

Certificate in Basic Multimedia (CBM)

Course Module	Module Details
Creating Illustrations	Using Adobe Illustrator CS2
Imaging	<ul style="list-style-type: none"> • Computer Graphics :Concept • Interactive Media Design Standards : Concept • Understanding how images are formed, image file formats and their properties <p>Graphic reproduction</p> <ul style="list-style-type: none"> • Tonal value. Tonal gradation. • Continuous tone. Half tone, Moiré pattern, Highlight, Middle Tone, Shadow areas contrast & details <p>Scanning</p> <ul style="list-style-type: none"> • Principle of scanning • Types of scanners (Flatbed & Drum) and its use • Resolutions, DPI. LPI. Graphic drawings inputs of pictures, sketches Photo editing Software. • Preparation of OCR <p>Adobe Photoshop</p> <ul style="list-style-type: none"> • 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. • 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 /CMYK /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 Render 3D Transform, Lens Flare. Lightning Effects. Motion Blur. Radial Blur... • Various View Commands. • Print Option. Industrial visit of graphics design studios / Add agency / News Paper /Prepress Bureau and Printing Press
2D Animation	<p>Flash</p> <ul style="list-style-type: none"> • Media Design issues, Media selection issues, Selection of Media. • E-learning Standards: Concepts • SCROM concepts : Concepts

2D Animation	<ul style="list-style-type: none"> • Adobe Flash :Concept and application • Working with Flash Action Script • Adobe Authorware: Concept & application related media • Understanding the SCROM compliance issues for e-learning • Create interactive animations and applications using Flash • Create Interactive Applications and E-learning modules • Twitter Bootstrap and Zurb foundation: Concept and application
Authoring	Using Adobe Direct
Sound Editing	<p>Sound forge</p> <ul style="list-style-type: none"> • Different Audio file formats – AVI, WAV, WMA, MP3, MP4 • Audio editing tools Audio/ Sound effects • Understanding and working Sound editing Software. • Recording of Audio, importing of Audio files. Editing of Audio and inserting effects.