Workshop on Cyber Security for Critical Infrastructure

27th and 28th September 2019

Program Schedule

Time	Topic	Resource Person
DAY 1 (27-09-2019)		
9:00 – 9:30	Registration	
9:30 – 11:00	Inauguration	
	Welcome Address	Dr.N.Sarat Chandra Babu ED, SETS
	Workshop's Perspective	Shri Bindhumadhava, Senior Director & Centre Head, C-DAC, Bangalore
	Guest of Honour Address	Dr.Ajeet Bajpai, DG, NCIIPC
	Keynote Address on "Cyber Security for Critical Infrastructure: Challenges & Way Forward"	Dr.SAV.Satya Murty, Former Director IGCAR, DAE, Director, VMRF
11:00 – 11:30	High Tea and Group Photo	
11:30 – 12:15	Smart grid: R&D Cyber Security Challenges	Shri.B S Bindhumadhava, Centre Head & Senior Director, C-DAC, Bangalore
12:15 – 13:00	Invited talk on IoT: Classification, Identification and Security Enforcement	Prof R.K. Shyamasundar, FIEEE, FACM JC Bose National Fellow and Distinguished V. Professor Department of Computer Science and Engineering Indian Institute of Technology Bombay, Powai
13:00 – 14:00	Lunch Break	
14:00 – 14:45	Cyber security framework in Utilities	Shri. P. K. Agarwal Director, POSOCO
14:45 – 15:30	Hardware based Security for Industrial Instruments	Ms. Mini TT, Principal Engineer, ABB Global Industries and Services Private Limited
15:30 – 15:45	Tea Break	
15:45 – 16:30	Lightweight Protocols	Dr.Sumanta Sarkar, TCS Innovation Lab, Hyderabad
16:30 – 17:15	IoT Security	Shri.Hari Babu, Joint Director, C-DAC, Bangalore

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DAY 2 (28-09-2019)		
9:00 – 9:45	DNS Security	Dr.Balaji, Joint Director, C-DAC, Bangalore
9:45 – 10:30	Invited Talk on "Cryptosystem Validation FIPS-140 2 Perspective	Dr.P.V.Ananda Mohan CDAC Bangalore
10:30 – 10:45	Tea Break	
10:45 – 11:30	Role of Next generation firewall in securing Critical Infrastructure	Shri. Thiruppathi Senior Network Analyst, SETS
11:30 – 12:15	Visibility in Critical Infrastructure	Shri. Rajesh Kalluri, Joint Director, C-DAC, Bangalore
12:15 – 13:00	Securing Critical Infrastructure with Machine Learning	Dr.Parag Rughani, Associate Professor [Digital Forensics] at Gujarat Forensic Sciences University, India
13:00 – 14:00	Lunch Break	
14:00 – 15:00	Securing Critical Infrastructure in the Quantum Era: PQC	Dr.Prem Laxman Das, Sr.Scientist, SETS
	Securing Critical Infrastructure in the Quantum Era: QKD	Dr.JothiRamalingam, Scientist, SETS
	Secure Crypto Devices for Cyber Infrastructure	Ms. A. Suganya, Scientist, SETS
15:00 – 16:30	Panel Discussion / Valedictory *"Need of Indigenous Solutions/ Products in Securing the Nation's Critical Infrastructure"*	• Shri Omveer Singh, MeitY • Dr. Jagadeesh, BARC • Dr. Sriram Biradavolu, CoE Telangana Cyber Security • Dr.Narendranath, Joint Secretary, NSCS • Ms. Smitha, SITARA • Shri. Senthil Kumar, C-DAC, Bangalore • Dr. Sarat Chandra Babu, SETS
16:30 – 16:45	High Tea	