India Partnership Summit Le Matinal Educational Excellence Awards (2011). l) 2009 TWAS-ROSSA Prize for Building Scientific Institutions for the African Region (2009). The Academy of Sciences in the Developing World (TWAS) is an autonomous international organization, based in Trieste, Italy, that promotes scientific excellence for sustainable development in the South. m) Most Influential ICT Personality in Uganda award from ICT Creative Ltd (2009). n) International Educator of the Year 2009 Award from International Biographical Centre of Cambridge, England (2009). o) Included in the 'TOP 100 Professionals-2009' by the International Biographical Centre in recognition of his significant contribution in the area of ICT to engender influence on the local, national and international scene (2009). As a bearer of Top 100 Professionals 2009, he was recorded in perpetuity in the halls of the International Biographical Centre of Cambridge, England. p) Included in the '2000 Outstanding Intellectuals of the 21st Century' by the International Biographical Centre of Cambridge, England (2009). q) Recognition Award for his distinguished service to the Makerere University Academic Staff Association (MUASA) as its representative on the Makerere University Council (2009). r) Included in the 2009 Edition of "Who's Who in the World (2008). Distributed globally, Marquis' Who's Who in the World is relied upon by business leaders, journalists, academics, and other professionals for its accuracy and currency of information. s) Runner-up at the Presidential Science Awards in the Science and Technology Excellence Award category, Republic of Uganda, in recognition of his innovative approach to institutional and human capacity development in computer science (2008). t) 2007 Top ICT Educator/ Academic Award in Africa (2007). u) Honoured by IBM (2007); A statement from IBM dated 4th December 2007 in New York stated that, "*IBM made a gift in honour of Professor Baryamureeba to the United Nations (UN) Foundation in support of Nothing but Nets, a grassroots campaign to save lives by preventing malaria*". v) Professional of the Year 2005 – British Council Award (2005). This award was mainly for achievers, mentors and inspirational managers who have contributed immensely to the management of their organizations as well as International communities. **w)** Recognized by the Uganda National Council for Science and Technology in the 2005 Presidential Science Award Cycle for his efforts in empowering communities (educational and non-educational communities)

		with ICT skills so as to improve the quality of life through creation of human resource and socioeconomic development and for spearheading ICT training, research and consultancy services in sub-Saharan Africa (2005).
15.3. Speaking Engagements:	a)	Key note address on ''An Overview of ICT Research in enabling STI advancement in the wide range of sectors of economy and livelihoods in the integrated EAC: Case of the impact of COVID-19 pandemic''. The 2nd EAC Science, Technology & Innovation Conference organised by EASTECO and IUCEA, 28th October 2021
	b)	Welcome Speech at the Libsense Regional Open Science Policy Development Workshop Jointly Organised By: UbuntuNet Alliance AfricaConnect3 Project, UNESCO and IUCEA, 8th October 2021.
	c)	Keynote Speech on ''Africa and the Bioscience Revolution: Where are the Youth and Women'', 3rd National Agricultural Biosciences Conference (NABIO2018) Conference, 26th and 27th March 2018, on 27th March 2018 at Uganda Industrial Research Institute (UIRI), Kampala, Uganda. Theme: "Harnessing Biosciences for Food Security and Development".
	d)	Keynote Speech on the "Role of ICT in Enhancing Agricultural Innovations and Value-Chain Development in Uganda" at the Youth Champions in Agricultural Production and Value Chain Development organized by the Ministry of Agriculture, Animal Industry and Fisheries, Uganda, October 2017.
	e)	Keynote address: "Data Science: A Multi-Faceted Discipline", Africa Data Forum Johannesburg Conference, 24th February 2017
	f)	Keynote Address: "Operations Research and ICT", 12th Operations Research Society for Eastern Africa (ORSEA) Conference, October 20-21, 2016,
	g)	Keynote Paper: "Best Practices in E-learning" at the Annual National Youth Conference (ANYC), Kampala, Uganda (2015)
	h)	Keynote Address: "Effective Use of ICT Tools in Implementing Uganda's Foreign Policy" at the Ambassadors Annual Retreat and Conference, held at the Ministry of Foreign Affairs, Kampala, Uganda (2015)
	i)	Keynote Address: "Earmark Resources for Science, Technology and Innovation" at the 4th Graduation Ceremony of All Saints University Lango (ASUL), Uganda (2014)
	j)	Keynote Address: "Best Practices for Implementation of E-Government Initiatives in Uganda with focus on E-Procurement" at launch of the E-Procurement Strategy by Public Procurement and Disposal of Public Assets Authority (PPDA), Kampala, Uganda (2014)
	k)	Keynote Address: "Using Technology to Enhance Service Delivery in a SACCO", at the Wazalendo SACCO Retreat, Jinja District (2014)
	l)	Keynote Address: "Regional Research and Innovation Collaborations Key for Eastern Africa's Development" at the closing ceremony of the 10th Operations Research Society of Eastern Africa (ORSEA) Conference and Celebrations (2014)
	m)	Keynote Address: "Role of Social Media in improving Service Delivery" at the official launch of the 1st East Africa Social Media Conference, Kampala, Uganda (2014)
	n)	Keynote Address: "ICT Integration in Higher Education: Perspectives and Way Forward", ICT conference held in Yaoundé Cameroon, (2014)
	o)	Keynote Address: "Information Technology (IT) Education in the COMESA Region: Way Forward for Uganda", e-Learning Africa Conference Action seminar at Trinity College, Nabbingo, in Wakiso District, Uganda (2014)
	p)	Keynote Address: "Science, Innovation and Economic Development "at the 2nd International Conference on Society for Advanced Science in Africa (SASA). Kampala, Uganda (2014)
	q)	Keynote Address: "Unlocking Entrepreneurial Skills through ICT", 7th Graduation Ceremony of Uganda Institute of Communication and Technology (UICT), Kampala, Uganda (2014)
	r)	Keynote Address: "ICTs and Social media platforms to Improve Service Delivery" at training workshop on Foundations of Government Information Leadership held at the International Resource Centre in Kampala, Uganda (2014)
	s)	Keynote Address: "Science, technology and innovation to steer regional integration agenda" at the opening ceremony of the Common Market for Eastern and Southern Africa (COMESA) Summit of Heads of State and Governments held in the Democratic Republic of Congo (DRC) (2014)
	t)	Keynote Address: "Embracing ICT, Public Diplomacy and Social Media as Vehicles of Promoting Socio-Economic Transformation" at the Ambassador's Forum, Kampala, Uganda (2014)
	u)	Presented on the topic, "Building & Strengthening Capacities in ICT Research. Reinforcing Research Capacity in Africa: Trends, Gaps and Opportunities" at the 4th Euro-Africa Cooperation Forum on ICT Research in Cape Town, South Africa (2011)

	v) Presented on "E-Learning and Teaching Systems for Universal Digital Access" at the 3rd Euro- Africa Cooperation Forum on ICT Research, Helsinki Finland (2010)
15.4. Languages:	English (excellent written and oral skills); Swahili (fairly spoken); Kinyarwanda and Kirundi (fairly spoken)

16. Statement:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

Full name of staff member: Venansius Baryamureeba, April, 2024