

**PGDCTT**

**DCTT**

**POST GRADUATE DIPLOMA IN COMPUTER TEACHER TRAINING**

**FIRST SEMESTER**

**Theory I-Business Application software**

Fundamentals of computer,MS-DOS,MS-Windows,MS-Word,MS-Excel,MS-Powerpoint,Internet concepts.

**Theory II – Database Management Systems**

Or

**‘C’ Programming**

**Theory III-OPPs & RDBMS**

Object Oriented Paradigms, c++ Programming, Relational Database Management System.

**Theory IV-Visual Basic 6.0**

Control,Arrays, Interface,Advanced Programs, Database,Reports

**Pract. I- Business Application software**

**Practical II-DBMS or ‘C’ Programming**

**Practical III- OPPs & RDBMS**

**Practical IV- Visual Basic 6.0**

**SECOND SEMESTER**

**Theory I-Web Technology**

Networking concepts,Web Technology,HTML,DHTML,Internet.

**Theory II-Java** OOPs in Java, Java Programming,Exception,Threading,Applets,Streams and files,AWT

**Theory III-Advanced Java**

Java Foundation class, Network Programming,JDBC,Java Beans

**Theory IV-Teaching Skills**

**Practical I- Web Technology**

**Practical III- Advanced Java**

Software Projects using visual Basics/C++/Java,Project report submission & Viva Voce

Duration:**One Year**

Eligibility:**PGDCTT:**Any Degree **DCTT:**+2 and above

**PGDCA**

**HDCA**

**POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS**

**HIGHER DIPLOMA IN COMPUTER APPLICATIONS**

**FIRST SEMESTER**

**Theory I-Business Application software**

Fundamentals of computer,MS-DOS,MS-Windows,MS-Word,MS-Excel,MS-Powerpoint,Internet concepts.

**Theory II – ‘C’ Programming**

Introduction of ‘C’ Programming,Control Statements,Arrays,Strings,Pointers,File Management

**Practical I- Business Application software**

**Practical II- ‘C’ Programming**

**SECOND SEMESTER**

**Theory I-OOPS & RDBMS**

**Or**

**Accounting software**

**Theory II- Visual Basic 6.0**

**Practical I- OOPS & RDBMS**

**Or**

**Accounting software**

**Practical II- Visual Basic 6.0 Project:**

Visual Basic/c++,Project report submission & Viva voce

Duration:**One Year**

Eligibility:**PGDCA:**Any Degree **HDCA:**10th pass

# **DCHT CCHT**

## **DIPLOMA IN COMPUTER HARDWARE TECHNOLOGY**

## **CERTIFICATE IN COMPUTER HARDWARE TECHNOLOGY**

### **Theory I- Hardware Technology**

Fundamentals, OS, Mother Board, Microprocessor, Memory, BIOS, Inst. Pentium  
cPU, SIMM, CMOS, VDU, Harddisk, SCSI, EIDE drivers, FDD, CDROM, MODEM, USB, port, Sound  
card, DMP, Inkjet, Laser Printers, Zip drives, Inst. Windows, Office, Trouble shooting & Pc  
Assembling.

### **Practical I- Hardware Technology**

Duration: **Six months**

Eligibility: **DCHT: 10<sup>th</sup> & above, CCHT: 6<sup>th</sup> and above**

**PGDOM**

**MDOM**

**POST GRADUATE DIPLOMA IN OFFICE MANAGEMENT**

**MASTER DIPLOMA IN OFFICE MANAGEMENT**

**FIRST SEMESTER**

**Theory I-Business Application software**

Fundamentals of computer,MS-DOS,MS-Windows,MS-Word,MS-Excel,MS-Powerpoint,Internet concepts.

