



# ST. ALOYSIUS COLLEGE(AUTONOMOUS), JABALPUR

Reaccredited 'A+' Grade by NAAC(CGPA:3.68/4.00)

College with Potential for Excellence by UGC

DST-FIST Supported & STAR College Scheme by DBT

## Faculty of Science

BBA/BCA/BA/B.Sc./B. Com

V Semester

Paper-Vocational

Desktop Publishing with Photoshop

### Course Outcomes

CO. No.	Course Outcomes	Cognitive Level
CO 1	Gain in depth knowledge of Photoshop and its practical Applications.	U, A
CO 2	Apply various concepts of Photoshop for Desktop publishing and gain knowledge of various types of images formats.	A
CO 3	Gain deep insights of applicability of various types of tools available in Photoshop	U, A
CO 4	Understand about Layers, Styles, Filters and Printing in Photoshop	A
CO 5	Build Flyers, Posters, graphic design, web design and images using Photoshop.	A, An

### Credit and Marking Scheme

	Credits	Marks		Total Marks
		Internal	External	
<b>Theory</b>	2	40	60	100
<b>Practical</b>	2	40	60	100
<b>Total</b>	4			200

### Evaluation Scheme

	Marks	
	Internal	External
<b>Theory</b>	3 Internal Exams of 20 Marks (During the Semester) (Best 2 will be taken)	1 External Exams (At the End of Semester)
<b>Practical</b>	3 Internal Exams (During the Semester) (Best 2 will be taken)	1 External Exams (At the End of Semester)





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## Content of the Course

### Theory

No. of Lectures (in hours per week): 2 Hrs. per week

Total No. of Lectures: 60 Hrs.

Maximum Marks: 60

Units	Topics	No. of Lectures
I	Basics of Photoshop : Introduction, Selecting a Workspace, Managing Palettes, Changing the Position of a Palette Group, Working with Keyboard Shortcuts and Menu Settings, Working with Images :Types of Image Formats, Bitmap and Vector Images, Understanding the Image Resolution, About the Pixel Logic, Understanding the Image Size, Editing Images, Rotating an Image, Cropping an Image, Hiding Instead of Cropping, Duplicating an Image, Color Mode, RGB Mode, CMYK, Gray scale Mode, HSB Mode Making Color Adjustments Levels, Curves, Brightness/Contrast, Hue/Saturation, Variations.	5
II	Creating and transforming the selections: Using Selections Tools, The Marquee Tools, Lasso Tools, Magic Wand Tool, Making Color Range Selections, Modifying a Selection, Adding and Subtracting Selection, Expand and Contract Commands, Grow and Similar Commands, Transforming a Selection, Scale, Rotate, Distort, Skew, Perspective, and Warp, Saving and Loading Selection	5
III	Drawing Painting and Retouching Tools: Setting the Current Foreground and Background Colors, Color Picker Dialog Box ,Eyedropper Tool, Color Palette, Drawing Tools Using the Rectangle Tool, Using the Custom Shape Tool, Pen Tool, Painting Tools, Gradient Tool, Paint Bucket Tool, Brush Tool, Pencil Tool, The Color Replacement Tool, Retouching Tools, Spot Healing Brush Tool, Healing Brush Tool, Patch Tool, Clone Stamp Tool, Pattern Stamp Tool, Eraser Tool, Background Eraser Tool The Magic Eraser Tool, Blur Tool, Sharpen Tool, Smudge Tool, Dodge Tool, Bum Tool, Sponge Tool.	10
IV	Layers, Styles, Filters and Printing in Photoshop : About the Layers Palette, Working with Layers, Creating a New Layer Using the Layer via Cut Command, Creating a New Layer Using the Layer via Copy Command, Merging Layers, Flattening Images, Moving Layers between Images, Linking and Unlinking Layers, Working with Adjustment Layers, Applying Blend Modes, Masking Layers, Smart Objects and Filters, Editing Smart Object, The Filter Gallery, Applying the Extract Filter, Applying the Liquefy Filter, Applying the Artistic Filters, Applying the Blur Filters, Applying the Brush Stroke Filters, Applying the Distort Filters, Applying the Noise Filters, Applying the Pixilated Filters, Applying the Render, Filters Printing in Photoshop: The Paths to Illustrator Command, Printing in Photoshop, Page Setup, Various Print Commands in Photoshop.	10



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## References

### Text Books

1. Adobe Photoshop CC Classroom in a Book by Faulkner Andrew and Chavez Conrad
2. Adobe Photoshop CS6 Bible by Brad Dayley and Lisa Danae Dayley
3. Photoshop CS6 Training Guide by Saish Jain
4. Beginner's Guide to Digital Painting in Photoshop by Nykolai Aleksander and Richard
5. Tilbury
6. Adobe Photoshop develop by Staff of Adobe
7. Adobe Photoshop CS2 Classroom in a Book(2020), Adobe Press

### Suggested Web Links

- <https://www.youtube.com/watch?v=Q3Wa09eZW3w>
- <https://www.youtube.com/watch?v=qvQie2QP5Vg>
- <https://www.youtube.com/watch?v=3Y8YSO1AcHQ&list=PLx>
- [https://www.youtube.com/watch?v=IyR\\_uYsRdPs](https://www.youtube.com/watch?v=IyR_uYsRdPs)
- <https://www.skillshare.com/en/browse/adobe-photoshop>
- <https://www.youtube.com/watch?v=ZbvLJ5XtPpA>



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## List of Practical

1. Edit, rotate, crop images using Photoshop.
2. Use color modes in Photoshop.
3. Making Color Adjustments Levels in Photoshop.
4. Use Print Commands in Photoshop
5. Use Page set up for printing in Photoshop.
6. Create advertisement and wallpapers using Photoshop
7. Design animations and create web galleries.
8. Apply various selection tools for selections on image
9. Use different tools to select a color range, make your selections more/less precise and the movements to vertical/horizontal
10. Make a gradiation of colors, foreground color and background color.
11. Create New Layer in Photoshop
12. Use Layer Options Menu in Photoshop.
13. Apply different layer styles.
14. Use filter gallery and apply different filters.
15. Apply Retouching Tools in Photoshop.
16. Customize shape and use Transform, Scale, Rotate, Distort, Skew.
17. Auto Blend Layers, Auto Align layers, RGB or grayscale images
18. Use various drawing painting tools.
19. Design brochures in Photoshop
20. Build logos in Photoshop

