

Mobile Forensics

This is a 05-days Course, which envelopes the following broad topics:

An overview of mobile forensics and Common offences in which mobile phones are being used; Basic Mobile Telephony- GSM & CDMA and concept of passive communication; IT Act 2000 and its amendments 2008, Indian Telegraph Act and its amendments with reference to Mobile Phones with Case Studies and case laws; Use of Mobile Phones in Surveillance: procedure for Interception, laws related to interception: Challenges faced by the IOs; Mobile phone CDR Analysis; Concept of mobile finger printing; Hands on Mobile Phone CDR Analysis using advance software; Search and seizure of mobile phones, precautions to be taken recovery of deleted data from SIM cards and mobile phone memory: demonstration and hands-on; Imaging a memory card/pen drive: Analysis Recovery of deleted data from Multimedia cards: demonstration; Imaging & Hashing techniques using FTK & hands on; Basic mobile phone Forensics- Physical & logical extraction using UFED including Mobile Browser Forensics and manual processing of cellular phones; Concept of GPRS Logs :its use in investigation; Visit to CFSL/FSL/Cyber Crime Cell/mobile switching centre; Investigation of cases related to obscene messages and MMS with case studies; Concept of Satellite Phones and its use in investigation; Use of GPS & Triangulation technique for locating the targeted subject.