

## **Course: Information Security-IV**

**Course Code:** noc 18 cs 24

**Session:** 2017-18

**Duration:** 8 Weeks

**Assessment procedures:** Weekly Assignment (25%) + proctored certification Exam (75%)

### **Curriculum of the Course:**

1 - Short evaluation on scripting, networking basics (Contents of IS L3) -Introduction to Kali Linux

2 Layer 2 and Layer 3 Discovery using Kali Linux with demopractice

3 Layer 4 discovery using Kali Linux with demopractice - Port scanning feature in Kali Linux with demopractice

4 Finger printing (Specific OS details and vulnerabilities) in Kali Linux with demopractice

5 DoS and Web Application Scanning in Kali Linux with demopractice - Automating Kali Linux with tools

6 Network Forensics: An introduction and acquisition of evidence - Analysis and tools of network packets and flows

7 Unplugged: Wireless Network Forensics –Tools and Scripts -Network Forensics: Intrusion and Detection using Snort tool

8 Network Forensics: Network devices (Switches, Routers, Firewalls) and Proxies

### **List of students enrolled: 1**

1	Meenakshi Dhakad
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