# Table of Contents

## Research Articles

1. **Competition-Based Learning: A Model for the Integration of Competitions with Project-Based Learning using Open Source LMS**
   - Ghassan Issa, Petra University, Amman, Jordan
   - Shakir M. Hussain, Petra University, Amman, Jordan
   - Hussein Al-Bahadili, Petra University, Amman, Jordan

2. **Environmental Factors of Distance Learning: An Exploratory Study**
   - Tim Klaus, Texas A&M University – Corpus Christi, Corpus Christi, TX, USA
   - Chuleeporn Changchit, Texas A&M University – Corpus Christi, Corpus Christi, TX, USA

3. **Subject Specialization and Science Teachers’ Perception of Information and Communication Technology for Instruction in Kwara State**
   - Michael Adegbele Tafakogbon, University of Ilorin, Ilorin, Nigeria
   - Rachael Fannmi Adehayo, Landmark University, Omu Aran, Nigeria
   - Mosiforeba Victoria Adegbija, University of Ilorin, Ilorin, Nigeria
   - Ahmed Tajudeen Shittu, Al-Hikmah University, Ilorin, Nigeria
   - Oluyele Solomon Oyелеkan, University of Ilorin, Ilorin, Nigeria

4. **Students’ Use of Technology in Learning Course Material: Is it Cheating?**
   - Michele T. Cole, Robert Morris University, Pittsburgh, PA, USA
   - Louis B. Sward, Robert Morris University, Pittsburgh, PA, USA
   - Daniel J. Shelley, Robert Morris University, Pittsburgh, PA, USA

5. **Integrating E-Learning 2.0 into Online Courses**
   - Steve Chi-Yin Yuen, National Kaohsiung Normal University, Kaohsiung, Taiwan

   - Amarinda Zanela Klein, University of Vale do Rio dos Sinos, São Leopoldo, Brazil
   - Angilberto Freitas, Unigranrio - University of Grande Rio, Rio de Janeiro, Brazil
   - Lisiane Machado, University of Vale do Rio dos Sinos, São Leopoldo, Brazil
   - José Carlos da Silva Freitas Junior, University of Vale do Rio dos Sinos, São Leopoldo, Brazil
   - Paulo Gaspar Gracziolo, Federal University of Paraná, Curitiba, Brazil
   - Eliane Schlemmmer, University of Vale do Rio dos Sinos, São Leopoldo, Brazil

7. **Australian Academic Leaders’ Perceptions of the Teaching–Research–Industry–Learning Nexus in Information and Communications Technology Education**
   - Tanya McGill, School of Engineering and Information Technology, Murdoch University, Murdoch, WA, Australia
   - Jocelyn Armanego, School of Engineering and Information Technology, Murdoch University, Murdoch, WA, Australia
   - Tony Kopp, Faculty of Informatics, University of Wollongong, Wollongong, NSW, Australia

8. **Do Open Educational Resources and Cloud Classroom Really Improve Students’ Learning?**
   - Chun-Wen Tsai, Ming Chuan University, Taipei, Taiwan
   - Pei-Di Shen, Ming Chuan University, Taipei, Taiwan

   - Enovwor Laura Ogbah, Delta State University Library, Abraka, Nigeria

---

**Copyright**
The *International Journal of Information and Communication Technology Education* (IJICTE) (ISSN 1550-1876; eISSN 1550-1337), Copyright © 2014 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.