

Table of Contents

International Journal of Information and Communication Technology Education

Volume 13 • Issue 2 • April-June-2017 • ISSN: 1550-1876 • eISSN: 1550-1337

An official publication of the Information Resources Management Association

RESEARCH ARTICLES

- 1 **Generic E-Assessment Process Development based on Reverse Engineering**
Fahima Hajjej, Laboratory LaTice, Tunis, Tunisia
Yousra Bendaly Hlaoui, Laboratory LaTice, Tunis, Tunisia
Leila Jemni Ben Ayed, Laboratory LaTice, Tunis, Tunisia
- 18 **Institutional Repositories in Universities in Nigeria: Desirability and Progress**
Peter Olorunlake Oye, National Institute for Policy and Strategic Studies, Kuru, Nigeria
David Ajibola Oyeniyi, Federal University Technology Akure, Akure, Nigeria
David Ezekiel Mahan, National Veterinary Research Institute, Akure, Nigeria
- 27 **Construct Reliability and Validity of the Shortened Version of the Information-Seeking Behavior Scale**
Thanita Lerdpornkulrat, Innovative Learning Center, Srinakharinwirot University, Bangkok, Thailand
Chanut Poondej, Innovative Learning Center, Srinakharinwirot University, Bangkok, Thailand
Ravinder Koul, College of Education, The Pennsylvania State University, University Park, PA, USA
- 38 **Cloud Computing as a Catalyst in STEM Education**
Vikas Kumar, School of Business Studies, Sharda University, Greater Noida, India
Deepika Sharma, Jagannath University, Jaipur, India
- 52 **The Effects of Faculty Status, Faculty Gender, Field of Study, and Class Size on the Use of Blogs, Wikis, and Discussion Boards**
Dazhi Yang, Department of Educational Technology, Boise State University, Boise, ID, USA
Caile E. Spear, Department of Community and Environmental Health, Boise State University, Boise, ID, USA
- 65 **An Evaluation Framework for Selecting Collaboration Systems for Student Teamwork**
Yide Shen, Rohrer College of Business, Rowan University, Glassboro, NJ, USA
Lei Li, College of Computing and Software Engineering, Kennesaw State University, Kennesaw, GA, USA
Guangzhi Zheng, College of Computing and Software Engineering, Kennesaw State University, Kennesaw, GA, USA
Rong Guo, Richard College of Business, University of West Georgia, Carrollton, GA, USA
- 82 **Factors Affecting Students' Adoption of ICT Tools in Higher Education Institutions: An Indian Context**
Salini Rosaline, VIT University, Chennai, India
J. Reeves Wesley, VIT University, Chennai, India

BOOK REVIEW

- 95 **Evaluating Teacher Education Programs through Performance-based Assessments**
Hui-Wen Tang, Ming Chuan University, Taipei, Taiwan
Chia-Wen Tsai, Ming Chuan University, Taipei, Taiwan
- 99 **Models for Improving and Optimizing Online and Blended Learning in Higher Education**
Seda Khadimally, University of Phoenix, Phoenix, AZ, USA

Copyright

The **International Journal of Information and Communication Technology Education (IJICTE)** (ISSN 1550-1876; eISSN 1550-1337), Copyright © 2017 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. 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; 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 Emerging Sources Citation Index (ESCI)