

**PANIPAT INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**PANIPAT**  
**DEPARTMENT OF CYBER SECURITY**  
**LESSON PLAN**

Subject: Ethical Hacking  
Semester: 7th

Subject Code OE-CS-CYS 403

<b>Sr No.</b>	<b>Lec No</b>	<b>Topics To Be Covered</b>	<b>Mode of Teaching</b>
1	L 1	Ethical Hacking; Introduction	Class Room
2	L 2	Networking and Basics	Smart Class Room
3	L 3	Foot Printing, Google Hacking, Scanning	Class Room
4	L 4	Windows Hacking, Linux Hacking	Class Room
5	L 5	Understanding of Trojan and Backdoors, Introduction of Virus and Worms	Smart Class Room
6	L 6	Doubt Session	Class Room
7	L 7	Security Operations Center(SOC)	Smart Class Room
8	L 8	SOC Framework, SOC Tools	Class Room
9	L 9	SOC Tools	Class Room
10	L10	QRadar, Incident Detection and Investigation with QRadar	Class Room
11	L11	Doubt Session	Class Room
12	L 12	Incident Responder Process	Class Room
13	L 13	Wifi Hacking, Firewall and honeypots	Class Room
14	L 14	SnortIntroduction, Implementation	Smart Class Room
15	L 15	Penetration testing, Hacking Web server	Class Room
16	L 16	SQL Injection, Exploit writing in Python	Smart Class Room
17	L 17	Format string	Class Room
18	L 18	Reverse Engineering, Email Hacking	Smart Class Room
19	L 19	Doubts session	Class Room
20	L 20	Mobile Phone Hacking	Class Room

21	L 21	Incident Handling and Response , Bluetooth Hacking	Class Room
22	L 22	Basic ethical hacking tools and usage of tools in professional environment	Class Room
23	L23	Legal professional and ethical issues likely to face the domain of ethical hacking	Class Room
24	L 24	Assignment Discussed	Class Room
25	L 25	ethical issues in hacking	Class Room
26	L 26	Basic ethical hacking tools	Class Room
27	L 27	Ethical responsibilities	Class Room
28	L 28	Professional integrity and making appropriate use of tools and techniques associated with ethical hacking	Class Room