

## Certificate Course in Cyber Forensic

### Objective of the Course:

It enables the students to gain in-depth knowledge in the field of Computer forensics & Cyber Crime.

### Learning Outcomes:

After completion of the course the students will be able to learn investigation tools and techniques, analysis of data to identify evidence, Technical Aspects & Legal Aspects related to cyber crime.

**Duration of the Course (in hours)**      80 hrs

**Appr. Fees (INR):**                      Rs.5000/-

**Minimum Eligibility Criteria and pre-requisites, if any**                      Undergoing/completed diploma in Engg./ B.sc/ BCA/B.E/B.Tech/M.sc/MCA/M.Tech

### Outline of Course

S. No	Topic	Minimum No. of Hours
1	Fundamentals of Networking(OSI,TCP/IP,IP Addressing)	08 hrs
2	Introduction to Cyber Crime	05 hrs
3	Data storage fundamentals	10 hrs
	File Systems- FAT/NTFS	
	File System Analysis with Cyber Check, WinHex	
4	Technical aspects of Cyber Crime	10 hrs
	Network Trace Route	
	Address Identification	
	Network tracing e-mail headers, etc.	
	Search & Seizure	
	Practical on Digital Evidence Seizure/Acquisition	20 hrs
	Practical on Digital Evidence Seizure/Acquisition for Mobile Forensics and PDA Forensics	15 hrs
5	Legal Aspects of Cyber Crime	12 hrs
	IT Act 2000/2008	
	Privacy Issues	
	Involving Law enforcement	
	<b>Theory / Lecture Hours:</b>	30 hrs
	<b>Practical / Tutorial / Lecture Hours:</b>	50 hrs
	<b>Total Hours:</b>	80 hrs

## Short Term Courses – NIELIT

**Books recommended  
for reference and  
reading:**

Course material Developed by NIELIT Srinagar/Jammu Centre

**Group Code:** ISCF

**Group Name:** Information Security & Cyber Forensic

**Course Code:** CT02

**Course Name:** Certificate Course in Cyber Forensic