Cyber Security

Cyber security content

CYBER SECURITY

Introduction to Cybercrime

- Cybercrime and Information Security
- Introduction of Digital Forensics
- What is Computer Forensics
- History of Digital forensics
- Digital Forensics processes
- Digital Forensics types
- Digital Evidence
- Digital Evidence types
- The Legal Perspectives
- An Indian Perspective
- Cybercrime and the Indian IT Act 2000

Offensive attacks in cyber security

- Serves based different based attacks
- Website based attacks
- Network based attacks
- Malware based attacks
- Defence for this attacks and threats

Hard-disk architecture and Data-acquisition

- Hard-disk architecture concepts
- File system in Linux, windows, mac os
- Data-acquisition concept
- Acquire data from windows and Linux
- Data recover concept and practical
- Imaging and cloning concept

Windows forensics

- Windows forensics concept
- Important evidences in windows
- Volatile data acquire concept
- Non-volatile data acquire concept
- Evidence gathering form windows case-files
- Registry analysis concept
- Browser history analysis concept

Memory forensics

- Memory forensics concept
- Artifacts form Memory
- Memory analysis processes and tools
- Memory analysis case files studies

Network forensics

- Network forensics concept
- Network forensics analysis tools
- Logs analysis and techniques
- Case files analysis

Malware analysis

- Malware concepts
- String analysis of malware
- Statics analysis concept
- Dynamic analysis concepts
- Tool and case studies for malware analysis

Dark web forensics

- Dark web and their concepts
- Dark web access
- Dark web analysis
- Dark web case studies analysis

File analysis in Forensics

- file analysis in windows
- anti-forensics concepts
- identify file analysis

Mobile Forensics

- Mobile Forensics concepts
- Mobile Forensics Android versions
- Sim Concepts
- Data acquire in Mobile devices
- Analysis in Mobile devices