

Lesson Plan

Name of Faculty : Dr. Dupinder Kaur
 Discipline : Computer Engg.
 Semester : IInd
 Subject : Multimedia Applications
 Lesson Plan Duration : 15/02/24 to 14/06/24

Week	Theory		Practical	
	Lecture Day	Topics (Including Assignment / Test)	Practical Day	Topics
1	1	Introduction to Multimedia	1	Installation of various multimedia software like Photoshop and Flash
	2	Components of Multimedia & its Applications	2	Installation of various multimedia software like Photoshop and Flash
2	3	Multimedia files, format and types	3	Study of adobe Photoshop tools
	4	Multimedia Hardware and Software requirements	4	Study of adobe Photoshop tools
3	5	Differentiating Analog Signal and Digital Signal	5	Continue Study of adobe Photoshop tools
	6	Sound card, its types and advantages	6	Continue Study of adobe Photoshop tools
4	7	Playback and Recording	7	Image editing using adobe Photoshop
	8	Introduction to MIDI and its components	8	Image editing using adobe Photoshop
5	9	Features and working of MIDI	9	Special effects on image and revision
	10	Revision	10	Special effects on image and revision
6	11	Sessional I	11	Introduction to adobe Flash
	12	Introduction to multimedia text and its hardware requirements	12	Introduction to adobe Flash
7	13	Software requirements for multimedia text	13	Frame by Frame Animation using adobe Flash
	14	Coloring the textual information	14	Frame by Frame Animation using adobe Flash

8	15	Digital imaging fundamental	15	Simple Tweening and motion Tweening using adobe Flash
	16	Revision of previous topics	16	Simple Tweening and motion Tweening using adobe Flash
9	17	Image processing and its types	17	Revision
	18	Digital Image Processing	18	Revision
10	19	Characteristics, advantages and disadvantages of digital image	19	Shape Tweening and usage of Guide Layer
	20	Revision	20	Shape Tweening and usage of Guide Layer
11	21	Sessional II	21	Implementation of Masking and its types
	22	Basics of Animation Technique	22	Implementation of Masking and its types
12	23	Fundamentals of digital video	23	Usage of Movie Clip
	24	Relating pixels and bit rate	24	Usage of Movie Clip
13	25	Digital video production techniques and equipments	25	Practice on previous topics
	26	Introduction to authoring tools	26	Practice on previous topics
14	27	Classification of authoring tools	27	Publishing of Flash Movie
	28	Multimedia project planning	28	Publishing of Flash Movie
15	29	Multimedia team	29	Working with Scripts
	30	Revision	30	Working with Scripts
16	31	Sessional III	31	Revision
	32	Revision	32	Revision