**Module-2 (Adobe Photoshop for Layouting)**

1. Use of photoshop

**Ans: -** Photoshop is used for photo editing, graphic design, web design, image manipulation, restoration and retouching. It also has some powerful tools for adjusting, enhancing and create visual content.

1. Tools

**Ans: -** Photoshop have so many tools for various tasks and for editing and create images such as.

1. Move tool.
2. Marquee tool.
3. Lasso tool.
4. Crop tool.
5. Brush tool.
6. Magic wand tool.
7. Clone tool.
8. Eraser tool.
9. Gradient tool.
10. Text tool.
11. Pen tool.
12. Shape tool.
13. Healing brush tool.
14. Image Editing

**Ans: -** Image Editing in Photoshop involves adjusting colors & tones, applying filters, cropping, and use of layers and masks to modify photos.

1. Masking

**Ans: -** Masking helps us to hide or reveal parts of a layer and it also allow us for editing photo without altering.

1. Text Effects

**Ans: -** There are different types of Text effects in Photoshop to stylize text and enhance to design such as.

* Drop Shadow.
* Gradient Overlay.
* Outer Glow.
* Inner Glow.
* Pattern Overlay.
* Stroke.
* Bevel & emboss.

1. Marquee tools

**Ans: -** There are 3 types of Marquees Tools in Photoshop used for selecting specific areas of an image.

* Rectangular Marquee Tool use to select rectangular areas.
* Single Row & Single Column Marquee Tool helps us to select single row and column of pixels.
* Elliptical Marquee Tool use to select circular areas of an image.

1. Clone Tools

**Ans: -** Clone Tools in photoshop used to duplicate parts of an image. They include the Clone Stamp tool for copying pixels and the Pattern Stamp Tool for painting with patterns.

1. User interface of photoshop

**Ans: -** User interface of Photoshop allows us to access to Photoshop’s features and tools such as.

* Menu Bar: Provides access to functions and tools.
* Toolbox: Contains tools for editing and selecting.
* Options Bar: Shows options for selected tool.
* Workspace: The central area where images are edited.
* Panels: Includes layers, adjustments, pattern and other tools.

1. Concept of Layers

**Ans: -** Concept of Layers in Photoshop is to stack transparent sheets on each other, allowing us to work on different parts of an image separately. Each layer contains different contents such as text, shapes, images that can adjust, hide or delete individual layers without affecting other parts of image. It also helps to manage complex edits and to keep original image intact.

1. Images like old images

**Ans: -** To edit an old image in Photoshop there are many steps that helps us to restore old images effectively and the steps are as follow.

1. Scan The Image.
2. Remove Damage of image using healing brush and clone stamp tool to fix scratches and stains.
3. Adjust Colors using Levels and Color Balance.
4. Enhance Sharpness to improve clarity.
5. Resize and Crop to adjust image size and remove unwanted areas.
6. Create a Wallpaper

**Ans: -** To create a wallpaper in Photoshop first of all set the document size according to your screen resolution then after design your layout by adding elements and save your work as PSD file for future edits and save it as a JPEG or PNG file format to use as a wallpaper.

1. Black n White old Photos to Color

**Ans: -** There is a method to colorize a black and white photo in Photoshop.

1. Convert to RGB Mode by going to Image> Mode> RGB color.
2. Create a New Layer for each color you want to add.
3. Paint colors on the new layers by the use of Brush tool to soft brushes.
4. Change the layer’s blending mode to Color by selecting Set Blending Mode.
5. Use Hue/Saturation and Levels to adjust colors of image.
6. Merge the color layers with the original image if satisfied.
7. Grids and Guides

**Ans: -** Grids in Photoshop helps to align by showing a grid overlay, and Guides are a customizable line which can be drag from rulers to assist with precise placement.

1. Creating social media icons

**Ans: -** To create social media icons, start with a square document then use shape tool to create shape of icon and fill it with color you want then insert the logo as png within the shape and apply layer style for depth.

1. Magazine Cover page

**Ans: -** To create a Magazine Cover Page in Photoshop there are few steps.

1. Create a new file of 8.5x11 inches, 300Dpi.
2. Fill the background with color or a gradient, and import a high-quality image and position and resize the image as you want.
3. Use Text tool for magazine title and headlines.
4. Add shapes and color blocks for design and for better readability.
5. Give a final touchup and ensure alignment.
6. And save as PSD file when its ready.
7. Layer Masking

**Ans: -** Layer Masking in Photoshop used to hide or reveal parts of a layer using a mask that paint on with black to hide and white to reveal the parts.

1. Matte Painting / Image Manipulation

**Ans: -** Matte Painting mainly used to create an detailed backgrounds for games, film by using digital painting techniques. Whereas, Image Manipulation involves altering or combining photos to change their appearance. Therefore, matte painting is about creating new scenes, while image manipulation is for modifying existing ones.

1. Shape tool

**Ans: -** The Shape tool in Photoshop is used to create geometric shapes like rectangles, circle, polygons and custom shapes. We can get this tool from Toolbox and we can also fill customizable colors and apply various layer styles in shapes.

1. Effects

**Ans: -** Effects in Photoshop applied to alter images for depth, texture, and visual interest in designs such as.

* Drop Shadow.
* Bevel and Emboss.
* Gradient Overlay.
* Pattern Overlay.
* Satin.
* Inner Glow and Outer Glow.

1. Vanishing Point

**Ans: -** Vanishing Point in Photoshop helps us to align and edit objects in a proper way by defining a perspective grid of an image.

1. Mockup Creation of all Designs

**Ans: -** To create a mockup creation in Photoshop firstly create a new document, then place your design in document, then adjust and align the position and size of the design, then apply effects to the design to visual naturally and at last save your file when it is done. This process helps us to look our design like real-world scenarios.

1. Passport Size image creation

**Ans: -** To create a passport-sized image in Photoshop, set the document size to 2x2 inches, then import the image and adjust to fit in the document, then crop to correct size and save the image.

1. Image Slicing

**Ans: -** Image Slicing in Photoshop apart an image into smaller sections for web use by using the Slice tool to create and adjust slices.

1. Miniatures Creating

**Ans: -** Miniature creating is the art of making small-scale models of real-life objects or scenes. These can include buildings, figures, or dioramas, usually built to specific scales like 1:12. It involves using materials like wood, foam, and clay, focusing on detail and realism.