



Affiliation: Jomo Kenyatta University of Agriculture and Technology (Department of Computing)

Specialization: Computer Science & ICT

Research Interest: Data science & Artificial intelligence

Goal: Pursuit and application of useable computing research with local or societal relevance

Current Research Interests:

PhD Research (Ongoing): State space search using ontology modeling:

This work employs ontology approach to modeling of domain knowledge to avail clusters of information organized through a knowledge structure and in-depth resources within the domain in context.

The research focuses on Irish potato production for the domain of knowledge or case study.

Research in Open & distance learning front

Research works geared towards realization of open and distance learning as supported by ICTs and other media platforms. Key areas of focus have been:

- Research foundations for Open and Distance Learning Practitioners
- Collaborative systems application for eLearning environments
- Digitization of learning content
- Pedagogical issues in open and distance learning(ODL),
- Assessment and measurement of learning in ODL contexts

Joan Njeri Gichuru

Email: joangichuru@jkuat.ac.ke