

## DIGITAL FORENSIC INVESTIGATION PROFESSIONAL (DFIP) CERTIFICATION

**Duration:** 5 days (35 hours)

**Mode :** Instructor Led Class room Training and Labs.

Digital forensic is an emerging domain in Information Security. Understanding the techniques and do-how of Evidence collection, Analysis, Preservation and Reporting is the key factor in order to be a successful Forensic Investigator.

Digital Forensic Investigation was analytical largely, on the stored evidence acquired from a Computer. This concept has changed dramatically in recent times, as solid evidences against a criminal activity can be traced from the volatile memory as well as live packet analysis in today's digital environment.

The forensic investigator must have strong knowledge on various aspects of Information Technology in order to understand Digital Forensics.

The Digital Forensic Investigation Certification (DFIP) offered by the Information Security and Digital Forensic Research Foundation, (ISDFRF) USA, is carefully designed for aspirants wishing to begin a career in digital forensics.

Digital Forensics today needs data and it has to be systematically captured, preserved, thoroughly analyzed and reported fool-proof to prove a crime. There are number of hands-on labs created with step by step screen shots to aid you to have a complete understanding of how to do things on your own. You will use the digital forensic tools to acquire and analyse digital evidence.

We do train our participants on extensive packet analysis using wireshark to understand the protocols and its characteristics analysing every protocol, in a live environment. We do provide Virtualised lab facilities for hands on. This classroom training sessions provide the practical introduction to the fundamentals of digital forensics.

### What will you learn?

- The Digital forensic principles and guidelines.
- The process of Evidence collection, Preservation and Analysis.
- The file system in Computers and mobile devices.
- Tools and Analysis.
- How to capture volatile memory.
- How to take image of a hard disk or a mobile data.
- Understanding Cryptography and how to hash the messages.
- How to retrieve the deleted files on the disc.

**Who should attend?**

- Aspirants who would like to take up a career in Digital Forensic Investigation.
- Security and Firewall Administrators
- IT Security Officers
- Technical Managers
- Engineers

**Prerequisites**

- Working knowledge in networking and OS