INSTITUTE OF TECHNOLOGY & ENGINEERING
INDUS UNIVERSITY
CS0729 Cyber Security
PRACTICAL FILE INDEX

Sr No.	Practicals	Page No.	Date	Signature
1	Vulnerability Assessment of a system using NMAP 1. TCP SYN Scan 2.TCP FIN Scan 3.Port Scan.			
2	Using open port information perform MITM(Man In The Middle) attack using arpspoof, urlsnarf, dsniff, dnsspoof. 1. Interruption, 2. Interception.			
3	Understand packet capturing tool wireshark or Ettercap and analysis of those packets			
4	Understand the concept of firewall and configure the Stateful Packet Inspection(SPI) firewall IPTABLES.			
5	BASIC configuration of Intrusion Detection System: Snort.			
6	Find out the vulnerability of network and perform penetration testing using OpenVas.			
7	Perform web application testing using DVWA			
8	Perform brute force attack using John the RIPPER			
9	Demonstrate Application Injection usingZed Attack Proxy			
10	Demonstrate automated SQL injection with Sqlmap.			