Lesson Plan

Name of Faculty : **Ms Varsha, Assistant Professor of**
CSE Discipline : **Computer Science and Engineering**
Semester : **7th (Odd)**
Subject : **Multimedia System (PEC-CSE-407T) & Multimedia Lab (PEC-CSE-407P)**
Lesson Plan Duration : **15 weeks (from July/August -2023 to Nov /Dec -2023)**
Work Load (Lecture/Practical) per week (in hours): Lectures-03hours, Practical-02 hours

Week	Theory		Practical (Group-I/ II)	
	Lecture Day	Topic (Including Assignment/Test)	Practical Day	Topics/ Programs
1st		Introduction to Multimedia concepts	1	Introduction to Photoshop Basics.
		Types of Multi-media Applications		
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2nd		Methods to deliver Multimedia	2	Design a poster for 2019 elections and show the difference in quality and resolution for Print and Web.
		Introduction to Multimedia Database		
		Multimedia Input and Output Devices.		
3rd		Introduction about font and faces	3	Pick any picture of a magazine cover page and make changes using selection tool
		Using Text in Multimedia, Applying different types of text multimedia		
		Font Editing and Design tools		
4th		Hypermedia and Hypertext application.	4	Draw a landscape using multiple Layers.
		The power of images		
		Making Still Images		
5th		Colouring, Image File Formats (GIF, JPEG, PNG etc.)	5	Paint a scenery of a park using different tools of Photoshop.
		The power of sound		
		MIDI Vs. Digital Audio		
6th		Audio File Formats (AIFF, WAV, MPEG, MOV etc.)	6	Take image from different Image Sources show variation in resolution
		Adding Sound to multimedia project		
		Working of a Video and its Display		
7th		1st minor test		
8th		Digital Video Containers (Codecs & Video Format Converters)	7	**Viva voice – 1st**
		Obtaining Video Clips, Shooting and editing Video		
		Non Linear Editing(NLE) in Videos		
9th		The stages of Multimedia Project	8	Use effective cropping techniques to design a collage
		Hardware and Software requirements		
		Authoring Systems Team for Multimedia Development		
10th		Different stages of multimedia	9	Design a scenery showing correction of image tonality.
		The internet and multimedia		
		Digital Video Containers (Codecs & Video Format Converters)		
11th		Colouring, Image File Formats (GIF, JPEG, PNG etc.)	10	Make a poster by adjusting Image Colours.
		Colouring, Image File Formats (GIF, JPEG, PNG etc.)		
		The power of sound		
12th		Audio File Formats (AIFF, WAV, MPEG, MOV etc.)	11	Painting the cover page of your magazine with Special Photoshop Tools.
		Adding Sound to multimedia project		
		MIDI Vs. Digital Audio		
13th		Authoring Systems Team for Multimedia Development	12	Design a card on the occasion of Diwali using at least 3 different filters.
		Methods to deliver Multimedia		
		Introduction about font and faces		
14th		2nd minor test		
15th		Problems of multimedia system	13	**2nd viva –voce**