

Digital Forensics

Duration:-35 Hrs

Cost Per Head: ₹4,500/-

Module 1: Introduction to Computer Forensics

Cybercrime -Need of Computer Forensics -Role and Rules of Computer Forensics-Investigation Process -Computer Forensics Services -Cyber Laws

Module 2: Computer Forensics Investigation Process

Recovering deleted file from the evidence-Viewing files of various formats-Handling evidence data- Creating a disk image file of a hard disk partition.

Module 3: Hard Disks and File Systems

Recovering deleted files from Hard disks -Analysing File systems

Module 4: Data Acquisition

Viewing Contents of forensic Image

Module 5: Anti-Forensics Technique

Cracking Application Password -Detecting Steganography

Module 6: Operating System Forensics

Discovering and Extracting Hidden Forensic Material on Computers -Extracting Information about Loaded Processes -Viewing, Monitoring, and Analysing Events -Performing Computer Forensic Investigation -Linux Forensics

Module 7: Network Forensics

Capturing and Analysing Logs of a Computer -Investigating System Log Data -Investigating Network Attacks -Investigating Network Traffic

Module 8 : Database Forensics

Analysing SQLite Database -Analysing MySQL Server Database

Module 9: Malware Forensics

Static Malware Analysis -Dynamic Malware Analysis -Analyse Malicious MS Office and PDF Files

Module 10: Email Forensics

Investigating E-mail Crimes -Tracing an Email

Module 11: Mobile Forensics