



## Cyber Security Syllabus for IMED:

S.NO.	TOPICS	PROPOSED HOURS
1.	INTRODUCTION TO CYBER SECURITY	2 HRS
2.	PASSWORDS	2HRS
3.	CYBER CRIMES	8 HRS
4.	CYBER LAW (Information Technology Act, 2000)	2 HRS
5.	WEB BROWSERS SECURITY	1 HRS
6.	EMAIL SECURITY	1 HRS
7.	FIREWALL AND UTM	2 HRS
8.	PHYSICAL SECURITY	2 HRS
9.	MOBILE SECURITY	2 HRS
10.	CRYPTOGRAPHY	4 HRS
11.	ETHICAL HACKING	3 HRS
12.	INCIDENT RESPONSE AND COMPUTER FORENSICS	2 HRS
13.	ISO 27001	2HRS
14.	PROTECTION OF INFORMATION ASSETS	2 HRS
15.	VIRTUALIZATION AND CLOUD COMPUTING	2HRS
	BUFFER HOURS	3 HRS
	TOTAL HOURS	40 HRS