

DAY 1 – 22nd November 2022 (Tuesday)

09:00 -10:30	Workshop Registration and Networking
10:30-10:40	Introduction to National Workshop on Cryptology & Lamp Lighting
10:40-10:50	Welcome Address <i>by Dr Rajkumar Upadhyay, Executive Director, C-DOT</i>
10:50-11:05	Keynote Address <i>by Dr Bimal Roy, Founder and General Secretary, CRSI</i>
11:05-11:25	Inaugural Address <i>by Chief Guest, Dr Mahesh Shukla, Member (Services) Digital Communications Commission & Ex- Officio Secretary, Govt. of India</i>
11:25-11:30	Vote of Thanks <i>by Ms. Shikha Srivastava, Director and Board Member, C-DOT</i>
11:30 -12:00	Tea and Networking Break
12:00 -13:00	Cryptography applications in wired and wireless communication systems <i>by Dr Ananda Mohan (Ex- R&D ITI Ltd and Ex- ECIL)</i>
13:00 -14:00	Public Key Cryptography and its Applications <i>by Dr. Indivar Gupta (SAG Lab, DRDO)</i>
14:00 -15:00	Lunch and Networking Break
15:00 -16:00	Role of Authentication in Cyber-Security and Cryptography <i>by Dr. P K Saxena (O/o the Principal Scientific Advisor to the Govt. of India)</i>
16:00 -17:00	Format Preserving Encryption and its Applications <i>by Prof. Somitra Kumar Sanadhya (IIT Jodhpur)</i>
17:00 -17:15	Tea and Networking

DAY 2 – 23rd November 2022 (Wednesday)

09:00 -09:30	Registration
09:30 -10:30	Impact of Quantum Computing on Cryptography <i>by Prof. C.E. Veni Madhavan (IISc Bangalore)</i>
10:30 -11:30	Need for Post-Quantum Cryptography <i>by Dr. Bhupendra Singh (CAIR Lab, DRDO)</i>
11:30 -12:00	Tea and Networking Break
12:00 -13:00	Cryptography in Satellite Communication <i>by Shri Rakesh Shukla (ADRIN, Department of Space)</i>
13:00 -14:00	Poster Presentation & Exhibition
14:00 -15:00	Lunch and Networking Break
15:00 -16:00	Post -Quantum -Cryptography in Blockchain <i>by Dr Venkataraman (CR Rao Institute, Hyderabad)</i>
16:00 -17:00	Validation of Cryptographic Algorithms as per NIST FIPS140 -2 & ISO 19790 standards <i>by Shri Raghvendra Patil (C-DAC Bangalore)</i>
17:00 -17:15	Tea and Networking

DAY 3 – 24th November 2022 (Thursday)

09:00 -09:30	Registration
09:30 -10:30	Homomorphic Encryption & its applications <i>by Dr. Srinivas Vivek (IIIT Bangalore)</i>
10:30 -11:30	Applications of confidential computing for privacy preserving enterprise applications <i>by Dr. Rajan MA (TCS Research, Bangalore)</i>
11:30 -12:00	Tea and Networking Break
12:00 -13:00	Side Channel Analysis in Cryptographic Systems <i>by Dr. Suganya A (SETS Chennai)</i>
13:00 -14:00	Poster Presentation & Exhibition
14:00 -15:00	Lunch and Networking Break
15:00 -16:00	Recent Advances in Light-Weight Cryptography <i>by Prof. Dhiman (IIT Bhilai)</i>
16:00 -17:00	Lightweight Authenticated Key Management Schemes in IoT <i>by Dr. Appala Naidu (CR Rao Institute, Hyderabad)</i>
17:00 -17:15	Tea and Networking

Note: All technical Sessions shall be inclusive of 15 minutes Q&A