

Special Issue on Emerging Technologies in Internet Security and Networks

Guest Editorial

Computer systems have been the core of information technology to provide signal processing and storage capabilities and form the basis for the Internet connectivity. Computer systems act as the fundamental core hardware for implementation of the physical layer of today's worldwide information super highways. Networking technologies provide end-users with the facilities for network connection, data access, and communications through wired and wireless IP-based networks. On the other hand, communication technologies provide means for signal transmission and reception via efficient multiple access capability through various media, including copper wires, optical fibers, radio frequency (RF) and other approaches (such as infrared, laser, etc.). Integration of computer systems, networks, and communications is an important trend for future information technologies (ITs).

With the advances in the communication and internet technologies the Information security, data integrity and safe exchange of data and Information are most important and contemporary issues in the today's world. With a mission to report emerging a state-of-the-art research in Technologies in Network security and Computer Networks, the most important areas of information technology, a special issue of JEWTI has been dedicated. The research contributions have been collected through the National Conference –Cum- Workshop on Information Security and Network (ISAN). The mission of ISAN was to promote research, development and new inventions of Information Security and Networks including mobile and wireless technologies DCAS, intrusion detection etc.

This Issue of the Journal is designed for researchers, developers, practitioners, policy-makers, professional trainers, educators, and other specialists.

Guest Editors:

Dr. Himanshu Aggarwal, Punjabi University, India.

Dr. Vishal Goyal, Punjabi University, India.



Himanshu Aggarwal, Ph.D., is Reader in Computer Engineering at Punjabi University, Patiala. He has more than 15 years of teaching experience and served academic institutions such as Thapar Institute of Engineering & Technology, Patiala, Guru Nanak Dev Engineering College, Ludhiana and Technical Teacher's Training Institute, Chandigarh. He is an active researcher who has supervised many M.Tech. Dissertations and contributed 40 articles in various Research Journals and Conferences. He is on the editorial Board of several journals of repute. His areas of interest are Information Systems, ERP and Parallel Computing. Himanshu Aggarwal can be contacted at: himagrawal@rediffmail.com.



Vishal Goyal, MCA, M.Tech., is senior lecturer at Department of Computer Science, Punjabi University Patiala, Punjab, India. He has more than 10 years of teaching, research and software industry experience. He has about 50 publications in various journals and conferences of national and international repute. He is member of editorial board of various journals of computer science of national and international repute. He is Technical team member of E&R Department of Infosys Technologies. DST has funded him research project worth Rs 28Lakhs for development of Punjabi Grammar checker. He is very active researcher in the field of Natural Language Processing. He has guided approx. 25 M.tech. students and 15 M.Phil Students for their research work. He has been honored with Young Scientist award by Punjab Academy of Sciences in 2005. He is being regularly invited by colleges and universities for his expert talks. He can be reached at vishal.pup@gmail.com or <http://www.punjabiversity.ac.in>.