



**CERTIFIED CYBER EXPERT AND INVESTIGATOR**  
**CCEI COURSE**

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**Duration: 40 Hours**

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**PRISTINE**  
*InfoSolutions* securing the future

## Company Overview

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Pristine InfoSolutions Pvt. Ltd is an ISO 9001:2015 certified organisation. At Pristine, we possess world class security service portfolio designed to defend against and mitigate the most vicious attacks along with creating a highly secured environment for the organization. We help organizations reduce risk and enhance competitive advantage by protecting their information assets and providing positive assurance on governance. Unlike other Information Security companies, our ability to meet the Information Security needs across industry verticals with commitment of quality delivery and partnering approach has been highly recognized in the industry, which has positioned Pristine InfoSolutions as a leader in this segment.

Having trained over 30,000 individuals comprising of engineers, professionals, government departments and even employees from corporate giants in different cities across the country and different countries across the world, Rizwan says, “The goal is to keep providing the best of Knowledge to aspiring hackers with the courses and to provide best of Cyber security and Cyber law consulting services to our clients in the best efficient way to reach the maximum customer satisfaction.”

Pristine InfoSolutions is ISO 9001 – 2015 certified company providing quality service in IT Security Training, Cyber Security Audits, IT Outsourcing and Cyber Crime Investigation & Consultations with an aim of increasing the quality day by day by upgrading the technical knowledge of the internal team.



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## About CCEI Course

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CCEI is highly developed cyber crime investigation course pioneered by Pristine InfoSolutions in India covering all major aspects of cyber crime investigation techniques in a real world and the various legal issues involved.

## Prerequisite

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To attain the CCEI certification, a candidate must have prior ethical hacking/cyber security knowledge, firm understanding of the hacking concepts or should have undergone CISEH training program or one should have IT security work experience

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## Target Audience

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The Certified Cyber Expert and Investigator (CCEI) program is generally designed for information security officers, IT managers, Chief security officers, IT Auditors and anyone involved in protecting organization's reputation and information assets.

## Training Duration

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It will be of 40 hours online live virtual training sessions where trainer will be present virtually to take sessions. Every session consists combination of both theoretical and practical stuffs with live hacking on realtime portals.

## Requirement

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You should have good internet connection and good quality headphone/speaker set with Laptop / Desktop with minimum configuration 4gb RAM, i5 processor.

You should have notepad/pen to note down important points.

## Certification

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The Certified Cyber Expert and Investigator (CCEI) training course prepares candidates for industry recognized computer forensics expert. This most sought after information security certification CCEI is awarded to the students after passing online exam for CCEI.

## Topics

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1. CYBER CRIME AND INVESTIGATION:INTRODUCTION
2. COMMON TYPES OF CRIMES
3. CRIMINAL TRACING SKILLS
4. STEGANOGRAPHY
5. SOCIAL NETWORK INVESTIGATION AND ANALYSIS
6. ACQUISITION & DUPLICATION
7. WEB BASED ILLEGAL ACTIVITIES
8. ANALYZING AND INVESTIGATING DELETED DATA
9. INTELLECTUAL PROPERTY THEFT
10. INVESTIGATING EMAILS
11. LEGAL CHALLENGES AND SOLUTIONS IN FIGHTING CYBERCRIME
12. CYBER LAW AND CONSULTING
13. CRIMES OVER MOBILE PHONE
14. CYBER CRIMES LIVE RESPONSE

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## Sub Topics

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### **CYBER CRIME AND INVESTIGATION: INTRODUCTION**

- ✓ Profiling Cyber Criminals
- ✓ Evolution of Cyber Crime
- ✓ Concepts and Keywords
- ✓ Standard Processes of Investigator
- ✓ Do's and Don'ts
- ✓ Intro to First Respondent Team

### **COMMON TYPES OF CRIMES**

- ✓ Copyright infringement
- ✓ Trademark infringement
- ✓ Domain name Dispute
- ✓ Defamation Cases
- ✓ Cyber Stalking cases
- ✓ Online Harassment
- ✓ Online extortion
- ✓ Illegal fund transfers
- ✓ Phishing
- ✓ 419 Scam
- ✓ Ransomware
- ✓ Data Breach
- ✓ DoS and DDoS
- ✓ Web bases illegal activities
- ✓ Malware

### **CRIMINAL TRACING SKILLS**

- ✓ Role of IANA and ICANN
- ✓ Guidelines & Policies
- ✓ Finding Identity
- ✓ Tracing Geo-IP Location
- ✓ Email Backtrack
- ✓ Tools to trace

### **STEGANOGRAPHY**

- ✓ Introductions
- ✓ Cryptography v/s Stenography
- ✓ Information Hiding
- ✓ Tools and Techniques
- ✓ Water marking

### **SOCIAL NETWORK INVESTIGATION AND ANALYSIS**

- ✓ Fundamental of Social Networking
- ✓ Information gathering in Social Network
  - People searching
  - OSINT
  - Deep Web
- ✓ Alias Social Network Profiles
- ✓ Social Profiling
- ✓ Tools and Techniques

### **ACQUISITION & DUPLICATION**

- ✓ Introduction
- ✓ ACQUISITION Methods & Formats
- ✓ Identifying best ACQUISITION Method
- ✓ Cloning & Imaging
- ✓ Disk Imaging Linux / Windows
- ✓ RAID Disk
- ✓ Hardware / Software

### **WEB BASED ILLEGAL ACTIVITIES**

- ✓ Rights of Domain name owner
- ✓ Lifecycle of Domain name
- ✓ Misuse of Add Grace Period
- ✓ Domain squatting

### **ANALYZING AND INVESTIGATING DELETED DATA**

- ✓ Preparing for Raid and Seizing systems
- ✓ Meta Data
- ✓ Recovering Deleted Data
- ✓ Reviewing logs

### **INTELLECTUAL PROPERTY THEFT**

- ✓ Types of Malware
- ✓ Tracing Hacker involved in injecting Malware

### **INVESTIGATING EMAILS**

- ✓ Crime over Emails
- ✓ Mailing Clients Vulnerability
- ✓ Spoof Emails
- ✓ Email Spamming
- ✓ Email Scam
- ✓ Tracing Email sender & Recipient
- ✓ Case studies

### **LEGAL CHALLENGES AND SOLUTIONS IN FIGHTING CYBERCRIME**

- ✓ Lack of Evidence
- ✓ Password Protected Data of Criminals
- ✓ Ways to break Password
- ✓ Hackers hiding identity while Committing Fraud
- ✓ Identity Theft
- ✓ Proxy Bouncing
- ✓ ODay attacks
- ✓ Honeypot
- ✓ Webjacking

### **CYBER LAW AND CONSULTING**

- ✓ What is Cyber Law
- ✓ Types of Crimes
- ✓ IT Act, 2000
- ✓ Blogs & Blogger's rights & limitation
- ✓ CERT-IND & AO
- ✓ Uniform Domain Dispute Resolution Policy
- ✓ Trademark & Copyright Infringement
- ✓ Central Acts & State Acts

### **CRIMES OVER MOBILE PHONE**

- ✓ Stealing Chat conversations
- ✓ Spying through cell phone
- ✓ Tracing lost Cell phone
- ✓ Call Spoofing

### **CYBER CRIMES LIVE RESPONSE**

- ✓ Reporting most common crimes
- ✓ Suspect Stalking
- ✓ Suspect Bulling
- ✓ Cyber Terrorism
- ✓ Expert Witness
- ✓ Role & types of Expert Witness
- ✓ Technical witness & Expert Witness
- ✓ Testifying in the court of Law

