

JSS COLLEGE FOR WOMEN (Autonomous)
Saraswathipuram Mysore-9

Choice Based Credit System
CBCS Scheme
VAP in Graphic Design
(2021-22)

DEPARTMENT OF COMPUTER SCIENCE

Proposed Regulations for the Career Oriented Program in Graphic Design

Preamble

The course of study for the career oriented program is an add-on course. Any Degree student of the college may be admitted. The rules and regulations for admission for the course shall be in accordance with those framed by the college from time to time.

The course of study is taught in two years under semester scheme. The first year course is entitled “CERTIFICATE COURSE IN Graphic Design”. It shall be of one academic year with two semesters/term of 15weeks each.

The second year course is entitled “DIPLOMA COURSE IN Graphic Design”. It shall be of one academic year with two semesters/term of 15 weeks each. However, to join this course the candidate should have completed the Certificate course.

A candidate is awarded with the respective certificates at the end of each course with marks obtained.

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SARASWATHIPURAM MYSURU-570009

CBCS Syllabus – COP in Graphic Design for 2021-2022 onwards

Year	Sem	Corse	Title	Hours / Week			Credits			Maximum Marks						Exam Duration	Total Marks
										Th IA		Pr IA		Exam			
				L	T	P	L	T	P	C1	C2	C1	C2	Th	Pr		
I	I	DSC 1	Introduction to Adobe Photoshop	2	0	2	2	0	1	05	05	05	05	60	20	2 Hours	100
	II	DSC 2	Working with history panel and bridges in Photoshop	2	0	2	2	0	1	05	05	05	05	60	20	2 Hours	100
II	III	DSC 3	Working with camera raw images	2	0	2	2	0	1	05	05	05	05	60	20	2 Hours	100
	IV	DSC 4	Enhancing and correcting images	2	0	2	2	0	1	05	05	05	05	60	20	2 Hours	100

Proposed syllabus for the Certificate course in Graphic Design:-

SEMESTER-I

Credit (L: T: P = 2: 0: 1)

DSC 1:

Introduction to Adobe Photoshop

Unit – 1

Introducing Adobe Photoshop CS6:

Discovering the Versatile World of Photoshop, Knowing when to use Photoshop, Understanding the limitations of Photoshop, Looking at what is New in Photoshop CS6.

Exploring the Photoshop Workspace: Touring the Workspace, Exploring the Photoshop Menu Bar, Understanding the Layer menu, Examining the Type menu, Using the Select menu, Exploring the Filter menu, Understanding the 3D menu, Using the View menu, Exploring the Window menu, Using the Help menu, Exploring Panels, Understanding the Tools in the Toolbox, Configuring Presets , Setting Preferences, Customizing Shortcuts and Menus.

Unit – 2

Exploring File types in photo shop: Creating and Opening Images, Resizing Files and Adjusting Resolution, Cropping and Straightening Images.

Understanding Colors, Histograms, Levels, and Curves: Knowing Color Basics, Understanding Channels and Levels, Adjusting with Histograms, Working in Different Color Modes, Choosing Colors.

SEMESTER-II
Credit (L: T: P = 2: 0: 1)
DSC 1:

Working with History Panel and Bridges in Photoshop

UNIT I: Applying History and Actions

Understanding, Photoshop's Non-Destructive Features: Using the History Panel, Painting from history.

Creating and Using Automated Actions: Understanding the Actions panel, Loading existing action sets, Creating custom actions, Editing actions, Playing actions, Managing the action list

UNIT II: Using Bridge to Organize and Process Files

Working in the Bridge Workspaces: Examining the Bridge utility, using the Bridge workspaces,

Organizing Files in Bridge: Importing images from cameras and card readers, Working with image metadata, Assigning ratings and labels to files, Assigning keywords to files, Renaming files, Finding files, Using collections, Creating collections, Creating stacks, Deleting versus rejecting files.

Processing Images Using Bridge and Photoshop: Opening images in Photoshop, Processing Multiple Files, Using the Batch Interface, Using the Image Processor Interface, Merging photos, Creating PDFs and Web Galleries, Using the Mini-Bridge Tool in Photoshop

SEMESTER-III
Credit (L: T: P = 2: 0: 1)
DSC 1:

Working with Camera Raw Images

UNIT I: Exploring Camera Raw Basics

Looking at Camera Raw Benefits, Keeping original CMOS information editing non-destructively saving time Understanding Camera Raw File Types Creating an XMP sidebar file

Converting RAW formats to DNG files Opening Images in Camera Raw Getting to Know the Camera Raw Workspace Changing Your Workflow Options Setting the color space Choosing a bit depth Adjusting image size Setting the resolution Applying output sharpening Opening images as Smart Objects Setting Preferences Saving images Changing image settings. Applying Sharpening Changing the default image settings modifying the Camera Raw cache Handling DNG files Handling JPEG and TIFF file formats using the Camera Raw Panel Menu Creating Snapshots Saving Presets Exporting Camera Raw Files

UNIT II: Processing Photos with Camera Raw

Getting to Know the Camera Raw Tools Synchronizing Adjustments in Multiple RAW Images Adjusting the White Balance Using the White Balance tool changing the lighting settings using the Temperature and Tint sliders Adjusting Lighting Adjusting Color and Clarity

Tweaking clarity, vibrancies, and saturation .Adjusting the Tone Curve the Parametric panel

The Point tab Adjusting hue, saturation, and luminance Hue adjustments Saturation adjustments Luminance adjustments creating a grayscale photo. Using Split Toning Correcting and Retouching. Cloning and spot removal Removing red-eye using the Adjustment Brush Setting the Mask options using the pins Setting the Brush options Setting the Adjustment options Creating a Graduated Filter. Creating Artistic Effects. Adding grain to your image adding a vignette Correcting Camera Quirks Making lens corrections. Setting camera calibration Reducing Noise and Adjusting Sharpness. Reducing noise. Sharpening

SEMESTER-IV
Credit (L: T: P = 2: 0: 1)
DSC 1:

Enhancing and correcting Images

UNIT I: Optimizing Adjustment Workflow Understanding Workflow Making Auto Adjustments Creating Adjustment Layers Making Adjustments Using the Properties Panel

Lighting and Color Adjustments Applying Quick Adjustments to Light and Color Adjusting brightness and contrast versus exposure Using the Brightness/Contrast tool to adjust lighting Using the Exposure tool to adjust lighting Changing the color balance Making selective color adjustments

UNIT II: Applying Photo Filter to images replacing specific colors using the Variations tool

Changing the shadows and highlights in images fixing shadows. Fixing highlights Adjusting after shadows or highlights are corrected Creating customized black-and-white photos, Fine-Tuning Hue and Saturation Using the Hue/Saturation tool Adjusting the hue and saturation to make colors pop Adjusting Levels, Using the Levels adjustment tool Configuring the Auto Levels adjustment, Adjusting levels to increase detail in images Making Adjustments with Curves, Using the Curves tool, Configuring the Curves tool, Configuring the Auto Curves tool Adjusting the curve to correct color and contrast in images Using the Match Color Tool to Change Colors Working with HDR Images. Creating HDR images Converting HDR images to 8 bits per channel

Question Paper Pattern

Theory (1 or 2 Credits)

Time: 2 Hours

Max. Marks: 50

Part – A

I. Answer all Questions.

05 X 02 = 10

- 1.**
- 2.**
- 3.**
- 4.**
- 5.**

Part - B

II. Answer any Four Questions.

4 X 10 =40

- 6.**
- 7.**
- 8.**
- 9.**
- 10.**
- 11.**