

## Essentials on Ethical Hacking

S.No	Topics
1	Introduction to Ethical Hacking, Hacking Terminologies, Ethical Hacking concepts and scope, Information Security controls
2	Footprinting concepts and Objectives
3	Overview of network scanning, Scanning Methodology
4	Vulnerability Assessment, Vulnerability Management cycle, Vulnerability Assessment solutions
5	System Hacking Methodology, Gain Unauthorized Access, Escalating Privileges
6	Introduction to Malware, Various malware and threat
7	Social Engineering Concepts, Social Engineering Techniques
8	DoS/DDoS Concepts, Dos/DDOs Attack Techniques
9	IDS Firewall and Honeypot concepts
10	SQL Injection concepts, Types of SQL Injection
11	Wireless Hacking Methodology, Hacking Wireless Networks
12	Mobile Platform Attack vectors, Hacking Mobile Platforms
13	Introduction to cloud Computing, Cloud computing Threats