



Cyber Security Practical List:

Sr.No.	Topic	Practical	Dedicated Hours
1.	Fundamentals of Computers	<ul style="list-style-type: none"> • IP address • MAC Address • Static IP • Dynamic IP 	2 hours
2.	Installation of Windows 8 on virtual box.	<ul style="list-style-type: none"> • Virtual Box • Win 8 -ISO 	2 Hours
3.	Physical Security.	<ul style="list-style-type: none"> • Windows Backdoor. • Syskey. 	2 Hours
4.	Passwords.	<ul style="list-style-type: none"> • ERD Commander. • Cain & able. 	4 Hours
5.	Web browser Security	<ul style="list-style-type: none"> • Browser Security <ul style="list-style-type: none"> ▪ IE ▪ Mozilla Firefox ▪ Google Chrome • Add-ons. <ul style="list-style-type: none"> ▪ Firebug ▪ WOT 	4 Hours
6.	Cryptography	<ul style="list-style-type: none"> • PGP. • Truecrypt. 	4 Hours
7.	Steganography	<ul style="list-style-type: none"> • S-Tools. • Snow. 	4 hours
8.	Email Security	<ul style="list-style-type: none"> • Header Analysis. • Email Tracker pro. • Read notify. 	2 Hours
9.	Mobile Security Apps.	<ul style="list-style-type: none"> • Smart phone encryption. 	2 Hours

10.	Ethical Hacking	<ul style="list-style-type: none">• Information Gathering Tool<ul style="list-style-type: none">• Samspace<ul style="list-style-type: none">▪ Nslookup▪ Whois▪ Tracert• Scanning Tool –<ul style="list-style-type: none">• Angry IP Scanner• Nmap	2 Hours
11.	Protection of Information Assets.	<ul style="list-style-type: none">• Recuva.	2 Hours