

## WEB PUBLISHING

- 1 Name : WEB PUBLISHING
2. Sector : **Information & Communication Technology (ICT)**
3. Code : **ICT 220**
4. Entry Qualification : SSC Passed & having completed the course on computer Fundamentals, MS Office, Internet & soft skills.
5. Terminal Competency: After completion of training, participants would be able to
- Able to design interactive Web sites ,
  - Create visually appealing web layouts.
6. Duration : 270 hrs
7. Contents given below

<b>Practical Competencies</b>	<b>Underpinning Knowledge(Theory)</b>
<p><b>Computer Graphics</b>            Know the difference between Vector Graphics and Raster Graphics.            Know the difference between Screen Graphics and Pixel Graphics.            Understand the following formats :-            .ai, .pdf, .eps, .svg, .svgz, .psd, .bmp, .gif, .jpg, .pcx, .pct, .png, .raw, .sct, .tga, .tiff, .vst.</p> <p><b>Design Principles &amp; Color Harmony</b>            Introduction to colors □            Primary and Secondary in both RGB &amp; CMYK schemes/modes.            Importance of each primary and secondary color.            Proper Application of colors.            Analyze colors applied in different print media.            Visualize look and feel of a print or a web to apply colors</p> <p><b>Web Design Basics</b>            Open web pages using URL and domain name. Save web pages. Store web pages as favorites. Use search engines to find sites offering free Email services. Create Email account. Send Email. Copy received Email. Copy/Print received mail. Send Email with attachment. Open/Download attachments. Set-up for Chat. Practice chatting.            Practice chatting with Video. Join News group.</p> <p><b>Typography</b>            Study different fonts and typo issues with Web design</p>	<p>Understanding how images are formed, image file formats and their properties</p> <p>Understanding Design principles and color theory</p> <p>Knowledge of Internet, Web design techniques and study of designs as per content</p> <p>Understanding the use of various fonts and typo issues with Web design</p> <p>Understanding design issues in Web medium and visualizing intuiting web designs</p>

<p><b>Digital Imaging</b>  Working with Images in Photoshop.  Working with Palettes, i.e., layers palette, navigator palette, info palette, color palette, Swatches palette, Styles palette, History palette, Actions Palette, Tool preset palette, Channels Palette and Path Palette.  Working with Layers. Photo editing.  Image adjustment options – Labels, Auto labels, Auto contrasts, Curves, Color balance, Brightness / Contrast, Posterize , Variations.  Preparing the file and work area.  Creating different shapes.  Creating three Dimensional effects using Layers. Working with the magic wand tool and lasso tool. Creating images using Symbol Sprayer Tool. Edit the images using options of Warp Tool . Using Dodge tool, Burn tool, Sponge Tool and Clone Stamp Tool.  Editing Selections. Creating images and giving special effects using Filters. Using Layer Styles. Produce an image by mixing two or more different images using Layer Masking &amp; Vector Masking.  <b>Web Publishing using Dreamweaver</b>  Design Professional Web Layouts, Author and Publish websites on the internet</p>	<p>Design Professional Web Layouts, Author and Publish websites on the internet using Dreamweaver</p>
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**LIST OF TOOLS & EQUIPMENTS**

- a) Hardware: Pentium IV PCs, (Multi media Enabled, and Windows XP), Scanner, Printer
- b) Software: MS word, Corel Draw12, Adobe Photoshop CS3 and Adobe PageMaker 7.0 and Adobe Dreamweaver