

# INTERNATIONAL JOURNAL OF ADVANCE VLSI DESIGN

Volume 7

No. 1

June 2017

## Contents

Data Mining and Wavelet Tools for VLSI Cell Placement	<i>M. Thiagarajan &amp; R. Manikandan</i>	1-5
Optimisation of Significant GA Factors using Statistical Tools	<i>V. N. Rajavarman &amp; S. P. Rajagopalan</i>	7-12
Randomized Routing Algorithms	<i>M. Thiagarajan &amp; V. Anand</i>	13-18
Development of Secured Cyber Applications: Issues, Challenges and Methodologies	<i>Kumkum Dewan, Antriksh Johri &amp; R. K. Mishra</i>	19-24
Design of Audio Broad Caster and Listener Using Peer to Peer Network	<i>Chandra Mouli Venkata Srinivas. Akana Orsu. NagaRaju Katikireddy Phani Sirisha R. Satya Prasad &amp; S. Balaji</i>	25-33
Doubly Fed Induction Generator using Neural Network Controller for Wind Turbine Applications	<i>L. Rajaji &amp; C. Kumar</i>	35-45
Two Phase Encryption Using Artificial Neural Network Techniques	<i>Jyothi Singaraju, Sandhya Rani, K. &amp; Usha Rani, K.</i>	47-55
MPM method and DYPSA Algorithm Evaluation for GCI detection in a noisy speech signal	<i>Wafa Saïdi, Aïcha Bouzid &amp; Noureddine Ellouze</i>	57-70
Amelioration of BEBA in Distributed Mac Protocol to Reduce the Waiting Time of a Station in WLAN (802.11)	<i>T. V. Ananthan &amp; R. Nakkeeran</i>	71-76
Hologram Communication	<i>T. Radhakrishnan &amp; S. Swaminathan</i>	77-83
Effect of Thermal Stratification on Convective Heat Transfer Past a Vertical Plate Embedded in Porous Medium with an Applied Magnetic Field	<i>M. B. K. Moorthy &amp; K. Senthilvadivu</i>	85-101