

ISSN Print: 2074-9090, ISSN Online: 2074-9104  
Volume 5, Number 2, February 2013

International Journal of

# Computer Network and Information Security

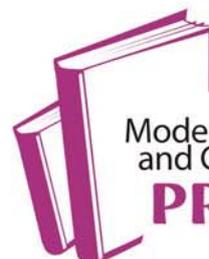
**Vol.5**

No.2 Feb. 2013

**IJCNIS** Vol.5

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

Vol. 5 No.2 February 2013



Modern Education  
and Computer Science

**PRESS**

## International Journal of Computer Network and Information Security (IJCNIS)

ISSN Print: 2074-9090, ISSN Online: 2074-9104

Volume 5, Number 2, February 2013

### Contents

---

#### REGULAR PAPERS

- Blocking of SQL Injection Attacks by Comparing Static and Dynamic Queries 1  
*Jaskanwal Minhas, Raman Kumar*
- FPGA Based A New Low Power and Self-Timed AES 128-bit Encryption Algorithm for Encryption Audio Signal 10  
*Bahram Rashidi, Bahman Rashidi*
- Integrated Safety Mechanisms Based on Security Risks Minimization for the Distributed Computer Systems 21  
*Vadym Mukhin, Artem Volokyta*
- Selection of Next Generation Anti-Virus against Virus Attacks in Networks Using AHP 29  
*Sounak Paul, Bimal Kumar Mishra*
- Digital Image Scrambling Based on Two Dimensional Cellular Automata 36  
*Fasel Qadir, M. A. Peer, K. A. Khan*
- A Practical Privacy Preserving E-Voting Scheme with Smart Card Using Blind Signature 42  
*V.K. Narendira Kumar, B. Srinivasan*
- Study the One-bit Hard Combination Scheme on Cognitive Radio Users 51  
*Md. Shamim Hossain, Mohammad Mamunur Rashid, Md. Nazrul Islam, Md. Abdullah-Al-Mashud, Md. Nurul Islam*
- Rigorous Progress on Algorithms Based Routing and Wavelength Assignment in Trans-Egypt Network (TEGYNET) Management 58  
*Abd El-Naser A. Mohammed, Ahmed Nabih Zaki Rashed, Osama S. Fragallah, Mohamed G. El-Abyad*
-