



**Karmaveer Bhaurao Patil University,  
Satara**

**Syllabus for**

**Skill Level 4 (Photoshop Designer)**

**Under**

**Faculty of Science and Technology**

**(As per NEP 2020)**

**With effect from Academic Year 2024-2025**

# SKILL DEVELOPMENT PROGRAM

## Title of Skill Course: Photoshop Designer

1. Department: Computer Science (Entire)
2. Title: Basics in Photoshop Designer (Sem-I)
3. Sector: IT
4. Year of implementation: 2024

### Course Structure

Skill Level	Theory Hours	Practical Hours	Total Hours	Credits	No. of students in batch
4	15	30	45	02	30

### Syllabus

#### Course Objective: Students should be able to...

1. learn how to use Photoshop.
2. learn the basics so that you can complete fundamental tasks
3. learn how to make use of more features that will make your Photographs pieces of art.

### Theory Syllabus (Contact Hrs.: 15, Credits: 01)

#### Unit I: Role and Responsibilities

(07)

Nature of working relationship, Duties and responsibilities, Government policies or company policies for job role, document writing and their record management, Activity plan, introducing Adobe Photoshop

#### Unit II: Photoshop Basics

(08)

Introduction, Photoshop versions, Hardware requirement for Photoshop, installation process of Photoshop, Open Photoshop, create new file, save file, export file to JPEG, and pdf, edit image resize image, Adjust color/ brightness, Adding text to image, removing unwanted objects from a photo, Exploring filters

### **Practical's (Contact Hrs: 24hrs, Credits: 01)**

1. Downloading and installing Photoshop
2. Use Photoshop to make basic changes in image
3. Adding Image in Photoshop
4. Edit image Resize image
5. Export pdf and JPEG
6. Crop Image using Photoshop
7. Adjust Brightness of the image
8. Add text over image
9. Remove unwanted part of given image
10. Use different filters available in Photoshop on a image.

### **Industrial Visit (Contact Hrs: 6 Hrs)**

#### **Course Outcome: Students will be able to...**

1. identify and describe the major functions of Photoshop CS4.
2. work and manipulate images, Resize and Crop images.
3. work with basic selections tools.
4. create, edit, and delete images using tools.

#### **References:**

1. Mastering Adobe Photoshop Elements 2020: Supercharge your image editing using the latest features and techniques in Photoshop Elements, 2nd Edition by [Robin Nichol](#)
2. Adobe Photoshop: A Complete Course and Compendium of Features Paperback – by [Stephen Laskevitch](#)

### **BOS Sub Committee**

<b>Sr No</b>	<b>Name Of Member</b>	<b>Designation</b>
1	Mr. R.P. Waghmare	Chairman
2	Ms. M.S. Nawadkar	Member
3	Ms. Pradnya Doke	Academic Expert
4	Mr. Ajay Salunkhe	Industrial Expert

# SKILL DEVELOPMENT PROGRAM

## Title of Skill Course: Photoshop Designer

1. Department: Computer Science(Entire)
2. Title: Advances in Photoshop Designer (Sem-II)
3. Sector: IT
4. Year of implementation: 2024

### Course Structure

Skill Level	Theory Hours	Practical Hours	Total Hours	Credits	No. of students in batch
4	15	30	45	02	30

### Syllabus

#### Course Objective: Students should be able to...

1. learn how to use Photoshop.
2. learn the basics so that you can complete fundamental tasks
3. learn how to make use of more features that will make your Photographs pieces of art.

### Theory Syllabus (Contact Hrs.: 15, Credits: 01)

#### Unit I: Photoshop introduction

(07)

Theory on graphic designing, Toolbar, Menu Bar, Options Bar, Toolbox All New, Opening an Existing File, Screen Modes, Creating a New Document, Saving Files, Reverting Files, Closing Files and Quitting Photoshop. Selecting Workspace, keyboard Shortcuts and Menu, File Handling Preferences and cursor Preferences, Understanding Image Resolution, Understanding Pixel Logic, Changing the Resolution of an Image, Changing the Size of a Document, Editing Images, Rotating an Image, Cropping an Image, Hiding an Image Instead of Cropping, Duplicating an Image. Morph, Merge and Overlap the images, masking image.

#### Unit II: Working with Selections and Tools

(08)

Working with Selection Tools, Marquee Tools, Lasso Tools, Magic Wand Tool, Making a Selection Based on Colour Range, Modifying a Selection, Pen Tool, Paint Bucket Tool, Brush Tool, Pencil Tool, Colour Replacement Tool, Retouching Tools, Spot Healing Brush Tool, Healing Brush Tool, Patch Tool, Clone Stamp Tool, Pattern Stamp Tool, Eraser Tools, Background Eraser & Magic Eraser Tool, Blur Tool, Sharpen Tool, Smudge Tool, Dodge Tool, Burn and Sponge Tool, crop and slice tool, blur sharpen and smudge, Gradient and paint bucket tool, Colour picker tool. Type/text tool

### **Practical's (Contact Hrs: 30, Credits: 01)**

1. Explore all types of Marquee tool
2. Implement Lasso tool
3. Use paint bucket tool and gradient tool
4. Use pen tool, clone stamp tool
5. Try working with object selection and eyedropper tool
6. Convert the given image to a pencil sketch.
7. Mask the background image given through your name.
8. Import two pictures, one that of sea and another of clouds. Morph, Merge and Overlap the images.
9. Import 4 pictures and mix all pictures to make one picture.
10. Create Invitation card for any event.

### **Industrial Visit (Contact Hrs: 6 Hrs)**

#### **Course Outcome: Students will be able to...**

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