	Journal of Networking	Technology	Volume	5	Number	1	March	2014
--	------------------------------	-------------------	--------	---	--------	---	-------	------

Contents	
Editorial	i
Research	
A Novel Approach in the Evaluation of Broadcasting Application Over Vanets- G. Mary Valantina, S. Jayashri	1
A TLV Structure Semantic Constraints based Method for Reverse Engineering Protocol Packet Formats- Lian He, Qiao-yan Wen, Zhao Zhang	9
Design of a Wireless Patient Monitoring System- Saad Zafar, Numair Zulfiqar	16
Lightweight Architecture for Mobile Web Content Access over Enterprise Cloud Mashup- Shawkat K. Guirguis, Adel A. El-Zoghabi, Mohamed A. Hassan	23
Book Review	36
Conference Notification	37
 Ninth International Conference on Digital Information Management (ICDIM 2014) 	
 Fourth International Conference on Innovative Computing Technology (INTECH 2014) 	
 First International Conference on Future Generation Information and Communication Technology (FGICT 2014) 	

• Third International Conference on Future Generation Communicationn Technologies (FCGT 2014)

Editorial

With this first issue we begin the publication of the fifth volume of the *Journal of Networking Technology*. (JNT). This issue has some worth research papers.

In the first paper on "A Novel Approach in the Evaluation of Broadcasting Application Over Vanets" the authors *Mary Valantina* and *Jayashri* analyzed the communication routing protocols for broadcasting mechanisms in the broadcast storm problem. They discussed the novel mechanism which includes mesh routers in the network reduces the broadcast storm problem and increasing the dissemination ratio.

Lian He, Qiao-yan Wen and Zhao Zhang in their paper on "A TLV Structure Semantic Constraints based Method for Reverse Engineering Protocol Packet Formats" to infer the unknown protocol packet formats automatically proposed a system with the purpose to promote the accuracy of network fuzz test. For testing, they applied their method on the Get-Request packets of SNMP with the extraction of 90% of the TLV structures.

Saad Zafar and Numair Zulfiqar have suggested a working model for the transmission of data from the sensors of the Pulse Oximeters to the user through GSM to the doctors. In the paper on "Design of a Wireless Patient Monitoring System" they constructed the printed circuit board, constituting of microcontroller PIC16F877 as hardware. Using wireless communication of GSM the doctors get more accurate and high precision results the authors claim in their paper.

Shawkat K. Guirguis, Adel A. El-Zoghabi and Mohamed A. Hassan in their paper on "Lightweight Architecture for Mobile Web Content Access over Enterprise Cloud Mashup" have proposed a lightweight architecture for mobile web content access over enterprise cloud mashup (LAMWEC) to move the world into faster web content implementation. They realized that the fancy mobile mashup cloud computing or hybrid mobile web cloud content can able to provide with faster access technique.

The research published in this issue mark novelty and technical features.

Editors