

International Journal of Information and Education Technology

CONTENTS

Volume 2, Number 2, April 2012

Modeling and Verification of Deadlock Potentials of a Concurrency Control Mechanism in Distributed Databases Using Hierarchical Colored Petri Net.....	77
<i>Saeid Pashazadeh</i>	
Agile Development and Testing by Analyzing Extreme Programming Variances.....	83
<i>Anam Mustaqeem, Jahanzeb Yasin, Ali Javed, and Muhammad Nadeem Majeed</i>	
Combining Kalman Filter with Mixture Color Model Tracking of Pallet Image.....	88
<i>Ssu-Wei Chen, Luke K. Wang, Jen-Hong Lan, and Jia-Lin Tu</i>	
How to Model a Secure Information System (IS): A Case Study.....	94
<i>Youseef Alotaibi and Fei Liu</i>	
Cooperative Data Deployment Scheme for Better Context Inference in Wide Area Surveillance Environment.....	103
<i>Soomi Yang and Pil Seong Park</i>	
Sociological Study of the Role of Information Technology in Creating Social Networks.....	108
<i>Faranak Seyyedi</i>	
An Agent Coordination Perspective on Software Ontologies with Knowledge Grid.....	111
<i>Praveen Desai, Dinesh Acharya, and Ashalatha Nayak</i>	
Lifetime Comparison on Location Base Routing in Wireless Sensor Networks.....	117
<i>Hadi Asharioun, Hassan Asadollahi, Abdul Samad Ismail, and Sureswaran Ramadass</i>	
An Improved Concurrent Multi-Threaded Wavelet Transform Based Image Compression and Transmission Over Internet.....	122
<i>Kamrul Hasan Talukder and Koichi Harada</i>	
Automated Bidding in English Auctions Using Cognitive Agents in Mobile e-Commerce.....	128
<i>Nandini Sidnal and S. S. Manvi</i>	
An Analysis of Factors Affecting the Use of Computer Technology in English Language Teaching and Learning.....	135
<i>Abbas Pourhosein Gilakjani</i>	
Explore and Exploit Security Flaws in Web Applications for Implementing Efficient Security Provision Techniques.....	143
<i>Kanwal Yousaf, Arta Iftikhar , and Ali Javed, Ali Tahir</i>	
Classification of Functions in Smart Home.....	149
<i>P. Hamernik, P. Tanuska, and D. Mudroncik</i>	

Rule Based Classification of Tamil Poems.....	156
<i>K. V. Madhavan, S. Nagarajan, and Rajeswari Sridhar</i>	
A Framework to Incorporate Quality Aspects for e-Learning System in a Consortium Environment.....	159
<i>Wasefer Zaman, Partha Ghosh, Kalyankumar Datta, and Pramatha Nath Basu</i>	
Context Based Dynamic Web Services Composition Approaches: a Comparative Study.....	164
<i>Yashpalsinh Jadeja, Kirit Modi, and Ankur Goswami</i>	
A Cyber Era Approach for Building Awareness in Cyber Security for Educational System in India.....	167
<i>Priti Saxena, Bina Kotiyal, and R. H. Goudar</i>	
Evaluation of English and Information Technology Skills of New Entrants to Sri Lankan Universities.....	171
<i>G. N. Wikramanayake, Damitha D. Karunartna, and Dilkushi S. Wettewe</i>	
VoIP DSP Functionality in Software on Linux Based Power Pc Platform.....	175
<i>Hemant Agrawal</i>	
Service Integration towards Security Orchestration.....	179
<i>Aradhana Goutam, Raj Kamal, and Maya Ingle</i>	
Comparison and Analysis of GPGPU and Parallel Computing on Multi-Core CPU.....	185
<i>Hong Zhang, Da-Fang Zhang, and Xia-An Bi</i>	