

**Board of Study (BOS), Bundelkhand University, Jhansi**

National Education Policy (NEP) - 2020

Graduation Level Syllabus (B.A./B.Sc./B.Com) for Session 2021-22

In the context of- पत्रांक: बु0वि0/एकेडमिक/2021/6030

Minor Subject (Vocational/Skill Development) Name: **Multimedia**

Unit	Contents	Allotted Lectures
I	What is multimedia, Components of multimedia, Web and Internet multimedia applications, Transition from conventional media to digital media.	3
II	Usage of text in Multimedia, Families and faces of fonts, outline fonts, bitmap fonts, International character sets and hypertext, Digital font's techniques.	3
III	Digitization of sound, frequency and bandwidth, decibel system, data rate, audio file format, Sound synthesis,	3
IV	Colour Science , Colour, Colour Models, Colour palettes, Dithering, 2D Graphics, Image Compression and File Formats :GIF, JPEG, JPG, PNG, TIFF, EXIF, PS, PDF.	3
V	Video Basics , How Video Works, Broadcast Video Standards, Analog video, Digital video, Video Recording and Tape formats, Shooting and Editing Video Multimedia Authoring Basics.	3
<b>Total Credit = 3</b>		

**Reference of Content:**

1. "Multimedia making it work" By Tay Vaughan, Publisher: Tata McGraw-Hill.
2. "Multimedia Systems" By Rajneesh Aggarwal, Publisher: Excel Publication.
3. "Fundamentals of Multimedia" By Li & Drew, Publisher: Pearson Education.