**Theory II – Publication software**

Page maker,CorelDraw,Photoshop

**Practical I- Business Application software**

**Practical II- Publication software**

**SECOND SEMESTER**

**Theory I-Accounting software**

Basics of Account,Accounting vouchers,Inventory Vouchers,Interest calculation,Cost centre/Categories,Budget ,Order Processing,TAX: GST TDS

**Theory II Web Technology**

Fundamentals of computer.MS-DOS,MS-Windows,Networking concepts,Web Technology, HTML, DHTML, Internet Concepts.

**Practical I- Accounting software**

**Practical II- Web Technology**

Duration:**One Year**

Eligibility:PGDOM:Any Degree MDOM:+2 & above

# DIDN

## DIPLOMA IN .NET

### **Theory I-VB.Net**

Introduction of .Net, Introduction of VB.Net, Procedure, Controls, Function, OOPs, Concepts, Forms, Components, ADO.Net, User Controls, File handling.

### **Theory I-ASP.Net**

Introduction of ASP.Net, Web form controls, HTML Server controls, Validation and login controls, ASP.Net

### **Practical I- VB.Net**

### **Practical II- ASP.Net**

Duration: **Six Months**

Eligibility: **10<sup>th</sup> pass**

# DOAS

## **DIPLOMA IN OFFICE AND ACCOUNTING SOFTWARE**

### **Theory I-Business Application software**

Fundamentals of computer,MS-DOS,MS-Windows,MS-Word,MS-Excel,MS-Powerpoint,Internet concepts.

### **Theory II-Accounting software**

Basics of Account,Accounting vouchers,Inventory Vouchers,Interest calculation,Cost centre/Categories,Budget ,Order Processing,TAX: GST TDS

### **Practical I- Business Application software**

### **Practical II- Accounting software**

Duration:**Six Months**

Eligibility:**10<sup>th</sup> pass**

# DAJP

## **DIPLOMA IN ADVANCED JAVA PROGRAMMING**

**Theory I-Java** OOPs in Java, Java Programming, Exception, Threading, Applets, Streams and files, AWT

### **Theory II-Advanced Java**

Java Foundation class, Network Programming, JDBC, Java Beans

### **Practical I- Java**

### **Practical II- Advanced Java**

Duration:**Six Months**

Eligibility:**Any Diploma**

# DOM

## **DIPLOMA OFFICE MANAGEMENT**

### **Theory I-Business Application software**

Fundamentals of computer,MS-DOS,MS-Windows,MS-Word,MS-Excel,MS-Powerpoint,Internet concepts.

### **Theory II – Publication software**

Page maker,CorelDraw,Photoshop

### **Practical I- Business Application software**

### **Practical II- Publication software**

Duration:**Six Months**

Eligibility:**10 th std &above**

# DCA

## DIPLOMA IN COMPUTER APPLICATIONS

### **Theory I - Business Application Software**

Fundamentals of Computer,MS-DOS,MS-Windows,MS-Word,MS-EXCEL,MS-Powerpoint,Internet Concepts

### **Theory II - 'C' Programming**

Introduction of 'C' ,Control Statements,Arrays, Strings, Pointers, File Management

### **Practical I – Business Application Software**

### **Practical II – 'C' Programming**

Duration :Six Months

Eligibility 10<sup>th</sup> Pass

**DIPLOMA IN ADVANCED COMPUTER PROGRAMMING**

**Theory I – OOPs & RDBMS**

Object Oriented Paradigms, C++ Programming, Relational Database Management Systems

**Theory II – Visual Basic 6.0**

Controls ,Arrays,Interfaces,Advanced Programs, Database, Reports

Ops & RDBMS

**Practical I – OOPs & RDBMS**

**Practical II – Visual Basic 6.0**

Duration :Six Months

Eligibility **10<sup>th</sup> Pass**

**CERTIFICATE IN PYTHON**

**Theory I Scripting Language – Python**

Introduction to Python, Dictionaries, Looping Statements, Python Tuple, Control Statements, Python Functions, Conditional Statement, Lists, Python Exception handling

