

Skill Enhancement Course – I : Semester –VI

SEC-1 Multimedia Applications using Gimp

BLOCK – I

Unit-1: Multimedia: Introduction to multimedia, components, uses of multimedia, multimedia applications, virtual reality, Text: Fonts & Faces, Using Text in Multimedia, Font Editing & Design Tools, Multimedia and hyper text

Unit-2: Images: Still Images – bitmaps, vector drawing, 3D drawing & rendering, natural, light & colours, computerized colours, colour palettes, image formats

Unit-3: Sound: Digital Audio, MIDI Audio, MIDI vs Digital Audio, Audio File Formats, **Video-** How video works, analog video, digital video, video file formats, video Shooting and editing

Unit-4: Making Multimedia: Stages of a multimedia project, Requirements to make good Multimedia, multi-media software and authoring tools, Multimedia Hardware - Macintosh and Windows production Platform, H/W peripherals- Memory and storage devices ,connection devices

BLOCK-II

Unit-5 : GIMP - _Learning the Basics, getting around GIMP, The GIMP Tool Box, mixing colors, cutting out an image

Unit-6: GIMP - using the quick mask, understanding layer mask, using layers to create amazing photos, work with paths

Unit-7 : GIMP - mastering filters, controlling lighting and shading, colorizing black and photo with GIMP, photo re-touching, creating custom brush

Unit-8 : GIMP – Animation using GIMP, using cage transform tool, GIMP scripting, GIMP text effects

Practical:

All Practical exercises listed and demonstrated in in <https://www.gimp.org/tutorials/>.