

COURSE OBJECTIVE AND LEARNING OUTCOME

M.Sc.(INFORMATION TECHNOLOGY) SEMESTER III

COURSE: 304D OFFENSIVE SECURITY

| S.No | Learning Objective | Learning Outcomes |
|------|--|--|
| 1. | To understand of security requirements within an organization | Students Understand basic security issues in cloud, IoT |
| 2. | To teach how to inspect, protect assets from technical and managerial perspectives | Have the ability to Use Vulnerability assessment and exploitation tool |
| 3. | To Learn various offensive strategies to penetrate the organizations security | Students Analyze the network perform reconnaissance and enumerate the target to detect vulnerabilities |
| 4. | To learn various tools that aid in offensive security testing | Students perform offensive tests using Metasploit on various applications, generating payloads |