Practical I – Scripting Language –Python Duration :Six Month Eligibility :”c” ,MS-DOS,MS-Windows,MS-Word,MS-EXCEL,MS-Powerpoint,Internet Concepts

Practical I Business Application Software

**Duration :Six months**

**Eligibility : 10<sup>th</sup> Pass**

DOPLOMA IN OFFICE AUTOMATION

**Theory I –Business Application Software**

Fundamentals of Computer MS-DOS,MS-Windows,MS-Word,MS-Excel, MS-Powerpoint,Internet concepts

**Practical I – Business Application Software**

**Duration :Six Months**

**Eligibility : 10<sup>th</sup> Pass**

**DIPLOMA IN DESKTOP PUBLISHING**

**Theory I – Publication Software**

Fundamentals of Computer, MS-DOS,MS-WINDOWS,MS-WORD,PageMaker,CorelDraw,Photoshop

**Practical I – Publication Software**

**Duration :Six Months**

**Eligibility : 10<sup>th</sup> Pass**

## **CERTIFICATE IN OFFICE APPLICATIONS**

### **Theory I –Business Application Software**

Fundamentals of Computer,MS-DOS,MS-Windows,MS-Word,MS-EXCEL,MS-Powerpoint,Internet Concepts

### **Practical I – Business Application Software**

**Duration :Six Months**

**Eligibility : 10<sup>th</sup> Pass**

### **OTHER DIPLOMA COURSES**

#### **SIX MONTH DIPLOMA COURSES**

- 1. DIM – Diploma in Multimedia**
- 2. DCNW- Diploma in Computer Networking**
- 3. DCHNW-Diploma in Computer Hardware and Networking**

#### **ONE YEAR COURSES**

- 1. HDECOM- Higher Diploma in -Commerce**
- 2. PGDECOM- Post Graduate Diploma in E-Commerce**
- 3. HDIM-Higher Diploma in multimedia**
- 4. DIT-Diploma in Information Techonology**
- 5. DCS-Diploma in Computer Science**

**DAS**

**DIPLOMA IN ACCOUNTING SOFTWARE**

**Theory I – Accounting software**

Basic of Account, Accounting Voucher, Inventory Voucher, Interest Calculation,  
Cost Centre / Categories, Budget, Order Processing, Tax :  
GST , TDS

**Practical II – Accounting software**

Duration :Six Months

Eligibility : 10<sup>th</sup> Pass

## DIPLOMA IN SOFTWARE ENGINEERING

### **Theory I - C Programming**

Introduction of 'C' ,Control Statements,Arrays, Strings, Pointers, File Management

### **Theory II - C++ Programming**

Introduction to oops & C++ Prog., Control Statements, and Arrays, Functions, User Defined Data Types, Constructors, Destructors & Operator over loading, Inheritance, Pointers & Functions, Console I/O and FM

### **Practical I – C Programming**

### **Practical II – C++ Programming**

Duration :Six Months

Eligibility : 10<sup>th</sup> Pass

## SHORT TERM COURSES

1. COA - CERTIFICATE IN OFFICE APPLICATION
2. CAS - CERTIFICATE IN ACCOUNTING SOFTWARE
3. CCP - CERTIFICATE IN C PROGRAMMING
4. CC++ - CERTIFICATE IN C++ PROGRAMMING
5. CVB.NET - CERTIFICATE IN VISUAL BASIC.NET
6. CASP.NET - CERTIFICATE IN ACTIVE SERVER PAGE.NET
7. CVB - CERTIFICATE IN VISUAL BASIC
8. CCHT - CERTIFICATE IN COMPUTER HARDWARE TECHNOLOGY
9. CCNW - CERTIFICATE IN COMPUTER NETWORKING
10. CJAVA- CERTIFICATE IN JAVA
11. CCAD - CERTIFICATE IN COMPUTER AIDED DESIGN
12. CAJAVA - CERTIFICATE IN ADVANCED JAVA

Duration : Three Months

Eligibility : 6<sup>th</sup> Pass