

Thursday, 27th February 2020 (Pre-Conference)		
Time	Event	Venue
8:30am – 9:15am	Registration	CH Foyer
9:15am – 12:30pm (15mins tea break)	Tutorial 1: MITRE ATT&CK™ and Threat Intelligence Prof. Manikantan Srinivasan, IIT Madras, India	CH I
	Tutorial 2: TBA Pentester Academy	CH II
12:30pm – 1:30pm	Lunch Break	CH Foyer
1:30pm – 4:30pm (15mins tea break)	Tutorial 1 continued	CH I
	Tutorial 2 continued	CH II
5:00pm – 6:00pm	Pre-conf talk: Tradeoff between Disclosable and Private Latent Information Revealed via Compressed One: an ADMM-Based Approach, Prof. Shuangqing Wei, Louisiana State University, USA	CH I
Friday, 28th February 2020		
9:00am – 9:30am	Registration	CH Foyer
9:30am – 11:00am	Inauguration and High Tea	CH I
11:00am –12:40pm	Paper Session – T1 (4 papers)	CH II
	Paper Session – T2 (4 papers)	CH III
12:40 pm –2:00 pm	Lunch Break	CH Foyer
2:00 pm – 3:00 pm	Keynote I: A New Quality-Time-As-An-Advantage Paradigm for Zero-Pre-Configuration Pairing Schemes for IoT Devices/ Networks, Prof. Guan Yong, Iowa State University, USA	CH I
3:00 pm – 4:40 pm	Paper Session – T3 (4 papers)	CH II
	Paper Session – T4 (4 papers)	CH III
4:40 pm – 5:00pm	Tea break	CH Foyer
5:30 am – 6:30 pm	Talk by Defence Personnel Experts	CH I
7:00 pm – 8:00 pm	Cultural program	BHA
8:15 pm onwards	Banquet and Announcement of Best Papers	CH Foyer
Saturday, 29th February 2020		
9:00 am – 9:30am	Registration	CH Foyer
9:30 am –10:30 am	Keynote II: Securing Hardware for Designing Trustworthy Systems, Prof. Prabhat Mishra, University of Florida, USA	CH I
10:30am –11:00am	Tea break	CH Foyer
11:00am– 12:40pm	Paper Session – T5 (4 papers)	CH II
12:40 pm –2:00 pm	Lunch Break	CH Foyer
2:00 pm – 2:45 pm	Invited Talk: Mastering the Social Networks, Prof. Rami Puzis, Ben-Gurion University, Israel	CH I
2:45 pm – 4:25 pm	Paper Session – T6 (4 papers)	CH II
	ISEA Appraisal Workshop	CH I
4:25 pm – 4:45 pm	Tea break	CH Foyer
4:45 pm – 7:00 pm	Industry Talk and Discussion (NXP, Qualcomm, Microsoft)	CH I
7:30 pm onwards	Banquet	CH Foyer
Sunday, 1st March 2020		
9:00am – 11:00am	PHD Thesis (6 thesis)	CH II
11:00am– 11:45am	Poster Demonstration and Tea Break	
11:45am –12:45pm	Keynote III: TBA Prof. Rajeev Barua, University of Maryland , USA	CH I
1:00pm – 1:30pm	Award presentation/Valedictory function	CH I
1:30pm onwards	Lunch Break	CH Foyer

CH: Conference Hall; **BHA:** Dr. Bhupen Hazarika Auditorium; **GH:** Old Guest House

