



Subject: - Foundation of Cybersecurity and Digital Forensics

TE Sem-V

Academic year-2022-23

Practice Experiments of FCSDf:

1. Analysis of cyber security risk and preventive measures using Microsoft Threat Model.
2. Implement short message/brute force attack and factorisation attack for RSA encryption.
3. Implement RSA algorithm.
4. Generate Digital certificate and sign using Digital signature.
5. Demonstration of Password Cracking attack and its Countermeasures.
6. Detect and analyse the Security Vulnerabilities of E-commerce services using Nikto.
7. Detect and analyse the Security Vulnerabilities of E-commerce services using Vega.
8. Detect vulnerabilities of windows system and analyse corresponding attacks using OpenVas.
9. Evidence Collection and forensic analysis using Autopsy(Practice in Windows).