

## Cyber Security Fundamentals WorkShop

Dec. 5 - 9, 2021

### Day 1: Incident Handling and Digital Forensics Introduction

- Introduction to Incident handling.
- Incident handling process in depth.
- Digital Forensic Introduction.
- Data Acquisition Types.
- Exercise: Data Acquisition.

### Day 2: DFIR

- Triage & basic incident handling.
- Large Scale Phishing Attack.
- Intrusion Detection on Windows.
- Intrusion Detection on Linux.
- Exercise: Intrusion Detection.
- Exercise: Memory Dump & Imaging.
- Exercise: PCAP Analysis.

### Day 3: Security Concepts, Top 10 Web Attacks and EDR

- Basic Security Definitions.
- Vulnerability, Risk Assessment and Risk Management.
- OWASP Top 10.
- Vulnerability Scanners.
- EDR The Modern Endpoint Defense Technology

### Day 4: Wireless Security

- Wireless Security Introduction.
- Wireless Security Lab.

### Day 5: vSpect Review, Demo, and Lab

- VPN and Login Steps.
- Scanners Usage in Details.
- Demo for Each Scanner.
- Ticketing System.
- Portal Hands On.
- Scanners Hands On.
- Ticketing System Hands On.
- Evaluation Test.