

# **Diploma in Computer Application - Syllabus for Six Months**

## **Syllabus for 6 Month**

### **1st. Semester**

#### **Fundamentals**

Data & Information, Computer Architecture , CPU & Memory Organization, History of Computer, Generation of Computer, I/O Devices, Number System, Logic Gates, LAN System.

#### **Operating System**

DOS , Windows

#### **MS Office**

Word  
Excel  
Power Point  
Access

#### **Tally**

Account Fundamentals  
Manual Accounts  
Computer Accounting

#### **Internet & HTML**

Fundamental, Browsing, Creating E-mail Account, Sending/Receiving E-mail etc.

### **2nd Semester**

#### **DTP**

Page Maker, Corel Draw, Photoshop

#### **Programming Languages**

VB  
C, C++

## **6 Months DCA (Diploma In Computer Application)**

# **Diploma in Computer Hardware & Networking - Syllabus for One Year**

### **Syllabus for 12 Month**

#### **1st. Semester**

##### **Fundamentals**

Data & Information, Computer Architecture , CPU & Memory Organization, History of Computer, Generation of Computer, I/O Devices, Number System, Logic Gates, LAN System.

##### **Operating System**

DOS , Windows

##### **MS Office**

Word  
Excel  
Power Point  
Access

##### **Tally**

Account Fundamentals  
Manual Accounts  
Computer Accounting

##### **Internet & HTML**

Fundamental, Browsing, Creating E-mail Account, Sending/Receiving E-mail etc.

#### **2nd Semester**

##### **DTP**

Page Maker, Corel Draw, Photoshop

##### **Programming Languages**

VB  
C, C++

### **3rd Semester**

#### **Introduction All internal devices**

Mother Board, MB Types, Expansion Slots, Processor, Memory, Hard Disk, CD-R,RW, DVD-RW. SMPS.

Introduction of Expansion Card

Assembling of Personal Computer.

#### **Installation of O/S and Application Software.**

#### **Complete introduction & Troubleshooting.**

Monitor, LCD, Keyboard, Mouse, UPS.

### **4th Semester**

#### **Introduction to Networking Components.**

Network Components

Types of Network,

Troubleshooting of Network.

#### **Diagnostic Tools of Internet & Networking.**

Downloading the Drivers from Internet

Installation Of Drivers

### **One Year - Diploma in Hardware & Networking**

#### **Required Accessories for Hardware & Networking Course (Card Level)**

1. Separate Hardware Lab.

2. Minimum two nos. Computer for Hardware Practice.
3. All generations Motherboard, Processor, Ram.
4. Expansion Card and Cables.
5. All Ports, SMPS and UPS.
6. Hard disk, Floppy disk, Pen drive, CD ROM, DVD writer.
7. Printer, Monitor, Speakers.
8. Keyboard, Mouse, Modem.
9. Installation Kit (Bootable CD, Windows CD, All Software CD.)
10. Tool Kit.

Secure Driver with all bit.  
Soldering with Solder and Paste.  
De-soldering Pump.  
Digital and Analog Multi-Meter.  
Clamping Tool.  
Hub.

## **Web Designing**

Duration	Course Contents
3 ( Three Month )	HTML, DHTML, Dream Viewer
6 (Six Month )	HTML, DHTML, Dream Viewer ( With Project Work) Flash, Php, Photoshop
12 ( Twelve Month )	HTML, DHTML, Dream Viewer ( With Project Work)

HTML, DHTML, Dream Viewer ( With Project Work)  
Flash, Php, Photoshop

HTML, DHTML, Dream Viewer ( With Project Work)

Flash, Php, Photoshop

C,C++, C#, Visual Basic, Java Script, asp.net