COMPTIA :

1. Comptia A+:

- Introduction to PC & Operating System
- Disk Operating System
- Windows 95 & 98
- Booting Sequence
- Installing and Configuring Devices
- Microprocessor & Advanced Processor
- Identify purposes and characteristics of Cabling and their connectors
- Motherboard Logics
- Configure common IDE, SCSI and Peripheral Devices
- Support Chips
- PC Memory, Mother Boards & BIOS
- Bus Standards
- Serial Ports, Parallel & USB Interface
- Mouse & Keyboard
- Floppy Disk Drive & Hard disk drive
- Backup Devices & Optical Storage Devices
- Electrical & Electronics Concepts
- Display Adapters & Monitors
- SMPS & UPS
- Printers & Scanners
- Special Peripherals Devices
- Laptop & Palmtop Computers
- Install, Configure and Upgrade Operating System
- Interpret Common Error Codes and Start-Up Messages of the OS
- Managing Application on Windows 98
- Disassembly Installation and Reassembly
- Communication & Customer Interaction
- Identify Steps to Isolate and Troubleshoot the problems
- Identify Basic Troubleshooting Procedures and Tools and Preventive measures
- Troubleshoot and Optimize the Operating System
- Multimedia & Modern
- Identify procedures for Establishing Internet Connectivity
- Computer Viruses & Anti Viruses

- Preventive Measure
  2. Comptia N+:

- Network Basics
- Recognize the following logical or physical network topologies
- Understand the networking standards
- Ethernet Technologies
- Identify the characteristics of different types of cables
- Connecting devices and identification of components
- IEEE standards
- MAC Address
- ISO/OSI Model
- TCP/IP Protocol suite
- BOOTP/DHCP/SNMP Protocols
- IP Addressing and sub netting
- WAN Technologies
- Security protocols
- Proxy servers and firewalls
- Network operating systems

- Windows   2000
  - 1   Windows   2003
  - 2   Novell   Netware
  - 3   Unix
  - 4   Linux
- Fault tolerance
- Upgrades and modifications
- Implementing the network
- Network security & remote connectivity
- Maintaining & trouble shooting the network