

# FUNDAMENTALS OF CYBERSECURITY: VULNERABILITY ASSESSMENT & PENETRATION TESTINGS

This course focuses on methodology and hands-on experience in vulnerability assessment and penetration testing.

**FEE : RM2,500.00**  
(subject to 6% SST)

## TARGET PARTICIPANTS

Network administrator, System administrator, IT Manager, Student, Regular IT Staff

## OBJECTIVE

1. Understand and able to perform basic vulnerability assessment.
2. Independently perform penetration testing within the scope of network.
3. Experience Demo of VAPT throughout the training.

## AGENDA

### Module 1 : Cybersecurity Trends

- Overview about cybersecurity in Malaysia
- What is Cybersecurity?
- Challenge in Cybersecurity
- Profession in cybersecurity
- White hat hacker vs Black hat hacker

### Module 2 : Vulnerability Assessment Fundamental.

- Introduction
- Stages of VA
- Type of VA
- Tools related

### Module 3 : Penetration testing Fundamental

- Introduction
- Stages of Pentest
- Type of Pentest
- Tools related

### Module 4 : Vulnerability Assessment Basic

- Environment setup
- Tools installation – Nessus
- Demo VA using Nessus

### Module 5 : Penetration testing Basic

- Environment setup
- Kali linux introduction
- Demo Pentest using Kali Linux

