

INVESTIGATION OF CYBER CRIME CASES (10 DAYS)

Date/Day	0930-1045 Hrs.	1100-1215 Hrs.	1215-1330 Hrs.	1430-1500 Hrs.	1500-1615 Hrs.	1630-1745 Hrs.
1st Day	Registration and Inauguration	Basics of Computer & it's different parts	Common terminology related to computer crime/cyber crime and use of technology by criminals	Experience Sharing	Overview of Cyber Crime. IT Act- 2000, its amendments and relation with IPC	
2nd Day	Crimes in which computer system are used as tools/instruments & Type of crime, crime and targeting computer system, What can the I.O expect from cyber forensic analysis and Investigation of Cyber-crime-whom to approach		Introduction to Digital Forensics and Kinds of digital devices, Sources for digital evidences	Experience Sharing	Scenario on search and seizure, team formation, team briefing and preparation of Search Acquisition of RAM data and removing of hard disc etc.	
3rd Day	Collecting electronic evidence from various repositories of data with Case study & hands on (Hashing Techniques & tools)	Computer Forensics procedure with concepts of sterile media and imaging	Analysis of Imaging and Recovery of deleted data using Encase and software and its use	Demonstration of Cyber Investigation Kit	Practical on imaging & analysis of data using encase/ Collection of Volatile data using FTK Imager and Helix Technology including Apple and MAC System	
4th Day	IP Address, MAC address, Domain name System, Web Server, URLs	Investigation and Tracking of Email with Hands on and how to seek information's from mail service providers		Movie on Cyber Security	Investigation of Cyber Stalking and harassing cases with Hands on	
5th Day	Concept of Internet interceptions, Surveillance Proxy server, Anonyms Surfing and fishing in Cyber Crime	Encryption and password Cracking using Passware & Racc-A-Tacc with Hands on	Receipt and analysis of exhibits related to Cyber-crime in forensic science laboratory	Concept of Digital Signature	Educational Tour - Visit to Cyber Crime Police Station/ CFSL	

6th Day	Registration of FIR, Preparation of search and seizure memo, preparation of charge sheet in Investigation of Cyber Crime cases with case studies	Online investigation in Cyber Crime and tools for collection of online evidences	Cyber café, Rules and Regulation	Investigation of cases related to Social Networking sites, Orkut, face book, twitter and their use with hands on		
7th Day	Role and Functioning of NASSCOM, DSCI, CERT and other Agencies	Virtual Computer Crime and Cyber patrolling	Investigation of Cyber pornography cases	Experience Sharing	Investigation of Internet Fraud with case study	
8th Day	Concept of Network Security	Mobile Interception & authorisation – Legal provision of interception in Indian Telegraph Act with Recent Guidelines	Collection of information/evidences from smart phone ,mobile phones and SIM cards	Experience Sharing	Cellular Communication forensic analysis of evidence with hands on UFED	
9th Day	Cyber Security and Emerging Threats due to advancement in Technology	Cyber terrorism	cyber-crimes investigation using Freeware/open source tools with Hands on	Test	CDR Analysis and its uses in Investigation Hands on I2 Software	
10th Day	Common mistake in investigation of cybercrime with latest judgements	Syndicate Presentation		Movie on Cyber Terrorism	Feedback	Valediction

Tea Break: 1045-1100 & 1615-1630 Hrs, Lunch Break: 1330-1430 Hrs

Yoga session 0600-0700 Hrs (Summer), 0630-0730 Hrs (Winter)