

**BHARATHIYAR UNIVERSITY  
COIMBATORE 641046**

**Syllabus for “CERTIFICATE COURSE IN MULTIMEDIA”  
(Career Oriented Course)**

**SCHEME OF EXAMINATIONS**

<b>SI .No</b>	<b>Subjects</b>	<b>Lecture Hours</b>	<b>Exam Hours</b>	<b>MARKS</b>
<b>1.</b>	<b>Paper I Introduction to Multimedia (THEORY)</b>	<b>90</b>	<b>3 Hours</b>	<b>100</b>
<b>2.</b>	<b>Paper II PRACTICAL</b>	<b>90</b>	<b>3 Hours</b>	<b>100</b>
	<b>Two Papers</b>	<b>180</b>		<b>200</b>

**Eligibility:** Plus two with Multi Disciplinary.

**Paper I: Introduction to Multimedia**

**Objectives:**

1. To enable the students to understand the fundamental elements of Multimedia.
2. To enable the students to be familiar with the digital media.

**Unit 1:** Introduction to Multimedia and Digital Representation

**Unit 2:** Usage of Text and Image in Multimedia.

**Unit 3:** Audio and Video Production process.

**Unit 4:** Graphics and Animation.

**Unit 5:** Multimedia Applications.

**Prescribed Books:**

1. Principles of Multimedia – Ranjan Parekh, Tata McGraw Hill Education Private Limited ( Unit 1,2,3 and 4 : Chapters :1,2,4,5,6,7,8 and 9)
2. Multimedia : Computing , Communications and Applications – Ralf Steinmetz and KlaraNahrstedt, Person Education ( Unit 5 : Chapter -17)

**References:**

1. Multimedia Systems – John F Koegel Buford, Pearson.
2. Multimedia Making It Work - Tay Vaughan, Tata McGraw Hill Publishing Company Limited
3. Multimedia – Ralf Steinmetz and KlaraNahrstedt, Person Education

**Paper II - PRACTICAL**

- 1. Create painting in Photoshop.**
- 2. Create a brochure design for a jewellery shop.**
- 3. Create front page of a web site using Photoshop slice pages.**
- 4. Create a logo for a college and create a table with Salient Features, Various Programmes and Duration.**
- 5. Create poster design for a competition, which has background images, new logo and corresponding text.**
- 6. Create a remix of a movie song by editing the existing video as per the song.**
- 7. Create motion in tweened animation.**
- 8. Create a flower blooming animation**
- 9. Create a 2D animation story and add sound to it.**
- 10. Create a paper presentation with 5 buttons, for next, previous, play, stop and home and make it interactive.**