

ISSN Print: 2074-9090, ISSN Online: 2074-9104  
Volume 4, Number 5, June 2012

International Journal of

# Computer Network and Information Security

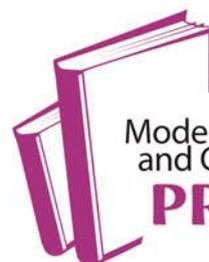
**Vol.4**

No.5 Jun. 2012

**IJCNIS** **Vol.4**

[Http:// www.mecs-press.org](http://www.mecs-press.org)

Vol. 4 No.5 June 2012



Modern Education  
and Computer Science

**PRESS**

## **Contents**

---

### REGULAR PAPERS

A Hierarchical Load Balancing Policy for Grid Computing Environment	1
<i>Said Fathy El-Zoghdy</i>	
Battering Keyloggers and Screen Recording Software by Fabricating Passwords	13
<i>Nairit Adhikary, Rohit Shrivastava, Ashwani Kumar, Sunil Kumar Verma, Monark Bag, Vrijendra Singh</i>	
IEATH: Improved Energy Aware and Two Hop Multipath Routing Protocol in Wireless Sensor Networks	22
<i>S. Saqaeeyan, M. Roshanzadeh</i>	
Evaluating Overheads of Integrated Multilevel Checkpointing Algorithms in Cloud Computing Environment	29
<i>Dilbag Singh, Jaswinder Singh, Amit Chhabra</i>	
Congestion Control in 4G Wireless Networks Using Coalition Game	39
<i>S. V. Saboji, C. B. Akki</i>	
Optimization Design Parameters of Electro-optic Modulators for Low Loss Wide Bandwidth Capability of Optical Communication Systems	46
<i>Ahmed Nabih Zaki Rashed</i>	
A Modified Hill Cipher using Randomized Approach	56
<i>A.VN.Krishna, K.Madhuravani</i>	
An Analytical Assessment on Document Clustering	63
<i>Pushplata, Ram Chatterjee</i>	

---