



# AMA COMPUTER ACADEMY IT HARDWARE SUPPORT



**For More Detail Contact**

 **+91 9078990958**

 **+91 7735962820**



**amacomputeracademy.com**

# Hardware Support (Certificate in IT Hardware Support)

## Hardware Support



**Skills:** Identifying PC Components, Identifying System Unit Components, Identifying Storage Devices, Assembling a PC, Installing and Configuring a Printer, Troubleshooting and Maintaining Printers, Troubleshooting PC Hardware, Managing safety Hazards, Communication and Professionalism

**Tools:** PC Hardware, Hardware Monitoring Tools, Multi meters



Hardware Monitoring Tools

## Detailed Syllabus:

### Hardware Support

#### Introduction to IT Hardware

- Identifying System Unit Components
- Motherboard Overview
- Motherboards -Input-output Ports
- Motherboards Expansion Slots
- Motherboard buses
- Motherboards-CPU Sockets
- Understanding CPU Characteristics -Part 1
- Understanding CPU Characteristics -Part 2
- CPU Cooling Techniques
- Motherboards-Jumpers and Power Connectors
- Motherboards -Fans
- Multimedia Devices
- Display Cables and Connectors
- Identifying Storage Devices
- SATA Drives
- PATA Drives
- SCSI Drives
- RAID Drives -Part 1
- Understanding Laser Printers -Part 1
- Understanding Laser Printers -Part2
- Laser Printer Maintenance-Calibration & Cleaning
- Laser Printer -Toner Replacement & Maintenance Kits
- Understanding Inkjet Printers
- Inkjet Printer Cleaning and Maintenance
- Understanding Thermal Printers
- Understanding Impact Printers
- Setting up and Installing a Printer
- Installing Various Types of Hardware Components
- Assembling a PC

#### Overview of Laptop Hardware

- Laptop Hardware- Speakers, Motherboards & CPU
- Laptop Hardware-Memory & Optical Drives
- Laptop RAM and SSDs
- Laptop Components- Express Cards
- Laptop Components- Expansion Cards
- Tablets vs Laptops

## Troubleshooting IT Hardware

- Working with BIOS
- Configuring BIOS settings
- Troubleshooting Hard Drives
- Troubleshooting Printers



**ODISHA'S NO.1 ONLINE LEARNING ACADEMY**  
**TRUSTED BY 2500+ STUDENTS**  
**IN JUST 2 YEARS.**



**FOR ADMISSION CALL TO**  
**+91 9078990958 / 7735962820**

**Ama Computer Academy - Your Gateway to Govt Jobs & IT Careers.**