

## Cyber Security Associate

### Module Summary

#### NOS/s of Qualifications

1. Fundamentals of Network and Operating System
2. Fundamentals of Cyber Security.
3. Cryptography and Ethical Hacking
4. Network and Infrastructure Security
5. Vulnerability Assessment and Penetration Testing
6. Cyber Forensics
7. Employability Skills
8. Project / OJT

S.No	NOS/Module Name	Training Duration (Hours)		
		Th.	Pr.	Total
1	Fundamentals of Network and Operating System	30	60	90
2	Fundamentals of Cyber Security.	60	90	150
3	Cryptography and Ethical Hacking	20	40	60
4	Network and Infrastructure Security	10	20	30
5	Vulnerability Assessment and Penetration Testing	15	15	30
6	Cyber Forensics	15	15	30

<b>Sub Total (A)</b>		<b>150</b>	<b>240</b>	<b>390</b>
<b>7</b>	Employability Skills (B)	60		
<b>8</b>	Project/OJT (C)	90		
<b>Duration (in Hours) /Total Marks (A+B+C)</b>		<b>540</b>		

List of Tools and Equipment

S. No.	Tool / Equipment Name	Specification	Quantity for specified Batch size
1	Classroom	1 (30 Sq.m)	30
2	Student Chair	30	30
3	Student Table	30	30
4	Desktop computers with accessories	16 GB RAM, Camera, Headset with Microphone CentOS/Ubuntu Linux Kali Linux Windows 10, VirtualBox, Open-Source Antivirus Open Source or Native Firewall Software	30
5	Desk jet printer	1 Nos.	A4