



CIN  
U74999DL2016PTC302872



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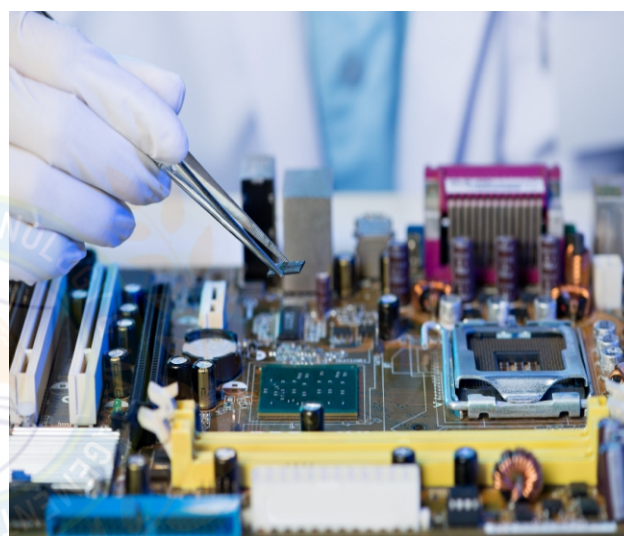


## Advance Diploma in Hardware & Networking

Duration: Twelve Months

### Module 1: Configuring Windows 7

1. Introduction of Windows 7
2. Using Disk Maintenance Tools
3. Configuring Windows 7
4. Using Control Panel
5. Using Registry Editor
6. Managing Power Option
7. Managing I/O Devices
8. Managing Printers
9. Managing Local Users,
10. Group & Utilities
11. Using the Resource Monitor
12. Using System Configuration
13. Using Advance Boot Options
14. How to Install Windows 7



### Module 2: PC Hardware

1. Identifying Electronic Components
2. Floppy Disk Drive
3. CD or DVD/R
4. Hard Disk Drive
5. SCSI Hard Disk
6. Dot Matrix, Ink Jet, Laser Printers
7. Scanner
8. Display Adaptor
9. Monitor
10. System Memory
11. Output Input Device
12. Keyboard, Mouse

### Module 3: PC Hardware Advance Guide

1. System Case
2. U.P.S.
3. Mother Board (System Board)
4. Central Processing Unit (CPU)
5. Random Access Memory and ROM
6. Switch Mode Power Supply
7. Personal Computer Assembling
8. Troubleshooting the PC  
using Beep Codes
9. Troubleshooting Boot Time  
Error Message
10. Troubleshooting a Power  
Supply Failure



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INSTITUTE OF TECHNOLOGY & MANAGEMENT

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#### **Module 4: Operating System & Network Support**

1. Introduction to The Various Cables and Operating System
2. Introduction to Windows
3. Installation of the Network Operating Systems
4. Network Services
5. DHCP (Dynamic Host Configuration Protocol)
6. Managing Network Resources



#### **Module 5: Network Fundamental and Implementation**

1. IP Addressing & Mac Address
2. Network Address Translation and Remote Access Methods
3. Remote Access Server
4. Preparing to Administer a Server
5. Wireless Technologies and Firewall
6. Proxy Server
7. Network Storage

7. Administering Internet Information Services
8. Implementing and Managing Printers
9. Managing and Monitoring Printers
10. Managing and Implementing Group Policy
11. Deploying Group Policy and GPO Management on a Domain
12. Implementing Windows Server Security
13. Managing Security Logs
14. Security Templates to Secure Computers
15. Understanding Disk Storage Options
16. Managing File Compression
17. File Encryption Quota Setting and Management
18. Backup Data, Schedule Backup and Restoring Data
19. Shadow Copies and Recovering from Server Failure

#### **Module 6: Managing and Maintaining a Windows Server**

1. Introducing Microsoft Windows Server
2. Managing Users and Computer Accounts
3. Creating Account in Domain
4. Managing Groups and Accounts
5. Managing Access to Resources
6. Auditing File System Access