

Diploma in Computer Application & Designing (DCAD)

DCA

➤ **Fundamental of Computer**

Introduction of Computer, Evolution of the Computer, Computer Generations, Types of Computer, Characteristics of Computers, Classification of Computers, Basic Applications of Computer, Components of a Computer System, Computer Memories System, Input / Output Devices, Concept of Hardware & Software, Binary System, Digital Number System, Computer Virus & Vaccines / Anti-Virus, Network, IECT, E-Governance, Exercise

➤ **MS-DOS**

Introduction of MS-DOS, File Naming, Internal Commands, External Commands, Exercise

➤ **MS-Windows – 7**

Introduction, Different Versions of Windows 7, Basic Elements of Opening Screen, Elements of a window, Windows Accessories, WordPad, Notepad, MS-Paint, Calculator, Character Map, Control Panel, Switching between two windows, Searching Files/Folders, Windows Explorer, Folder, Recycle Bin, Start Menu, Use of Network, Disk Defragment, Personal Folders, Shortcut Keys, Exercise

➤ **MS-Windows - 10**

Introduction, Release, New Features, User Interface and desktop, System and Security, Online Services and functionality, Multimedia and Gaming, DirectX 12, System Requirements, Exercise.

➤ **Internet**

Introduction, WWW, Web Browsing Software, Configuring Web Browser, Search Engines, Downloading Web Page, About E-mail, Using E-mail, Handling Spam, Social Networking, Send SMS on Mobile, Exercise

➤ **Multimedia**

Introduction of Multimedia, VGA, Sound Card, Use of Removable Disk, CD/ DVD, Burning, Exercise

➤ **HTML**

Intro of HTML, Different Tags, Creating Lists, Formatting of Text, Creating Hypertext Links, Table, Exer.

➤ **Assignment & Project**

➤ **Model Questions**

MS- Office 2013

➤ **Introduction to MS-Office 2013**

Introduction of MS- Office, Installation of MS-Office, First View of Microsoft Office 2010, New File Extensions etc.

➤ **MS Word**

Intro of MS-Word, Menus, Advanced Formatting, Editing Document, Table in Document, Insert the Object, Mail Merge, Saving Document, Printing Document, Shortcuts Keys, Exercise.

➤ **MS Excel**

Introduction to MS-Excel, Menus, Operator & Functions, Cell Formatting, Working with formulas and cell referencing, Auto sum, Formatting to worksheet, Graphic Objects, Chart, Database, Sorting, Filtering, Scenario Manager, List Box, Goal Seek, Validation, Macro, Printing Worksheet, Shortcut Keys, Exercise.

➤ **MS Power point**

Introduction to MS- PowerPoint, Menus, Formatting, Drawing, Editing slides, Changing templates, Slide Layouts, Inserting Clipart, Sound and Movies into Slides, Add, Rearrange and Delete Slides, Printing in Microsoft Power Point, Understanding Animation and Action Buttons, Exercise.

➤ **MS-Access**

Introduction to MS-Access, Menus, Create a Database Using Template, Create Table, Form, Query, Report, Pages and Macro, Table Sorting and Filtering, Database Security, Exercise.

➤ **MS-Publisher**

Introduction to MS- Publisher, Menus, Create a Certificate, Greetings Card through Template.

DTP

➤ **Concept of DTP**

Introduction, Parts of a letter, Hardware Requirements, Beginning a Design, Small Advertisement, Exe.

➤ **Adobe PageMaker 7**

Introduction, Features, PageMaker 7 Program Window, Working in PageMaker, Working with Text, Importing Text, Importing Graphics, Saving the Publication, Closing the Publication, The Story Editor, Correcting Mistakes, Changing the Font, Aligning the Text or Paragraph, Style Sheets, Bullets and Numbering, Indents, Tab Stops, Auto Flow, Master Pages, Working with Columns, Getting Familiar with Graphics, Cropping a Graphics, Grouping and Ungrouping Elements, Lock Objects, Links, Table of Contents, Printing a Publication, Exercise.

➤ **Adobe Photoshop CS**

Introduction, Getting Started with Photoshop, Opening an Existing File, The Photoshop Program Window, The Toolbox, Creating a New File, Saving Files, Reverting Files, Closing Files, Bitmap and Vector Images, Editing Images, Color Modes, The Color Picker Palette, The Selection Tools, The Lasso Tools, The Magic Wand Tool, The Grow and Similar Command, Moving a Selection, Filing Selection, Transforming Selection, Inverting a Selection, The Painting Tools, The History Palette, The Gradient Tool, The Paint Bucket Tool, The Editing Tools, The Eraser Tools, Layers, Layer Effects, Type, Filter, Exercise.

➤ **Corel Draw X5**

Introduction, Getting Started with CorelDraw, The Corel DRAW Screen, Work Area and Printable Page, Toolbox, Drawing Basic Geometric Figures, Saving a File, Closing a File, Views, Getting Started with the Project, Getting Started with the Book Cover, Bitmap and Vector Images, Importing/Exporting Images, Changing the Page Size, Changing the Page Background, Exercise.

➤ **Scanning, Use of Digital Camera, Printing Works**

➤ **Assignment & Project**

Course Code:- LT05

Duration:- Nine Months

