



अखिल भारतीय सूचना प्रौद्योगिकी संगठन

All India Information Technology Association

New Delhi

WORK RELATED TO MINISTRY OF INFORMATION TECHNOLOGY (GOVT. OF INDIA)

DIPLOMA IN DIGITAL ART

Eligibility : 10th

Course Code : DP-05

Duration : 6 Months

Computer Concepts

Introduction To Computers , Types Of Computer , History Of Computer , Generation Of Computer , PC & Its Components , Disk Defragmentor , Categories Of PC , Evolution Of Micro Processors , Registers Of Micro Processors , Basic Components Of Computer System , Input Output & Storage Units , Software , Types Of Software , Types Of Operating System , Categories Of OS , Example Of Utility Program , Programming Languages , Generations Of Programming Language , Application Software , User & Example Of Application Software , Viruses , Types Of Virus , Virus Detection & Prevention , Communication Process , Communication Protocols , Communication Channel/Media , Modem , Components Of LAN , Types Of Internet Connections , Internet & Its Advantages , Internet Services , WWW & Common Technologies of Internet

Windows

Windows XP :- Introduction To Window XP And Its Features , Hardware Requirements Of Windows , Window Structure, Desktop, Taskbar, Start Menu , Working , With Recycle Bin – Restoring A Deleted File , Emptying The Recycle Bin , Managing Files, Folders And Disk Navigating Between Folders , Manipulating Files And Folders , Creating New Folder , Searching Files And Folder My Computer Exploring Hard Disk , Copying And Moving Files And Folder from One Drive To Another Formatting Floppy Drive , Windows Accessories- Calculator , Notepad , Paint , Wordpad , Character Map, Paint

Windows Fundamental :- Windows is an operating system , XP Home Edition , XP Professional Edition , Active desktop , Multi user account , Data protection features , Playing MP3 Sound and XP , Windows desktop fundamental , Desktop , Taskbar , Icons , My computer , My Document , Recycle bin , Folder

INTERNET

Introduction to HTML :- Introduction to html , HTML element and tags , Evolution of HTML , Creating HTML document , Body element , Block formatting element , Heading element , Marquee element , Paragraph element , List element , Anchor element , Graphics element , Table element , Form element , Frame element

Java Script :- Introduction to java script , Event in java script , Script element , Functions in java script , variables , Operators , Comment Indicator , Conditional branching Statement , The switch Statement , Loops , Arrays , System defined function , Catching Errors , Cookies , Event handles , Object Hierarchy model



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VB Script :-- Introduction to VB Script , Variables , Operators , Conditional branching statement , Conversion functions , Predefined functions , String handling functions , Data type functions , Date Function

Dynamic HTML :-- DHTML features , Event , DHTML property , Example of DHTML , Style Sheet , Cursor CSS properties , The inner HTML property , The Div element , Text Positioning , Multi media effects

Macromedia Dream viewer

Coreldraw

Introduction to corel draw , Toolbars , Components of Corel draw

What is New in edit Menu :-- Introduction to corel draw , Duplicate , Clone

View menu :-- Full screen Preview , Grid and ruler setup

Layout Menu :-- Insert page , Delete page , Switching page Orientation , Page setup

Arrange menu :-- Introduction , Transformation , Order , Behind , Group , Shaping

Effects Menu :-- Adjust , Transform , Artistic Media , Contour , Extrude

Bitmap Menu :-- convert to bitmap , Mode , 3d Effect

Art Strokes :-- Charcol , Pastels , Pen & ink , Scrap oared , Sketchpad , Watercolor , Blur , Smooth , Color transform , Halftone

Art Stockes :-- Edge Detect , Find edge

Creative :-- Crafts , Glass black , Sample glass

Distort :-- Blocks , swirl

Noice :-- Add Noice

Text menu :-- Edit text , Fit text to path

Tools & windows

Photoshop

Introduction to Photoshop , About work area , Toolbox overview

File menu :-- What is new in file

Edit menu :-- What is s new in file , Transform & Patten

Image menu :-- Mode , Rotate image

Layer menu :-- New layer , Layer styles , New fill layer , Add layer mask

Select menu :-- Inverse , Feather , Modify , Grow

Filter menu :-- Extract , Artistic , Blur , Brush stroke , Distort , Pixel ate , Render , Sharpen , Sketch

Adobe Illustrator

Graphics Overview :-- Raster graphics , Vector graphics , Printing graphics

Creating new drawings & opening old ones

Page set up :-- Rulers , grids and guidelines , Smart Guides , Smart guide preferences , One last guide to set

Selecting an object



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Templates

Viewing your work :-- Document info , Annotating an object

Illustrator's Design Tools :-- Grid , Artboard/Workspace

Bounding Box

Setting preferences/customizing :-- Keyboard Shortcuts

Saving your work

Exporting your work as a bitmap

Adobe Bridge

Special Focus Lecture :-- Navigation or "Where the heck did that drawing go?" , Offsetting an object

Tools

Toolbars :-- Default toolbar

Let's Play :-- Drawing, selecting/deselecting, moving objects & manipulating object center points , Shapes , Drawing lines, curves, arcs

Pen Tool Paths :-- Straight segments , Smooth points , Non-continuous curve

Working with Anchor Points :-- Adjusting as you draw

Setting Line Measurements & Validating for Errors :-- Setting line measurements , Attributes Palette

Manipulating lines - Direct Select Tool

Manipulating lines - Width Tool

Filling & outlining

The Pencil Tool Set :-- Pencil Tool , Smooth Tool , Erase Tool

The Brush Tool :-- Brush options , Brush types - art, calligraphic, pattern, scatter, blob bristle Working with symbol libraries

Undo the deed :-- Get me outta this!

Special Focus Lectures :-- Pen Tool , Symbols

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