

## ONE YEAR DIPLOMA IN COMPUTER HARDWARE & NETWORKING

### SCHEME OF STUDY & EXAMINATION

Code No.	Subject	Theory Hrs/week	Practical Hrs/week	Marks		Total Marks
				Written	Practical	
DCHN 101	Fundamentals of Computer & Basic Electronics	3		100		100
DCHN 102	Computer Hardware & Networking	3		100		100
DCHN 103	Computer Assembling & Preventive Maintenance		6		200	200
DCHN 104	Computer Networking		3		200	200
DCHN 105	Project & VIVA		3		200	200
<b>TOTAL</b>		<b>6</b>	<b>12</b>		<b>600</b>	<b>800</b>

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

## **Syllabus for 12 Month**

### **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, Linux, Mac

### **INTERNET & HTML**

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

### **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 SOFTWARES.**

## **COMPLETE INTRODUCTION & TROUBLESHOOTING.**

Monitor,LCD

Keyboard, Mouse

UPS.

## **INTRODUCTION TO NETWORKING COMPONENTS.**

Network Components

Types of Network,

Topology

Troubleshooting of Network.

## **DIAGNOSTIC TOOLS OF INTERNET & NETWORKING.**

Downloading the Drivers from Internet

Installation Of Drivers

## **TROUBLESHOOTING**