

# INTERNATIONAL JOURNAL OF COMPUTING AND APPLICATIONS

Volume 9

No. 2

December 2014

16  
156

## Contents

Data Mining and Wavelet Tools for VLSI  
Cell Placement

*M. Thiyagarajan & R. Manikandan* 131-135

Optimisation of Significant GA Factors using  
Statistical Tools

*V. N. Rajavarman & S. P. Rajagopalan* 137-142

Randomized Routing Algorithms

*M. Thiyagarajan & V. Arand* 143-148

Development of Secured Cyber Applications:  
Issues, Challenges and Methodologies

*Kumkum Dewan, Antriksh Johri & R. K. Mishra* 149-154

Design of Audio Broad Caster and Listener  
Using Peer to Peer Network

*Chandra Mouli Venkata Srinivas. Akana Orsu, NagaRaju  
Kaikireddy Phani Sirisha  
R. Satya Prasad & S. Balaji* 155-163

Doubly Fed Induction Generator using Neural  
Network Controller for Wind Turbine Applications

*L. Rajaji & C. Kumar* 165-175

Two Phase Encryption Using Artificial Neural  
Network Techniques

*Jyothi Singaraju, Sandhya Rani, K. & Usha Rani, K.* 177-185

MPM method and DYPSA Algorithm Evaluation for  
GCI detection in a noisy speech signal

*Wafa Saidi, Aicha Bouzid & Noureddine Eltouze* 187-200

Amelioration of BEBA in Distributed Mac Protocol  
to Reduce the Waiting Time of a Station in  
WLAN (802.11)

*T. V. Ananthan & R. Nakkeeran* 201-206

Hologram Communication

*T. Radhakrishnan & S. Swaminathan* 207-213

Effect of Thermal Stratification on Convective  
Heat Transfer Past a Vertical Plate Embedded  
in Porous Medium with an Applied Magnetic Field

*M. B. K. Moorthy & K. Senthilvadivu* 215-231