Conference Venue: Design Center, MNIT (200 meters from MNIT main gate)

Thursday, October 25, 2012				
8:00 AM Onwards	Registration			
8:30-9:00 AM	Inauguration			
9:00-9:45 AM	Invited Talk 1	T. A. Gonsalves, IIT Mandi, India	Innovation for a Better India	
9:45 – 10:15 AM	Coffee Break			
10:15-11:00 AM	Invited Talk-2	RK Shyamasundar, TIFR, India	Security and Privacy in Smart Grids: An Overview	
11:00-12:15 PM	**Session – 1**	**Access Control** Session Chair: Naveen Chaudhary, MPUAT Udaipur, India	**Paper 2**: Christophe Feltus, Eric Dubois, Erik Proper, Iver Band, Michaël Petit: *Enhancing the ArchiMate® Standard with a Responsibility Modeling Language for Access Rights Management* **Paper 113**: Dmitry Chernyavskiy, Natalia Miloslavskaya: *A Concept of Unification of Network Security Policies* **Paper 149**: Soumya Maity, Soumya K Ghosh: *Enforcement of Access Control Policy for Mobile Ad Hoc Networks*.	**Network Defense** Session Chair: Valeriy Osipyan, Kuban State University, Russia	**Paper 159**: A M Chandrashekhar, Raghuveer K: *Fusion of Multiple Data Mining Techniques for Effective Network Intrusion Detection - A Contemporary approach*. **Paper 195**: KV Arya, Hemant Kumar: *A Clustering based Algorithm for Network Intrusion Detection*. **Paper 197**: Hiroshi Tsunoda, Glenn Mansfield Keeni: *Security by Simple Network Traffic Monitoring*.
12:00-12:45 PM	Invited Talk-3	Debabrata Nayak, Huawei, India	Security Issues and Its Implication in Cloud Computing	
12:45-13:30 PM	Invited Talk-4	Raghu Iyer, Nevis Networks, India	Network Managment and Security Challenges faced by Organizations adopting BYOD	
13:30-14:15 PM	Lunch (MNIT Guest House I)			
14:15-15:30 PM	**Session – 2**	**System Security** Session Chair: Atilla Elçi, Aksaray University, Turkey	**Paper 134**: Priyanka Loya, Alwyn R Pais: *SIRIS - Secure IRIS Authentication System*. **Paper 164**: Kunal Sain, Mradula Sharma, Suneeta Agarwal: *An Authentication Scheme using Pre-formed Visual Cryptographic Shares*. **Paper 188**: Valeriy Osipyan: *Building of alphabetic data protection cryptosystems on the base of equal power knapsacks with Diophantine problems*.	**Mobile Security** Session Chair: RK Shyamasundar, TIFR, Mumbai, India	**Paper 121**: Mendonca Luis, Henrique Santos: Botnets: *A Heuristic-Based Detection Framework*. **Paper 148**: Santosh Biswas, G Bansal, Niteesh Kumar, Sukumar Nandi: *Detection of NDP Based Attacks using Multicast Listener Discovery*. **Paper 153**: Jyoti Grover, Manoj S Gaur, Vijay Laxmi, Rakesh Kumar Tiwari: *Detection of Incorrect Position Information using Speed and Time Span Verification in VANET*.
15:30-16:45 PM	**Session – 3**	**Cryptographic Techniques** Session Chair: Alwyn R Pais, NITK Surathkal, India	**Paper 119**: Ekaterina Maro, Liudmila Babenko, Evgeniya Aishchukova: *Research about Strength of GOST 28147-89 Encryption Algorithm*. **Paper 156**: Isa Herman, Muhammad Reza Z'aba: *Randomness Analysis on LED Block Ciphers*. **Paper 205**: Behnam Rahnama, Atilla Elci, Ibukun Eweoya: *Fine Tuning the Advanced Encryption Standard (AES)*	**Malware Analysis** Session Chair: Raghu Iyer, Nevis Networks, India	**Paper 109**: Anjana Kumar, Kalpa Vishnani, Vinay Kumar: *Split Personality Malware Detection and Defeating in Popular Virtual Machines*. **Paper 180**: Maxim Anikeev, Liudmila Babenko, Ksenia Tsyganok, Evgeny Tumoyan: *Classification of polymorphic and metamorphic malware samples based on their behavior*. **Paper 191**: Faruki Parvez, Manoj S Gaur, Vinod P., Vijay Laxmi: *Mining Control Flow Graph as API Call-grams to Detect Portable Executable Malware*.
16:45-17:00 PM	Coffee Break			
17:00-17:45 PM	Invited Talk-5	V. Kamakoti, IITM, India	Secure Systems Engineering	
17:45-18:30 PM	Invited Talk-6	Rakesh Kharwal, McAfee, India	Building Resilient Cyber Defense	
18:30 Onwards	Reception (MNIT Guest House I)			

