

Foundation course for Cyber security Program (Total Duration: 64Hrs)

Section – 1 (Duration: 24Hrs)

- Windows 10 – Introduction
- BYOD Features
- Installing and Upgrading Operating system
- Upgrading to Windows 10
- Installing and Configuring Device Drivers
- Introduction to common document processing application
- Compression and Archiving tools
- Design and Development of web based documents



Section – 2 (Duration: 24Hrs)

- Introducing Computer Networks
- Purpose of Network
- Advantages and Disadvantages of Network
- Network Terminologies
- Types of Network
- Network Defined by Architecture
- OSI Reference Model
- IP Addressing
- Number Systems
- Pv4 Addressing
- Internet and World Wide Web
- Introduction to Internet
- World Wide Web

Section – 3 (Duration: 16Hrs)

- What are Linux, open source software, and a distribution?
- Introduction to the shell
- Kernel and user spaces
- Orientation to the graphical user interface
- File management in Linux
- The file system hierarchy
- Editing files using Vim
- Organizing users and groups
- File permissions
- Managing software
- Configuring networking
- Controlling system startup processes
- Introduction to containers
- Overview of cockpit
- Learning more about Red Hat Enterprise Linux 8

