Table of Contents

International Journal of Information and Communication Technology Education

Volume 17 • Issue 3 • July-September-2021 • ISSN: 1550-1876 • eISSN: 1550-1337

OPEN ACCESS ARTICLE

- 1 The Application of Andragogy for the Advanced Diploma Program in Education at Saudi Arabia's Taif University Obaidalah H. Aljohani, Taif University, Saudi Arabia Sarah M. Alajlan, Taif University, Saudi Arabia
- 12 Investigating Student Satisfaction With Online Courses: A Case Study of Uttarakhand Open University Jeetendra Pande, Uttarakhand Open University, India Mythili G., Indira Gandhi National Open University, India
- Applying Big Data Analytics in Higher Education: A Systematic Mapping Study

Adel Alkhalil, University of Ha'il, Saudi Arabia Magdy Abd Elrahman Abdallah, University of Ha'il, Saudi Arabia & New Valley University, Saudi Arabia Azizah Alogali, Saudi Standards, Metrology, and Quality Organization, Saudi Arabia Abdulaziz Aljaloud, University of Ha'il, Saudi Arabia

52 Measuring Teacher Creativity-Nurturing Behavior and Readiness for 21st Century Classroom Management Jaggil Apak, Universiti Malaysia Sabah, Malaysia

Muhamad Suhaimi Taat, Universiti Malaysia Sabah, Malaysia Norazah Mohd Suki, Universiti Utara Malaysia, Malaysia

68 Self and Peer E-Assessment: A Study on Software Usability

Rosalina Babo, ISCAP, Polytechnic of Porto, Portugal Joana Rocha, ISCAP, Polytechnic of Porto, Portugal Ricardo Fitas, Faculty of Engineering, University of Porto, Portugal Jarkko Suhonen, University of Eastern Finland, Finland Markku Tukiainen, University of Eastern Finland, Finland

86 Effects of E-Learning on Girls' Presence and Empowerment to Access Education

Hessah Al-Shaya, Princess Nourah University, Saudi Arabia Afnan Oyaid, Princess Nourah University, Saudi Arabia

Moroccan English Department Student Attitudes Towards the Use of Distance Education During COVID-19: Moulay Ismail University as a Case

Mohamed Benhima, Sidi Mohamed Ben Abdellah University, Morocco

123 Assessing the Technological Pedagogical Content Knowledge of Pre-Service Science Teachers at a South African University

Umesh Ramnarain, University of Johannesburg, South Africa Annesca Pieters, University of Johannesburg, South Africa Hsin-Kai Wu, University of Johannesburg, South Africa & National Taiwan Normal University, Taiwan

137 Impact of Technologies During the COVID-19 Pandemic for Improving Behavioral Intention to Use E-Learning

Ragad M. Tawafak, Al Buraimi College, Oman Sohail Iqbal Malik, Al Buraimi College, Oman Ghaliya Alfarsi, Al Buraimi College, Oman

151 Parent Attitudes Towards the Integration of Digital Learning Games as an Alternative to Traditional Homework Meital Amzalag, Holon Institute of Technology, Israel

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; UGC-CARE List (India); Ulrich's Periodicals Directory; Web of Science; Web of Science Emerging Sources Citation Index (ESCI)