

# LESSON PLAN

Discipline: CSE		
Semester: 3 <sup>rd</sup> , Name of Faculty : ANINDYA MOHANTY		
Subject: : Multimedia Technologies	No. of days/ week Class allotted: 3	Effective From Date: 22.12.2025
Week	Class Day	Theory
1 <sup>st</sup>	1 <sup>st</sup>	<b>UNIT 1: Introduction to Multimedia</b>
	2 <sup>nd</sup>	Multimedia Foundation and Concepts
	3 <sup>rd</sup>	Multimedia Hardware
2 <sup>nd</sup>	1 <sup>st</sup>	Multimedia Software
	2 <sup>nd</sup>	Multimedia Software
	3 <sup>rd</sup>	Multimedia Operating Systems
3 <sup>rd</sup>	1 <sup>st</sup>	Multimedia Operating Systems
	2 <sup>nd</sup>	Multimedia Communication System
	3 <sup>rd</sup>	Multimedia Communication System
4 <sup>th</sup>	1 <sup>st</sup>	1. Doubt Clearing class 2. Quiz test 3. Assignment
	2 <sup>nd</sup>	<b>UNIT 2: Basic Compression Techniques</b>
	3 <sup>rd</sup>	Video and Audio Data Compression Techniques
5 <sup>th</sup>	1 <sup>st</sup>	Lossy and Lossless
	2 <sup>nd</sup>	Example algorithms/standards
	3 <sup>rd</sup>	Huffman
6 <sup>th</sup>	1 <sup>st</sup>	RLE
	2 <sup>nd</sup>	JPEG
	3 <sup>rd</sup>	MP3, MP4, MPEG,
7 <sup>th</sup>	1 <sup>st</sup>	FLAC, LZMA
	2 <sup>nd</sup>	ITU G.722, ALAC
	3 <sup>rd</sup>	<b>UNIT 3: Content Development and Distribution</b>
8 <sup>th</sup>	1 <sup>st</sup>	Desktop publishing
	2 <sup>nd</sup>	Corel Draw
	3 <sup>rd</sup>	Photoshop
9 <sup>th</sup>	1 <sup>st</sup>	PageMaker
	2 <sup>nd</sup>	Multimedia Animation Special Effect
	3 <sup>rd</sup>	Multimedia Animation Special Effect
10 <sup>th</sup>	1 <sup>st</sup>	Special Effect 2D Animation
	2 <sup>nd</sup>	Special Effect 2D Animation
	3 <sup>rd</sup>	3D Animation,
11 <sup>th</sup>	1 <sup>st</sup>	Flash
	2 <sup>nd</sup>	1. Doubt Clearing class 2. Quiz test 3. Assignment
	3 <sup>rd</sup>	<b>UNIT 4: Introduction to Digital Imaging</b>
12 <sup>th</sup>	1 <sup>st</sup>	Basics of Graphic Design
	2 <sup>nd</sup>	Basics of Graphic Design
	3 <sup>rd</sup>	Basics of Graphic Design

13 <sup>th</sup>	1 <sup>st</sup>	Basics of Graphic Design
	2 <sup>nd</sup>	Use of Digital Technology
	3 <sup>rd</sup>	Use of Digital Technology
14 <sup>th</sup>	1 <sup>st</sup>	Use of Digital Technology
	2 <sup>nd</sup>	Digital Imaging in Multimedia
	3 <sup>rd</sup>	Digital Imaging in Multimedia
15 <sup>th</sup>	1 <sup>st</sup>	Digital Imaging in Multimedia
	2 <sup>nd</sup>	Digital Imaging in Multimedia
	3 <sup>rd</sup>	1. Doubt Clearing class 2. Quiz test 3. Assignment

*Anindya Mohanty*  
Signature of Faculty

*Rasmila Patra*  
HOD 22/12/25

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