



Learn | Research | Innovate

— 6 MONTHS —

# CYBER FORENSICS DIPLOMA

— COURSE —

WE SECURE YOUR ASSETS

TRAINING & CERTIFICATIONS PARTNERS

**EC-Council** **CISCO** **CompTIA**

**RedHat** **python** **PECB**



[www.craw.in](http://www.craw.in)

## CERTIFIED SOC ENGINEER

LEVEL 1 : COURSE DURATION : 30 hrs

- Module 01 : Security Operations & Management
- Module 02 : Understanding Cyber Threats\_IOCS & Attack Methodology
- Module 03 : Incidents, Events, and Logging
- Module 04 : Incident Detection with security Information & event Management (SIEM)
- Module 05 : Enhanced Incident Detection with Threat Intelligence
- Module 06 : Incident Response

## THREAT INTELLIGENCE EXPERT

LEVEL 2 : COURSE DURATION : 30 hrs

- Module 01 : Introduction to Threat Intelligence
- Module 02 : Cyber Threats and Kill Chain Methodology
- Module 03 : Requirements, Planning, Direction, & Review
- Module 04 : Data Collection and Processing
- Module 05 : Data Analysis
- Module 06 : Intelligence Reporting and Dissemination

## CYBER INCIDENT HANDLING EXPERT

LEVEL 3 : COURSE DURATION : 40 hrs

- Module 01 : Introduction to Incident Handling and Response
- Module 02 : Incident Handling and Response Process
- Module 03 : Forensic Readiness and First Response
- Module 04 : Handling & Responding to Malware Incidents
- Module 05 : Handling & Responding to Email Security Incidents
- Module 06 : Handling & Responding to Network Security Incidents
- Module 07 : Handling & Responding to Web Application Security Incidents
- Module 08 : Handling & Responding to Cloud Security Incidents
- Module 09 : Handling and Responding to Insider Threats

## CYBER FORENSICS INVESTIGATION

LEVEL 4 : COURSE DURATION : 40 hrs

- Module 01 : Computer Forensics in today's World
- Module 02 : Computer Forensics Investigation Process
- Module 03 : Hard-Disk and File-System
- Module 04 : Data-Acquisition and Duplication
- Module 05 : Defeating Anti-Forensics Techniques

- Module 06 : Windows Forensics
- Module 07 : Linux Forensics
- Module 08 : Network Forensics
- Module 09 : Web-Forensics
- Module 10 : Dark web–Forensics
- Module 11 : Cloud forensics
- Module 12 : Email-Forensics
- Module 13 : Malware Forensics
- Module 14 : Mobile forensics
- Module 15 : IoT Forensics

## CERTIFIED MALWARE ANALYST

LEVEL 5 : COURSE DURATION : 40 hrs

- Module 01 : Introduction Malware Analysis
- Module 02 : Basic Analysis Technique And Tools
- Module 03 : Understanding File Formate (Lab)
- Module 04 : Setting Up Your Isolated Enviroment / Malware Lab (Lab)
- Module 05 : Static Analysis Basic/Advanced (Practical On Sample)”Lab” In Depth
- Module 06 : Dynamic Analysis Basic/Advanced (Practical On Sample Also On Live Host)”Lab”
- Module 07 : Malware Functionality (Practical Lab)
- Module 08 : Reverses Engineering (Duration-2hr)
- Module 09 : Assembly Language (Intel X86/64)
- Module 10 : Basic Programming Structure And Union (Duration-2hr)
- Module 11 : Debugging Malware (Lab)
- Module 12 : Working With Dll / Rootkit / Network And Registry / Api Call / Import And String Section (Lab)
- Module 13 : Code Injection / Extraction (Practical Lab)
- Module 14 : Advance Computer And Network Test Form of Malware Analysis (Lab)
- Module 15 : Real Time Attack Monitoring With Irc Log’s(Intrent Realy Chat) In Depth “Lab”
- Module 16 : Overview
- Module 17 : Report

## CYBER REVERSE ENGINEERING EXPERT

LEVEL 6 : COURSE DURATION : 40 hrs

- Module 01 : Introduction to Reverse Engineering
- Module 02 : Low level perspectives
- Module 03 : How to disassemble programs into assembly code
- Module 04 : Breakpoints
- Module 05 : Stepping through code
- Module 06 : Exploiting Stack Overflows
- Module 07 : Modify program behaviour
- Module 08 : Tools
- Module 09 : Providing the machine and labs

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