


Academic Staff Profile

Personal Profile

Personal Details

<p>Name: Emma Cheserem Department: Computing and IT Designation/Position: Tutorial Fellow Email: cheserem.emma@ku.ac.ke Contact Address: P.O. Box 43844-00100, Nairobi, Kenya Area of Specialization: - Machine learning - E-learning - E-assessment Research Interests: - Use of AI to generate standard exams - Use of machine learning for e-assessment</p>	
--	--

Academic & Professional Qualifications

- 2019 to date: Ongoing PhD in Computer Science, Kenyatta University
- 2003-2004: MSc. Management Information Systems, University of Manchester
- 1995-1998: BSc. Computer Science, University of Manchester
- 1994: Strathmore University, I.D.P.M Diploma

Employment History

- 2015 to date: Tutorial Fellow, Computing and Information Technology Department, Kenyatta University
- 2013 - 2014: Tutorial Fellow, Computer Science and Information Technology Department, Technical University of Mombasa (TUM)
- 2012 - 2013: Part-time lecturer, Kenyatta University (Mombasa Campus)
Part-time lecturer, JKUAT (Mombasa Campus)
Part-time lecturer, KEMU (Mombasa Campus)
- 2005-2010: ICT Assistant Manager, Sian Roses, Nairobi
- 2000-2003: ICT Administrator, Pride Management Services Limited, East and Central Africa

Achievements

- Member of the Local Organising Committee for the successful KSEEE-JSAEM Conference 2014 at the Technical University of Mombasa

Publications

Conference Papers

- LMS-based e-testing with automated certification for Cooperative training presented at the 3rd Co-operative University of Kenya Annual Conference, 26th March 2019

Research

- Ongoing PhD research into the use of Artificial Intelligence to create standard examinations for e-learning

Funded Projects

- National Research Funded PhD student research on the use of AI to enhance e-learning; PI Dr. Elizaphan Maina

Conferenced/Workshops/Seminars Attended

Conferences Attended

- IST Africa 2019 in Nairobi Kenya
- KSEEE - JSAEM 2014 conference at the Technical University of Mombasa

Workshops Attended

- October 2018 - Designing Effective Power Point Presentation and Preparing Scientific Posters Workshops, October 2018 at KU BSSC
- November 2017 - Commercialization of Research Workshop held at the KUCC
- August 2017 – Train the Trainer (TTT) Training on Applied Entrepreneurship at the KU Business Incubation and Innovation Centre (BIIC)
- February 2017 - Workshop on Science Gateways and Open Data at the KUCC

Other administrative positions Held

- Member of CIT department ISO Quality Management Team
- Disability staff representative in the CIT department