**TRAINING PROGRAM TITLE**

**DIGITAL FORENSICS**

**Eligibility Criteria :** Police Officials, Government Officials , Law Enforcement officials , Forensic Lab Officials **,** Investigating officers, Banking Officials

**Intake :** Minimum 10 & Maximum 30 Officials

**Language of Instruction:** English

**Duration :** 2 weeks program

**Location:** Gujarat Forensic Sciences University- Gandhinagar -Gujarat

**Modules / Topics:**

* Role of Forensic Science in Detection of Crime
* Computer Fundamentals
* Data Storage, Retrieval and Representation
* Introduction to Operating Systems
* Understanding Cyber Crimes
* Digital Forensics Process
* Digital Crime Scene (Case Studies)
* Electronic Evidences (Discussion)
* Acquisition Process
* Evidence Integrity (Hands On)
* Disk Imaging & Disk Imaging (Hands On)
* Data Recovery & Data Recovery (Hands On)
* Open Source Forensic Analysis Tools & Open Source Forensic Analysis Tools (Hands On)
* Working with EnCase & EnCase (Hands On)
* Working with FTK FTK (Hands On)
* Windows Registry Analysis & Windows Registry Analysis (Hands On)
* Windows Events and Log Analysis & Windows Events and Log Analysis (Hands On)
* Password and Encryption Handling & Password and Encryption Handling (Hands On)
* Introduction to Linux Forensics & Introduction to Linux Forensics (Hands On)
* Working with Internet Artifacts & Internet Artifacts (Hands On)
* Analyzing Emails & Email Analysis (Hands On)
* CCTV Footage Analysis & CCTV Footage Analysis (Hands On)
* Understanding CDR and IPDR & CDR and IPDR Analysis (Hands On)
* Introduction to Memory Forensics & Forensic Analysis of RAM (Hands On)
* Introduction to various Anti-forensic techniques
* Group Discussion Question & Answers Feedback