

INDEX

2015 International Conference on Future Computational Technologies (ICFCT'2015) March 29-30, 2015 Singapore

Paper ID	Title of the Paper and Authors	Page No.
U0315203	<i>FPGA Implementation of New Generation Cryptographic Algorithm</i> N. Bharathiraja, P. Karthigaikumar, and Sreejitha Sasikumar	1
U0315204	<i>Adoption of Health Information Systems in Sri Lanka</i> Tharaniga Jeyakodi	8
U0315206	<i>Improvement of Reachability and Promptness of an Augmentation-Signal-Based Early Warning System Using Multiple Satellites of the QZSS Constellation</i> Daisuke Iwaizumi, Shota Iino, and Naohiko Kohtake	15
U0315210	<i>Assessing University Students' Attitude toward Green Computing Practices</i> Bello Abdullahi Birchi	27
U0315212	<i>Analysis and Study of Vulnerability Scanning Result for Projects within Organization</i> Nor Izyani Daud, and Khairul Azmi Abu Bakar	34
U0315216	<i>Role of Functional Clones in Software Development</i> Kavitha Esther Rajakumari, and Dr.S.Srinivasan	41
U0315217	<i>Real-Time Data Acquisition Using LabVIEW for Shell and Tube Heat Exchanger</i> Rajarshi Paul, Dr. Shreesha.C, and Sumit Shinde	48
U0315218	<i>RTAP: Towards a Real-Time Auditory Periphery Simulation</i> Ram Kuber Singh	54
U0315219	<i>A Hybrid Approach for Data Clustering using Expectation-Maximization and Parameter Adaptive Harmony Search Algorithm</i> Vijay Kumar, Jitender Kumar Chhabra, and Dinesh Kumar	61
U0315220	<i>Implementation and Performance Evaluation of Speaker Adaptive Continuous Hindi ASR using Tri-phone based Acoustic Modelling</i> Mohit Dua, Ankit Kumar, and Tripti Chaudhary	68
U0315222	<i>A Fuzzy Logic based Joint Intra-cluster and Inter-cluster Multi-hop Data Dissemination Approach in Large Scale WSNs</i> Virender Ranga, Mayank Dave, and Anil Kumar Verma	74
U0315223	<i>Encryption Based Medical Image Watermarking against Signal Processing Attacks</i> Abhilasha Sharma, Mayank Dave, Amit Kumar Singh, and S P Ghrera	82
U0315224	<i>The Effect of VoIP Payload Size on Upload Delay Values in Wireless Broadband (WiBro) Networks</i> Viktor Rébay	89
U0315227	<i>Dynamic Modeling of Rotary Double Inverted Pendulum Using Classical Mechanics</i> Bipin Krishna, Deepak Chandran, Dr. V. I George, and Dr. I. Thirunavukkarasu	96
U0315228	<i>Design Analysis and Sensitivity Enhancement of Piezoresistive Micro Pressure Sensors</i> Dr. S.Meenatchisundaram, Dr. S.M. Kulkarni, and Dr. Somashekara Bhat	104

U0315233	<i>Piecewise Affine Modeling of a Hybrid 3-Tank System</i> Cyril Joseph, Dr. V. I. George, and Poonam Nayak	111
U0315236	<i>Myanmar Language Speech Recognizer with Hybrid Artificial Neural Network and Hidden Markov Model</i> Thin Thin Nwe, and Theingi Myint	116
U0315239	<i>Volume Rendering Using Hierarchical Spatial Correlation and Occlusion Sorting</i> Arnab Mitra, and Som Bose	123
U0315240	<i>Effective Kidney Segmentation Using Gradient Based Approach in Abdominal CT Images</i> Moe Moe Myint, and Theingi Myint	130
U0315241	<i>Location-Based R-Tree and Grid-Index for Nearest Neighbor Query Processing</i> Myat Hsu Mon, and Myo Min Than	136
U0315242	<i>Enhancement of SAR Algorithm for Analog to Digital Converter</i> Mon Mon Thin, Myo Min Than, and Theingi Myint	143
U0315243	<i>Detection and Recognition of Myanmar Traffic Signs from Video</i> Wint Sandar Win, and Theingi Myint	150
U0315244	<i>Reducing Hardware Requirements and Error for Hybrid Computing System</i> Thu Thu Win, Myo Min Than, and Theingi Myint	157
U0315248	<i>Association Rule Pattern Mining Approaches Network Anomaly Detection</i> Khin Moh Moh Aung, and Nyein Nyein Oo	164
U0315249	<i>Performance Comparison of Attributes Selection for Machine Learning Task</i> Thu Zar Phyu, and Nyein Nyein Oo	171
U0315253	<i>EDAS: Efficient Data Access Scheme of Data Replication for Hadoop Distributed File System (HDFS)</i> Hnin Htet Htet Aung, and Nyein Nyein Oo	177
U0315254	<i>Ensuring Fine-Grained Authorized Access Control for Healthcare Applications on Cloud Provisioned Platform</i> Phyu Hnin Thike, and Nyein Nyein Oo	184
U0315255	<i>3D Point Cloud Transformation Method for Display on V-World</i> KangSan Kim, YangDam Eo, MuWook Pyeon, and Kwang-il Moon	191
U0315258	<i>Sense-based Information Retrieval System by using Jaccard Coefficient Based WSD Algorithm</i> Su Mu Tyar, and Myo Min Than	197
U0315263	<i>Location-Based Recommender System for Mobile Devices on University Campus</i> Htet Htet Hlaing, and Kyi Thar Ko	204
U0315264	<i>Mobile Agent-based Information Retrieval for Shopping Assistant</i> Maw Min, and Nyein Nyein Oo	211
U0315267	<i>The Impact of Future Computational Technologies on Global Alignment of IT Skills Needs</i> Mehdi Asgarkhani	218

U0315268 *Wireless Sensor Networks: Challenges, Issues and Research* **224**
Anjali Potnis, and C S Rajeshwari

U0315259 *Re-engineering Based Feature Model Management for Software Product Line* **229**
Win Pa Pa Tun, and Khin Mar Myo

International Conference on Advances in Chemical, Biological & Environmental Engineering (ACBEE)

UE0315202 *An Embedded System for Detecting Seed Flow in the Delivery Tube of a Seed Drill* **236**
Hifjur Raheman, and Rajeev Kumar

UE0315204 *Cryogenic Grinding of Cassia* **242**
Tridib Kumar Goswami, and Bhupendra M Ghodki

UE0315205 *Highly Efficient Photocatalytic Degradation of NO for Indoor Air Purification by Using Ceramic Foam Air Filters Coated with Mesoporous TiO₂ Thin Films* **250**
Wingkei Ho

International Conference on Urban Planning, Transport and Construction Engineering (ICUPTCE'15)

UC0315301 *The Possibility of Building Compact City through Transit Investment -Lessons from Japanese City* **256**
Lei Feng, and Yuzuru Isoda