

COMET CERTIFIED  
**DIGITAL FORENSICS**  
COURSE BROCHURE

## Overview

Digital Forensics course provides the skills required for a candidate to become a Digital Forensics investigator. The skills acquired through this course can make one to understand the essential concepts to perform Digital Forensics Investigation, extracting evidences and prepare report about the attack or crime. In this course we will start with Understanding Digital Forensics, preparing for an investigation, evidence acquisition, Analysing the evidence, being an expert witness and perform corporate investigations.

## Course Objective

In this course, you will learn to

- Overview of Digital Forensics Investigation
- Understanding of Digital Evidence
- Investigation Phase
- Data Acquisition and Analysis
- Operating System Forensics
- Network Forensics
- Malware Forensics

## Audience Profile

This course is for Students/IT Professionals/Ethical Hackers who is interested in becoming Digital Forensic Investigator and Cyber Security professional.

## Prerequisites

- For taking this course, knowledge about Networking Basics and Servers will be an essential.
- Good knowledge on TCP/IP, IP Address, Subnet, Ports and Protocols in Networking.
- Ethical Hacking knowledge will be added advantage.

## Course Module

### Module 01: Introduction to Digital Forensics

- Understanding Digital Forensics
- Rules of Forensics Investigation
- Understanding of Digital Evidence
- Sources of Potential Evidence
- Rules of Evidence
- Legal and Privacy Issues
- Code of Ethics

### Module 02: Digital Forensics Investigation Process

- Pre-investigation Phase
- Investigation Phase
- Post-investigation Phase

### Module 03: Understanding Hard Disks and File Systems

- Hard Disk Drive Overview
- Understanding File Systems
- File System Analysis

### Module 04: Data Acquisition and Duplication

- Understanding Data Acquisition
- Static Acquisition
- Validate Data Acquisitions

### Module 05: Operating System Forensics

- Collecting Volatile Information
- Collecting Non-Volatile Information
- Windows Memory Analysis
- Windows Registry Analysis
- Cache, Cookie, and History Analysis
- Windows File Analysis
- Metadata Investigation

## **Module 06: Network Forensics**

- Introduction to Network Forensics
- Fundamental Logging Concepts
- Event Correlation Concepts
- Network Forensics Steps
- Network Traffic Investigation

## **Module 07: Malware Forensics**

- Understanding Malware Forensics
- Malware Analysis





## Our Students Testimonials

### CONTACT US

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