CERTIFICATE COURSE IN MULTIMEDIA WITH BASIC ANIMATION

(6 Months)

STATE BOARD OF TECHNICAL EDUCATION AND TRAINING

SANKETHIKA VIDYA BHAVAN, MASAB TANK, TELANGANA:HYDERABAD

Multimedia with Basic Animation

SUB CODE	NAME OF THE SUJECT	HOURS/WEEK		TOTAL PERIODS PER ANNUM	SCHEME OF EXAMINATION			
	Theory	Theory	Practicals		Duration Hours	Sessional Marks	End Exam Marks	Total Marks
MMA-101	Multimedia with Basic Animation - PAPER I (Theory)	03	--	50	02	--	100	100
MMA-102	Multimedia with Basic Animation PAPER II (PRACTICAL)		06	75	02	40	60	100
	TOTAL	03	06	125	04	40	160	200

MMA-101- PAPER – I (THEORY) - Certificate Course in Multimedia with Basic Animation:

Unit-1 Photoshop: Image Fundamentals: -Digital Image pixel, Resolution. DPL, Raster image /bitmaps. Vector Image/graphics. Various File Format:-Bitmap, JPEG, PSD, PDD, TIFF, GIF, EPS. Understanding Various Tools:-Marquee-Rectangular/Elliptical. Move Lasso, Polygonal Lasso Magnetic Lasso, Magic wand. Crop Air brush, Paint brush, Pencil, Rubber Stamp, Pattern stamp, Erase, Paint bucket, Direct selection, Path component selection , Pen custom shape, Eye dropper, Hand Zoom.

Unit-2 Photoshop: Understanding various Palettes:- Navigator, info, Color, Swatches Style History, Layers. Paths, Character, Paragraph, Foreground Colors. Background Colors. Default colors. Switch colors, Details about Status Bar. Option Bar. Edit Image in Standard mode. Quick Mask Mode. Various Image Display Options: -Standard Screen mode. Full Screen Mode with Menu Bar, Full Screen mode. Various Edit Commands:-Transform Preferences, Define Brush etc. Various Image Commands Inverse. Adjust, Extract, Liquefy etc. Mode RGB /CYMK /LAB /Grayscale. Adjust Brightness/Contrast. Hue/ Saturations, desecrate, Replace Colors, invert, Variations, Canvas size, Rotate canvas, crop, Trim-Various Layer Commands. Rearranging Layers, Lock Layers, Merge down, Merge. Visible, Flatten Image, Working With layers set, Various Select commands, Various Filter Effects, Render3D Transform, Lens Flare. Various View Commands. Print Option.

Unit-3 Illustrator: Creating Art board -Fixing the Art board size and number of art board, Planning its Margins, Art board color, Applying Required resolution , Designing type and Layout(Adobe Illustrator)The candidate able to: Planning the design flow , Use shape tools , Use Path tools, Expanding objects , Create Offset Path, Simplify Design , Appeal to different Audiences , Create Versatility , Uniqueness in Design, Applying Story to the design, Expressive Strokes, Converting path into objects , Applying Brush to Stroke, Color Transition , Color modification, combination, and mixing, Useof color Blend Tool, Reshaping Dimension.

Unit-4 Illustrator: Scale objects with bounding box , Scale objects to a specific width and height , Scale objects by a specific percentage , Scale Multiple objects , Shear objects with Shear tool , Distort objects. Mastering Complexity(Adobe Illustrator)The candidate able to Make patterns , Work with opacity and transparency , Create Multiple-object ,Shape Blends work with different type of masks, Creatively combining Apps(Adobe Illustrator) Copy and Paste/Drag and drop, Convert to smart object, Export to various format to compatibility.

Unit-5 Premiere Pro: Tools, Clip Details, and Menus, Project Basics, Aspect ratios, time code, Online and offline editing, Importing Media, organize assets with the project panel, Managing Projects, Sequence, Modifying Time Line & Managing Time Line, Understand Frames per Second, Understand Resolution and Frame Size, Various Video File Format,

Trimming clips, Preview sequence & Assembling a sequence, Correcting mistakes, Changing clip scale, duration, speed, or interlacing, Working with Clips in a sequence, Time Line & Real time Video Editing, Manipulating the Time Line, Transitions, Working with Audio, Working with clips, channels, and tracks, Audio transitions and Apply effect to Audio, Editing audio in the timeline panel, Multiple sequence, Adding Transitions and Fine-tuning Transitions, Customizable Transitions, Exporting editable movie and audio files, Exporting still images and still-image sequence, Show video behind the Title, Import a Title file, Export a Title as an independent file, Create Shapes, Create a drop shadow, Working with style.

Unit-6 After Effects: Understand the interface, A basic composite, Get settings right, Using Interface like a Pro, "Effects" in After Effects, Plugins and Animation Presets, and alternatives, Assembly any shot Logically, Importing Footage & Creating Composition, Managing Compositions & Managing Timeline, Timing: keyframes and the graph editor, Animation: It's all about Relationships, Motion Blur, Timing & retiming, Keyframes, Graph Editor, Layers, Adjustment Layer, How to combine layers, Edge on camera, Transparency , Mask options and variable mask feather, Animated masks, Blending modes, Selection with track mattes, Paint and Cloning, Pre Composition, Transformation, Rotoscopic, Track Mates, Work with multiple comps and projects. Adjustment and guide layers, Multiple Comp, Colour correction, Curves: Gamma and Contrast, Hue/Saturation: Colour and Intensity, Colour Balance, Colour Equalizer, Levels, Colour Curves, ColourKeying: Green Screen, Blue Screen. Keylight: the after effect tool

MMA-102-PAPER – II (PRACTICAL) - Certificate Course in Multimedia with Basic Animation:

Unit-1 Photoshop: Image Fundamentals: -Digital Image pixel, Resolution. DPL, Raster image /bitmaps. Vector Image/graphics. Various File Format:-Bitmap, JPEG, PSD, PDD, TIFF, GIF, EPS. Understanding Various Tools:-Marquee-Rectangular/Elliptical. Move Lasso, Polygonal Lasso Magnetic Lasso, Magic wand. Crop Air brush, Paint brush, Pencil, Rubber Stamp, Pattern stamp, Erase, Paint bucket, Direct selection, Path component selection , Pen custom shape, Eye dropper, Hand Zoom.

Unit-2 Photoshop: Understanding various Palettes:- Navigator, info, Color, Swatches Style History, Layers. Paths, Character, Paragraph, Foreground Colors. Background Colors. Default colors. Switch colors, Details about Status Bar. Option Bar. Edit Image in Standard mode. Quick Mask Mode. Various Image Display Options: -Standard Screen mode. Full Screen Mode with Menu Bar, Full Screen mode. Various Edit Commands:-Transform Preferences, Define Brush etc. Various Image Commands Inverse. Adjust, Extract, Liquefy etc. Mode RGB /CYMK /LAB /Grayscale. Adjust Brightness/Contrast. Hue/ Saturations, desecrate, Replace Colors, invert, Variations, Canvas size, Rotate canvas, crop, Trim-Various Layer Commands. Rearranging Layers, Lock Layers, Merge down, Merge. Visible, Flatten Image, Working With layers set, Various Select commands, Various Filter Effects, Render3D Transform, Lens Flare. Various View Commands. Print Option.

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