



**SAVANNAH**  
Institute for Business & Informatics

## ABOUT US

Savannah Institute of Business and Informatics (SIBI) is a fast growing centre for innovation and digital skills development supplementing other educational institutions and supporting professionals in the workplace who need to re-tool for today's fast-moving digital enterprise.

Whether one is a high school student who wants to create mobile apps or an engineer who needs to hone their skills to accelerate career advancement, we have a place for you.

SIBI seeks to support communities by helping identify and alleviate community and national challenges through a proactive, future-oriented approach to human resource development in technology and techno-entrepreneurship

To achieve its objective SIBI is involved in a number of initiatives such as Girls in ICT, Kids R Coding and support for widows and orphans. Our students' projects are planned to help automate organizations that would have difficulty automating on their own.

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Juja, Kenya



## ADVISORY PANEL



PhD in HRD  
systems  
M.Sc Entrepreneurship  
B.Eng Mechanical Eng.

#### **Prof. Jason Githeko**

Prof. Githeko's recent research focus has been innovation in applied computing especially on web-based and mobile computing environments.

One project that is nearing completion is an English-Kiswahili mobile translator. He's actively involved in several research projects including road safety, web-based survey methods, and electronics.

Prof. Githeko has 26 years of experience in higher education all of which has been spent working in technology. He has held several directorships at Egerton University and been an external examiner at the University of Nairobi, Kabarak University and Kenyatta University.

#### **Dr. John Kanyaru**

Dr. Kanyaru's core research area is Software Engineer-



PhD Software  
Engineering  
B.Sc Computer  
Science

ing, particularly, Requirements Engineering. His current research activity is the investigation of a means to derive useful design models from specifications.

Dr. Kanyaru also has research interests in healthcare informatics, especially, patient safety concerns arising from errors in medication.

Dr. Kanyaru has over 10 years lectureship experience, mainly within UK universities. He has held administrative roles such as Programme Leader for MSc programmes and Director for Undergraduate Studies (Heriot-Watt University).

He is passionate about teaching computer science, and

has strengths in areas such as software design and development, programming languages, data structures and algorithms, and mobile applications development.

#### **Dr. Dominic Mutiria**

From July 1997 to date, Dr. Mutiria has been working in Nairobi, Kenya within the Office of the Auditor-General



PhD computer  
Science  
M.Sc Information  
Systems

and currently holds the Director of IT Audits position.

He has several years experience as a part-time lecturer and consultant at KeMU. His current research interests are Network Security and Privacy, Information Security, Location Based Services Privacy, Cloud Based Systems, Reputation Systems and designing Security Protocols.

#### **Dr. Elizaphan Maina**

Dr Maina has taught Computer Science for over ten years in Universities and Tertiary colleges. Currently he is a lecturer at Kenyatta University's Department of Computing and Information Technology (CIT).

His primary research focus is on integration of Artificial



PhD computer  
Science  
M.Sc Information  
Systems

Intelligence techniques in elearning in order to create new pedagogies that can support individualised e-learning. His current research examines improving online collaborative learning using machine learning techniques.

He also has a passion for community work. He currently serves as Parish Council member in ACK St. Martin's Parish Kahawa Wendani and also chairs the academic committee in the same parish.