

# **Fundamentals of Multimedia (for other students)**

## **BMM5D01**

**Unit 1.**Definition of Multimedia.Multimedia systems; multimedia elements, Multimedia applications. Evolving systems of multimedia.Digital media and hyper media.

**Unit 2.**Multimedia file formats, standards, communication protocols, conversions Data compression and decompression. Types and methods of compression and decompression. Multimedia I/O Technologies.

**Unit3.**Image authoring and editing tools, image file formats, JPEG, TIFF, ,GIF,PNG,Layers,RGB,CMYK;contrast,brightness,HUE,Slicing,ContrastRatio. Aspectratio.GrayScalefilters,blending tools,Image enhancing designing technique.

**Unit 4.**Video in Multimedia- Sound in Multimedia- characteristic of sound, acoustics, recording techniques and mixing.