

Department of Computer Applications
Cochin University of Science and Technology
International Online Workshop on Information and Network Security Challenges and Solutions using Artificial Intelligence Approaches
December 14-18, 2020
Programme Schedule

Monday	Inauguration 10.00 am -10.45 am	Malware Reverse Engineering Sri.Shyam Sundar Ramaswami, Head of Threat research group for Asia Pacific, Cisco, Bangalore, India. 10.45 am – 12.45 pm	Malware Reverse Engineering Sri.Shyam Sundar Ramaswami, Head of Threat research group for Asia Pacific, Cisco, Bangalore, India. 1.15 pm – 2.15 pm	Generative Adversarial Attacks to Malware Detectors Dr. Corrado Aaron Visaggio, Associate Professor, Dept. of Engineering University of Sannio, Italy. 3.30 pm – 4.30 pm
Tuesday	Forensic Investigation Process- Live demo and hands-on Training Sri.Bhavik Shah, CISCO Security TAC, Bangalore, India. 9:00 am– 11:30 am	Forensic Investigation Process- Live demo and hands-on Training Sri.Mihir Shah, Awake Security, Bangalore, India. 12.30 pm -02.30 pm	Authentication and integrity protection for GNSS signals. Prof. Nicola Laurenti, Associate Professor, University of Padua, Italy. 2:30pm-4:00pm	
Wednesday	Computer Forensics-Hands-on Sri. Swapneel Patnekar, MD of Shreshta IT , Bangalore, India 9.30 am-11.30 am	Malware Visualization Prof. Vinod P, Professor, DCA, CUSAT 11.45 am-1.15 pm	Machine learning & Deep Learning Approaches for Intrusion Detection Prof. Akka Zemmari, LaBRI Research Lab, University of Bordeaux, France. 2.30 pm-4.00 pm	
Thursday	Mobile Security, Cloud Computing: Present and Future Trends Prof.Manoj Singh Gaur, Director, IIT Jammu. 9:30-10.30 am	Android Security Dr.Jyoti Gajrani, Head, Dept. of CSE , Govt Engineering College, Ajmer 10:30-11.30 am	Hands-on Session on Memory Forensics. Dr. Parag H. Rughani, Associate Professor, National Forensic Sciences University, Gujarat - India 1:00 pm-3:00 pm	Demystifying Cyber Risks-The Road Ahead Dr.Sashank Dara, CTO and Co-Founder , Seconize, Bangalore. 3:00 pm-4:00pm
Friday	Elliptic Curve Cryptography Prof. A Sreekumar, DCA, CUSAT 9.00 am-11.30 am	Side Channel Analysis Dr. Riccardo Spolaor, School of Computer Science and Technology, Shandong University, Qingdao Campus, R.P.China. 11.45 am-12.45 pm	Deep learning-based Android Malware Detection using Real Devices Dr.Suleiman Yerima, De Montfort, UK. 3.30 pm-5.00 pm	