**PSK TECHNOLOGIES PVT. LTD.**

**Web Development & Training ,Sales & Services**

**Office Address- Plot No.780 Tailors Line Near Durga Mata Temple Katol Road Chhaoni Nagpur-13 www.psktechnologies.co.in**

**Contact No.9975288300 / 9970141466**

**Computer Security Content**

**Topic 1: Introduction to Ethical Hacking**

Key issues plaguing the information security world, incident management process, and penetration testing

**Topic 2: Foot printing and Reconnaissance**

Various types of footprinting, footprinting tools, and countermeasures

**Topic 3: Scanning Networks**

Network scanning techniques and scanning countermeasures

**Topic 4: Enumeration**

Enumeration techniques and enumeration countermeasures

**Topic 5: System Hacking**

System hacking methodology, steganography, steganalysis attacks, and covering tracks

**Topic 6: Malware Threats**

Different types of Trojans, Trojan analysis, and Trojan countermeasures.

Working of viruses, virus analysis, computer worms, malware analysis procedure, and countermeasure

**Topic 7: sniffing**

Packet sniffing techniques and how to defend against sniffing

**Topic 8: Social Engineering**

Social Engineering techniques, identify theft, and social engineering countermeasures

**Topic 9: Denial of Service**

DoS/DDoS attack techniques, botnets, DDoS attack tools, and DoS/DDoS countermeasures

**Topic 10: Session Hijacking**

Session hijacking techniques and countermeasures

**Topic 11: Hacking Web servers**

Different types of webserver attacks, attack methodology, and countermeasures

**Topic 12: Hacking Web Applications**

Different types of web application attacks, web application hacking methodology, and countermeasures

**Topic 13: SQL Injection**

SQL injection attacks and injection detection tools

**Topic 14: Hacking Wireless Networks**

Wireless Encryption, wireless hacking methodology, wireless hacking tools, and wi-fi security tools

**Topic 15: Hacking Mobile Platforms**

Mobile platform attack vector, android vulnerabilities, jailbreaking iOS, windows phone 8 vulnerabilities, mobile security guidelines, and tools

**Topic 16: Evading IDS, Firewalls, and Honeypot**

Firewall, IDS and honeypot evasion techniques, evasion tools, and countermeasures

**Topic 17: Cloud Computing**

Various cloud computing concepts, threats, attacks, and security techniques and tools

**Topic 18: Cryptography**

Different types of cryptography ciphers, Public Key Infrastructure (PKI), cryptography attacks, and cryptanalysis tools