

DEPARTMENT OF COMPUTING AND INFORMATICS



Name of Faculty/Staff: Vincent Idah Majanga

Designation/Rank: Assistant Lecturer

Laikipia University: School of Science and Technology

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Educational Background:

- PhD (Computer Science), University of Kwazulu-Natal, South Africa (Ongoing)
Research Topic: Automatic Dental Caries Detection (Deep Learning).
- Master of Science in Computer Science, University of Nairobi, Kenya (2014)
- Bachelors of Science in Computer Science, Kabarak University, Kenya (2011)

Brief Auto-biography of the Faculty/Staff

An Assistant lecturer of Computer Science, research scholar with varied skills in Simulation and Modeling, Computer Forensics and Criminalistics, Computer Networking and Support, Computer Aided Diagnostics, Artificial Intelligence with a keen interest in Deep Learning

Selected Publications

- **Idah Vincent, Karume S.M (2015).** Simulation Model for Public Transport Vehicles for Towns: Case of Nakuru Town, Kenya.
- **Idah Vincent, Ogake Lorna (2016).** Anticipated Impacts of Virtual Brain Adoption on Humanity.

Awaiting Publications

- **Idah Vincent, Prof. Viriri S (2020).** A deep learning approach for automatic segmentation of dental images.
- **Idah Vincent, Prof. Viriri S (2020).** A survey of Dental Caries Segmentation and Detection Techniques.
- **Idah Vincent, Prof. Viriri S (2020).** Dropout Regularization Technique for automatic segmented dental images.
- **Idah Vincent, Prof. Viriri S (2020).** Automatic Blob Detection for Dental Caries.

Research Interest

- Deep learning for Computer Aided Diagnostics.