

International Journal of Information and Education Technology

CONTENTS

Volume 3, Number 1, February 2013

- A Review of Routing Protocols for Mobile Ad-Hoc NETWORKS (MANET).....1
Alex Hinds, Michael Ngulube, Shaoying Zhu, and Hussain Al-Aqrabi
- Use of Web 2.0 Tools for Teaching Physics in Secondary Education.....6
John D. Garofalakis, Eirini V. Lagiou, and Athanasios P. Plessas
- A Model Driven Methodology Approach for E-Learning Platform Development.....10
Rachid Dehbi, Mohamed Talea, and Abderahim Tragha
- Towards, Building and Implementing a Digital Healthcare System.....16
Khalid Aldrawiesh
- The Architecture and Development of Multi-Role Course Design of a Web-Based Group Training System.....21
Xi Guo, Seng Chong, Sue Dyson, and Lorenzo Picinali
- A Tool for Creating Exams Automatically from an Object-Oriented Knowledge Base Question Bank.....27
Khaled N. Elsayed
- The Influence of Information Technology on Telework: The Experiences of Teleworkers and Their
Non-Teleworking Colleagues in a French Public Administration.....32
Robert A. Lewis
- Examining the Perceived Impact of ICT Adoption on Academic Workload and on Academic Productivity.....36
Sujit K. Basak and Seraphin D. Eyono Obono
- Actualizing Moodle Interactive Tools Usage within Distance Learning: Need for Multilevel Approach.....44
Jekaterina Bierne
- Developing an Interactive Practice Tool in PeerSpace for First Year Computer Science Students.....48
Cen Li, Zhijiang Dong, Roland H. Untch, and Divya Jagadeesh
- Factors Affecting Students' Acceptance of e-Learning Environments in Developing Countries: A Structural
Equation Modeling Approach.....54
Ali Tarhini, Kate Hone, and Xiaohui Liu
- Recognizing Physical Activities Using Wii Remote.....60
Ali Mahmood Khan
- Attitudes of Hotel Managers Towards EC in South Africa.....63
Nomsa Mndzebele
- Upper Body Pose Recognition with Labeled Depth Body Parts via Random Forests and Support Vector
Machines.....67

Myeong-Jun Lim, Jin-Ho Cho, Hee-Sok Han, and Tae-Seong Kim

Engaging Computer Science Students through Gamification in an Online Social Network Based Collaborative Learning Environment.....	72
<i>Cen Li, Zhijiang Dong, Roland H. Untch, and Michael Chasteen</i>	
Fostering Students' Personal Development through Designing a Personal Tutorship Programme in e-Learning Environments.....	78
<i>Morteza Rezaei-Zadeh, Brendan Cleary, John O'Reilly, Eamonn Murphy, Michael Hogan, and Mahboubeh Arefi</i>	
Computer Science Students and Their Sense of Academic Integrity.....	83
<i>Gregory S. Ching</i>	
A Novel Framework for Math Word Problem Solving.....	88
<i>Kyle Morton and Yanzhen Qu</i>	
Using Cognitive Load Measurement and Spatial Ability Test to Identify Talented Students in Three-Dimensional Computer Graphics Programming.....	94
<i>Farshid Anvari, Hien Minh Thi Tran, and Manolya Kavakli</i>	
FanOnTour: A Novel Approach to Travel Advisor Systems.....	100
<i>Amir Maddah and Manolya Kavakli</i>	
On the Perceived Usefulness of the Localization of Compilers in African Indigenous Languages.....	105
<i>Momed A. A. Neves and Seraphin D. EyonoObono</i>	
The Use of Smartschool as an Electronic Platform for Blended Language Learning.....	110
<i>Gert Hurkmans and Linda Goos</i>	
Ethnographic Research Based Education Model Development.....	113
<i>Kushal Abhyankar and Subhashini Ganapathy</i>	
Internet Access and Use among Young People in Botswana.....	117
<i>Tshepo Batane</i>	