Friday, October 26, 2012					
8:00-9:15 AM	**Session-4**	**Miscellaneous Session Chair: Bruhadeshwar Bezawada, IIIT Hyderabad, India**	Paper 138: Prerana Sharma, Devesh Mishra: *Efficient Image Encryption and Decryption Using Discrete Wavelet Transform and Fractional Fourier Transform*. Paper 165: Sajal Bhatia, Desmond Schmidt, George Mohay: *Ensemble-based DDoS Detection and Mitigation Model*.	**Miscellaneous Session Chair: Mark Zwolinski, University of Southampton, UK**	Paper 150*: Apurba Das, Kavitha S.: *Hybridization of DCTune and Psycho-visual Saliency model to improve security and capacity in DCT based image watermarking*. Paper 166: Nilanjan Dey, Achintya Das, Poulami Das, Sheli Sinha Chaudhuri: *Feature Analysis for the Blind–Watermarked Electroencephalogram Signal in Wireless Telemonitoring Using Alattar's Method*.
9:15-10:00 AM	Invited Talk-7	Alex Liu, MSU, USA	High Speed Regular Expression Matching using Small TCAMS		
10:00-10:30 AM	Coffee Break				
10:30-11:15 AM	Invited Talk-8	Vincenzo Piuri, Universita degil Studi di Milano, Italy	Biometrics Privacy: Technology and Applications		
11:15-12:00 PM	Invited Talk-9	Pierangela Samarati, Universita degil Studi di Milano, Italy	Privacy and Data Protection in Cloud Scenarios		
12:00 – 18:30 PM	Social Event				
19:00 PM Onwards	Banquet (Chokhi Dhani, Jaipur)				

		Track-A		Track-B
Saturday, October 27, 2012
9:00-9:45 AM	Invited Talk-10	Anish Mathuria, DAIICT, India		Malicious Insiders in Group Key Exchange Protocols and its Implications in Cloud Computing
9:45-11:00 AM	**Session-5**	**Intrusion detection** Session Chair: Maxim Anikeev, Tagnrog Inst., SFedU, Russia	**Paper 120**: Debojit Boro, Bernard Nongpoh, Dhruba K. Bhattacharyya: *Anomaly Based Intrusion Detection Using Meta Ensemble Classifier*. **Paper 160**: Chirag Modi, Avi Patel, Bhavesh Borisanya, Dhiren Patel, Muttukrishnan Rajarajan: *A Novel Framework for Intrusion Detection in Cloud*. **Paper 176**: Pawan Kumat, Virendra Singh: *Efficient Regular Expression Pattern Matching for Network Intrusion Detection Systems using Modified Word-based Automata*.	**Network Security** Session Chair: Dhiren Patel, SVNIT Surat,India	**Paper 128**: Geong Sen Poh, Kok-Lim Alvin Yau, Mee Hong Ling: *Analysis of a Secure Cooperative Channel Sensing Protocol for Cognitive Radio Networks*. **Paper 142**: Evgeny Abramov, Elena Barannik, Oleg Makarevich: *Methods of automated analysis of vendor specific implementation of stateful-filtration*.
11:00-11:30 AM		Coffee Break
11:30-12:15 PM	Invited Talk-11	Oleg Makarevich, Tagnrog SfedU, Russia		Scientific, Methodological and Infrastructural Support of Lifelong IT-Security Education at SFedU
12:15-13:00 PM	Invited Talk-12	Christian Probst, Technical University Denmark		From Organizational Models to Attacks
13:00-14:00 PM		Lunch (MNIT Guest House I)
14:00-15:15 PM	**Session-6**	**Watermarking** Session Chair: KV Arya, ABVIIITM Gwalior, India	**Paper 157***: Preety Singh, Vijay Laxmi, Manoj S Gaur: *Lip Peripheral Motion for Visual Surveillance*. **Paper 178**: Reena Gunjan, Vijay Laxmi, Manoj S Gaur: *Detection Attack Analysis using Partial Watermark in DCT Domain*. **Paper 186**: Priyanka Singh, Suneeta Agarwal: *A Region Specific Robust Watermarking Scheme Based on Singular Value Decomposition*.	**Systems Vulnerabilities** Session Chair: Virendra Singh, IIT Bombay, India	**Paper 161**: Daria Kavchuk, Eugene Tumoyan: *The Method of Optimizing the Automatic Vulnerability Validation*. **Paper 173**: Ajay Chaudhary, Anjali Sardana, Manoj Misra: *An Efficient Fuzzy Controller Based Technique for Network Traffic Classification to Improve QoS*. **Paper 196**: Smita Naval, Vijay Laxmi, MS Gaur, Vinod P.: *ESCAPE: Entropy Score Analysis of Packed Executable*.
15:15-15:45 PM		Coffee Break
15:45-17:00 PM		**Panel Discussion**