

Workshop Contents

CYBER CRIME-SECURITY AWARENESS & HYGIENE

in association with

INDORE POLICE, INDORE

from

3 to 5 March 2020

Time: 3.30pm to 5.30pm

Day 1: An Introduction to Cyber Crime – Historical Background, Definition and types of Cyber Crime as per IT Act 2000 and amended 2008. Overview of Cyber Security threats and Types of Cyber Attacks. Challenges Posed by Cyber Crime to Indian Police. Cyber Crime world scenario, Types of Cyber Crime Attack/Techniques: Cyber-crime/Harassment held through use of cyber space and the IT Act and its under sections implementation for the same, it can be sexual, racial, religious or other. Cyber Crime on Social Media, Who are the cyber predators, techniques through Cyber Crime executed, precautions: Rules/ age limit to create Facebook Id browsing law for students and control by parents. Best Practices for Prevention of Cyber Crime.

Day 2: Introduction of Online Financial Frauds: Introduction to Online and Cash less transactions like: ATM, Credit & Debit Cards etc. Financial & non-financial services: Mobile Wallets and Payment Gateways like UPI, IMPS, POS Terminals, and Popular Online Financial Frauds like Phishing, Vishing, and Debit/Credit Cards Frauds. Skimming devices, Concept of Bit Coin /False (Crypto) Currency. introduction to Salami Attack or Slicing, Spamming, Hacking, Spoofing, Denial of Service Attack (DoS), Data Diddling, Malware, Virus, Worm, Botnet and Steganography. Investigation process of Online Financial Frauds.

Day 3A: Introduction to Social Media like Facebook, Whatsapp: Introduction and need of social media. How to safe useful information on the account. Do's and don'ts meanwhile creating Facebook and Whatsapp accounts with safety measures and productive tips. Introduction of URL, IP & MAC address of Computer System, DNS, working of web server & web Browser, security issues measures.

Day 3B: System Security & Safeguards: Introduction to Operating System and its Security, Microsoft Security Essentials. Over view of Virus & its precautions. Firewall & BOT Net. Importance of Desktop Security: Hibernate, Password, key logger. Counseling through Case Studies. Relevant Sections of ITAA-2008 & IPC Act: Under Section 43(A to F), 66 & 67 and Police Advisory for Public.