

USE OF MOBILE/CELL PHONE FORENSICS IN INVESTIGATION OF CRIME (05 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	An overview of Mobile/ Cell phone Forensics and Common offences in which mobile phones are being used	Basic Mobile Telephony- GSM & CDMA Technology and concept of passive communication	Experience Sharing	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 and procedure for Interception Laws related to interception and Challenges faced by the IO's
2nd Day	CDR Analysis- concept & demo using MS Excel		Concept of Mobile Finger Printing	Experience Sharing	Hands on CDR Analysis using advance Softwares like I2	
3rd Day	Search and seizure of mobile phones and precautions to be taken Recovery of deleted data from SIM cards and mobile phone memory cards with demo and hands-on		Imaging of a memory card/pen drive and Analysis Recovery of deleted data from Multimedia cards with demo	Experience Sharing	Imaging & Hashing techniques using FTK & with hands on	
4th Day	Basic Mobile/ Cell phone Forensics- Physical & logical extraction using UFED Mobile Browser Forensics and manual processing of Cellular phones		Concept of GPRS Logs and its use in investigation (use of chat programme like we chat, Vibers, whatsapp, Skype) and VOIP	Experience Sharing	Visit to CFSL/FSL/Cyber Crime Cell/Mobile Switching Centre	
5th Day	Investigation of cases related to "Obscene messages and MMS " with case studies		Concept of Satellite Phones and its use in investigation	Test	Use of GPS & Triangulation technique for locating the target	Feedback & Valediction

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

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