Friday, 28th February 2020

T1: Session Chair - TBA (11:00am –12:40pm)	
T1-1	Security Notions for the VeraGreg Framework and Their Reductions [Paper id: 6] Jakub Klemsa and Ivana Trummova, Czech Technical University
T1-2	Singleton Flow Traceback (SFT) Mechanism (DDoS) [Paper id: 58] Ram Charan Baishya and Dhruva Bhattacharyya, Tezpur University
T1-3	A secured land registration framework on Blockchain [Paper id: 54] Meghali Nandi, Rajat Kanti Bhattacharjee, Amrit Jha and Ferdous Ahmed Barbhuiya, Indian Institute of Information Technology Guwahati
T1-4	Detection of DDoS Attack and Classification Using a Hybrid Approach [Paper id: 15] Suman Nandi, Santanu Phadikar and Koushik Majumder, Maulana Abul Kalam Azad University of Technology
T2: Session Chair - TBA (11:00am –12:40pm)	
T2-1	Implementation of AES Using Composite Field Arithmetic for IoT Applications [Paper id: 47] Thockchom Birjit Singha, Roy Paily Palathinkal and Shaik Rafi Ahamed, Indian Institute of Technology Guwahati
T2-2	On The DSA Key Recovery Attack with Variable Partial Nonces Known [Paper id: 45] Jiji Angel and Virendra Singh, Indian Institute of Technology Bombay
T2-3	Investigating Elliptic Curve Cryptography for Securing Smart Grid Environments [Paper id: 2] Deepak K and Chandrasekaran K., National Institute of Technology Karnataka
T2-4	Secure transmission of Hyperspectral Images [Paper id: 34] Oruganti Sai Srujana, Nikhil Mhala and Alwyn Pais, National Institute of Technology Karnataka
T3: Session Chair - TBA (3:00 pm – 4:40 pm)	
T3-1	Graph Convolutional Nets for Android Malware Detection with System Call Graphs [Paper id: 70] Teenu John, Tony Thomas (Indian Institute of Information Technology and Management Kerala) and Sabu Emmanuel (Indian Institute of Technology Palakkad)
T3-2	An Approach to Identify Vulnerable Features of Instant Messenger [Paper id: 27] Vineeta Jain (NIT Jaipur), Divya Rishi Sahu (SATI Vidisha) and Deepak Singh Tomar (MANIT Bhopal)
T3-3	XSSD: A Cross-site Scripting Attack Dataset and its Evaluation [Paper id: 7] Upasana Sarmah, Dhruva Kumar Bhattacharyya (Tezpur University) and Jugal Kalita (University of Colorado, Colorado Springs)
T3-4	A Traffic Monitoring and Policy Enforcement Framework for HTTP [Paper id: 31] Navarikuth Muraleedharan, Anna Thomas , S Indu and B S Bindhumadhava, CDAC
T4: Session Chair - TBA (3:00 pm – 4:40 pm)	
T4-1	Parallel Itoh-Tsujii inversion Algorithm for FPGA Platforms [Paper id: 12] Kalaiarasi M, Venkatasubramani Vr and Rajaram Sivasubramanian, Thiagarajar College of Engineering
T4-2	Beat Frequency Detection on Boolean Chaotic Oscillator for True Random Number Generation on FPGA [Paper id: 13] Sivaraman R, Hemanth Kumar Nalajala, Amirtharajan Rengarajan and Sundararaman Rajagopalan, SASTRA Deemed University
T4-3	Implementation of Minimally Shared Blockchains using Big Data Applications [Paper id: 16], Kausthav Pratim Kalita, Debojit Boro and Dhruva Kumar Bhattacharyya, , Tezpur University
T4-4	An Approach Towards Resisting Side-Channel Attacks for Secured Testing of Advanced Encryption Algorithm (AES) Cryptochip [Paper id: 68] Nandit Kaushik and Kusum Lata, The LNM Institute of Information Technology

Saturday, 29th February 2020

T5: Session Chair - TBA (11:00am –12:40pm)	
T5-1	Provisioning Privacy and Accountability in Participatory Sensing [Paper id: 35] Tejendrakumar Thakur and Ningrinla Marchang, North Eastern Regional Institute of Science and Technology
T5-2	2SPUF: Machine Learning Attack Resistant SRAM PUF [Paper id: 66] Vikash Kumar Rai, Somanath Tripathy and Jimson Mathew, Indian Institute of Technology Patna
T5-3	Inter-Planetary File System Enabled Blockchain Solution For Securing Healthcare Records [Paper id: 71] Raghavendra K M and Kiran Manjappa, National Institute of Technology Karnataka
T5-4	Enhancing Privacy in a Blockchain-based Public Key Infrastructure [Paper id: 33] Amalan Joseph Antony A and Kunwar Singh, National Institute of Technology Tiruchirappalli
T6: Session Chair - TBA (3:00 pm – 4:40 pm)	
T6-1	A LDPC codes based Authentication Scheme [Paper id: 25] Apurva Kittur, Swapnil Kauthale and Alwyn Pais. National Institute of Technology Karnataka
T6-2	Security Testbed for Next Generation Mobile Networks [Paper id: 52] Ashok Kumar, Ranjani Parthasarathi and Vetriselvi V. College of Engineering, Guindy, Anna University
T6-3	DeDOP: Deduplication with cross-server Ownership over encrypted data [Paper id: 14] Hardik Gajera and Manik Lal Das, DA-IICT, Gandhinagar
T6-4	Enhanced Anonymity: Customized for Roaming and Non-Roaming IoT-Devices in 5G Mobile Network [Paper id: 22] Hiten Choudhury, Cotton University