

Table of Contents

International Journal of Information and Communication Technology Education

Volume 16 • Issue 4 • October-December-2020 • ISSN: 1550-1876 • eISSN: 1550-1337

RESEARCH ARTICLES

- 1 **Using Learner Group Profiles for Content Recommendation in Ubiquitous Environments**
Luis Gustavo Ferreira, University of Vale do Rio dos Sinos, Brazil
Jorge Luis Victória Barbosa, University of Vale do Rio dos Sinos, Brazil
João Carlos Gluz, IFRS - Federal Institute of Education, Brazil
Vitor Kehl Matter, University of Vale do Rio dos Sinos, Brazil
Debora Nice Ferrari Barbosa, Feevale University, Brazil

- 20 **The Impact of Compulsory Computer Studies on ICT Literacy at Junior Secondary Schools in Livingstone District**
Leslie Simulwi, University of Zambia, Lusaka, Zambia
Evaristo Musonda, University of Zambia, Lusaka, Zambia

- 35 **Challenges Facing Faculty Members When Using a Learning Management System**
Emad Abu-Shanab, Qatar University, Qatar
Jumana Samara, Qatar University, Qatar
Mohamed Arselene Ayari, Qatar University, Qatar

- 48 **Factors Affecting Woman's Continuance Intention for Mobile Games**
Pinghao Ye, Wuhan Business University, China
Liqiong Liu, Wuhan Business University, China
Linxia Gao, Wuhan Business University, China
Quanjin Mei, Wuhan Business University, China

- 68 **Student Performance Measurement on Psychometric Parameters**
Iti Burman, Amity University, Noida, India
Subhranil Som, Amity University, Noida, India
Syed Akhter Hossain, Daffodil International University, Bangladesh
Mayank Sharma, Amity University, Noida, India

- 86 **Recommendation-Based Meta-Search Engine for Suggesting Relevant Documents Links**
A. Salman Ayaz, BSAR Crescent Institute of Science and Technology, Chennai, India
Jaya A Venkat, BSAR Crescent Institute of Science and Technology, Chennai, India
Zameer Gulzar, BSAR Crescent Institute of Science and Technology, Chennai, India

- 100 **Incorporating Information Communication Technology Skills in Accounting Education**
Mohamad Osmani, Qatar University, Qatar
Nitham Hindi, Qatar University, Qatar
Vishanth Weerakkody, University of Bradford, UK

- 111 **Determinants of the Adoption Academic Electronic Books by University Students in a Developing Country**
Foluke Okocha, Landmark University, Nigeria

- 122 **An E-Portfolio as an Assessment Strategy in an Open Distance Learning Context**
Matlala V. Makokotlela, University of South Africa, Pretoria, South Africa

Copyright

The *International Journal of Information and Communication Technology Education (IJICTE)* (ISSN 1550-1876; eISSN 1550-1337), Copyright © 2021 IGI Global. From the journal's inception, January 1, 2005, to December 31, 2020, all rights, including translation into other languages is reserved by the publisher, unless otherwise stated in the article manuscript. As of January 1, 2021, this journal operates under the gold Open Access model, whereby all content published after this date is distributed under the terms of the Creative Commons Attribution 4.0 International (CC BY 4.0) License (<http://creativecommons.org/licenses/by/4.0/>) where copyright for the work remains solely with the author(s) of the article manuscript. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal of Information and Communication Technology Education* is indexed or listed in the following: ACM Digital Library; Australian Business Deans Council (ABDC); Bacon's Media Directory; Burrelle's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); CSA Illumina; DBLP; DEST Register of Refereed Journals; EBSCOhost's Library/Information Science & Technology Abstracts with FullTEXT; ERIC – Education Resources Information Center; Gale Directory of Publications & Broadcast Media; GetCited; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; Norwegian Social Science Data Services (NSD); PsycINFO®; SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory; Web of Science; Web of Science Emerging Sources Citation Index (ESCI)