International Journal of Computer Theory and Engineering

CONTENTS

Volume 7, Number 3, June 2015

- **Electronic Circuits and Control**

Low Power Circuit Design Techniques: A Survey……..……172
Nikhil Raj, Ashutosh Kumar Singh, and Anil Kumar Gupta

Design of a Non-Overlapping Clock Generator for RFID Transponder EEPROM.…….……..177
Labonnah F. Rahman, Mamun B. I. Reaz, and Mohammad Marufuzzaman

A Pricing Policy to Mitigate Interference Management in Femtocell Network……...…….….181
O. A. Akinlabi, B. S. Paul, M. Joseph, and H. C. Ferreira

Towards Realism in an Intelligent Car's Driving Behavior Using Fuzz Inference System…….....…….187
Nima Fouladinejad, Nariman Fouladinejad, J. Mohd Taib, and M. K. Abd Jalil

- **Artificial Intelligence**

Real-Time Fault Detection in Semiconductor Using One-Class Support Vector Machines...……191
Ali Hajj Hassan, Sophie Lambert-Lacroix, and Francois Pasqualini

The Flocs Target Detection Algorithm Based on the Three Frame Difference and Enhanced Method of the Otsu
…….....…….197
Xin Xie, Huiping Li, and Fengping Hu

Machine Learning: A Means of Diagnosing and Prescribing Treatments for Tuberculosis Patients...……...201
Arman James E. Avenir, Jonas D. Villota, and Maryli F. Rosas

- **Network and Signal Processing**

The Assessment of Developed Mental Stress Elicitation Protocol Based on Heart Rate and EEG Signals…...207
Saidatul A., Paulraj Murugesa Pandiyan, and Sazali Yaacob

Adapting Distance Based Clustering Concept to a Heterogeneous Network……..…….…..214
N. Laloo, M. Z. A. A. Aungnoo, and M. S. Sunhaloo

Watermarked Compressive Sensing Measurements Reconstructed by the Greedy Algorithms…….219
Ali A. H. Karah Bash and Sema K. Kayhan

Trade-off between Accuracy and Longevity in Wireless Sensor Networks……223
N. Laloo, M. S. Sunhaloo, and R. K. Subramanian

- **Technology in Education**

Programming: A Study on Upper Primary Students' Attitude towards Education Digital Games……231
Mohd Lezam Lehat, Rashidah Mokhtar, Nora Mohd Basir, and Yusnita Sokman

Facilitating Students' Learning through M-LMS for Tablet Device.....236

Mas Rina Mustaffa and Evi Indriasari Mansor

Understanding Students Learning Style and their Performance in Computer Programming Course: Evidence from Bruneian Technical Institution of Higher Learning……..…...……..……..241
Afzaal H. Seyal, Yeo Sy Mey, Mardiyah Hj Matusin, Hjh Norzainah Hj Siau, and Armanadurni Abdul Rahman

Significant Failure Factor of Higher Learning Institution Projects……...……..……248
Abdulhameed Rakan Alenezi, Muhammad Salim Javed Gandapur, Arshad Javed, and Moussa Demba

Electronic Circuits and Control