

LABORATORY PRACTICAL PLANNING

Institute Name: K. K. Wagh Polytechnic, Nashik

Academic Year: 2026-27 (ODD)

Program: Information Technology (IF) **Course:** Applied Multimedia Techniques

Course code: 313003

Semester: Third **Scheme:** K **Class:** SYIF-Cray

Batch: A/B/C

Name of Faculty: Ms. S. P. Chivate

● Teaching-Learning & Assessment Scheme:

Course Code	Course Title	Abbr	Course Category	Learning Scheme						Credits	Paper Duration	Assessment Scheme										Total Marks
				Actual Contact Hrs./Week			SLH	NLH	Theory			Based on LL & TSL Practical				Based on SL						
				C L	T L	L L			FA-TH			SA-TH	Total		FA-PR		SA-PR		SLA			
													Max	Max	Max	Min	Max	Min	Max	Min	Max	
313003	APPLIED MULTIMEDIA TECHNIQUES	AMT	SEC	1	-	2	1	4	2	-	-	-	-	-	25	10	-	-	25	10	50	

Abbreviations: CL- Class Room Learning , TL- Tutorial Learning, LL-Laboratory Learning, SLH-Self Learning Hours, NLH-Notional Learning Hours, FA - Formative Assessment, SA -Summative assessment, IKS – Indian Knowledge System, SLA - Self Learning Assessment
Legends: @ Internal Assessment, # External Assessment, *# On Line Examination, @\$ Internal Online Examination

● COURSE LEVEL LEARNING OUTCOMES (COS)

- CO1 - Manipulate color models of image.
- CO2 - Perform edit operation on text and images using graphics processing tools.
- CO3 - Perform basic audio editing operations.
- CO4 - Perform basic video editing operations.
- CO5 - Create simple 2D Animation.
- CO6 - Design Web Pages with Multimedia components

● COs, Practical Laboratory Learning Outcome (LLOs) and Mapping:

Sr. No	LLO	Practical Title	Planned Date	Performance Date	Remark	Related self learning (if any)
1	LLO 1.1 LLO 1.2	a. Manipulate color related attributes of given images using any graphical processing tools on RGB, CMYK, HSV, YIQ color models. b. Convert given image into different image formats, observe and report the changes in image with respect to quality and file size.	A-04/07/26 B-04/07/26 C-03/07/26	A- B- C-		
2	LLO 2.1	Apply different effects on text using 2D image processing software such as: • Drop shadow • Mirror • Reflection	A-11/07/26 B-11/07/26 C-10/07/26	A- B- C-		

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Sr. No	LLO	Practical Title	Planned Date	Performance Date	Remark	Related self learning (if any)
3	LLO 3.1	Apply different effects on GIF image using 2D image processing software such as: Image mirroring, Rainy season effect	A-18/07/26 B-18/07/26 C-17/07/26	A- B- C-		
4	LLO 4.1	Design advertising banner using graphics processing tools.	A-25/07/26 B-25/07/26 C-24/07/26	A- B- C-		
5	LLO 5.1	Design wallpaper showing water drop effect on GIF image using any 2D image processing software.	A-01/08/26 B-01/08/26 C-07/08/26	A- B- C-		
6	LLO 6.1	Apply different effects on text to design poster using 2D image processing software such as: Ketchup Fire Rope Fruit	A-08/08/26 B-08/08/26 C-14/08/26	A- B- C-		
7	LLO 8.1	Apply convert, merge, cut and join operation on digital audio files.	A-22/08/26 B-22/08/26 C-21/08/26	A- B- C-		
8	LLO 11.1	Apply bouncing and rolling ball down in 2D animation using 2D animation software.	A-05/09/26 B-05/09/26 C-04/09/26	A- B- C-		
9	LLO 12.1	Develop webpage which show animation with sound effect using any professional HTML5 editor.	A-12/09/26 B-12/09/26 C-11/09/26	A- B- C-		
10	LLO 13.1	Develop webpage by embedding video using any professional HTML5 editor.	A-19/09/26 B-19/09/26 C-18/09/26	A- B- C-		
11	LLO 15.1	Create animation for rotating ball with action script using animation software such as Blender.	A-26/09/26 B-26/09/26 C-25/09/26	A- B- C-		
12	LLO 16.1	Identify and experience Augmented Reality phenomena using gadgets such as smart phone/ google glass.	A-03/10/26 B-03/10/26 C-02/10/26	A- B- C-		
13	Content Beyond syllabus Demonstration on Motion Graphics		A-10/10/26 B-10/10/26 C-09/10/26	A- B- C-		

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ASSESSMENT METHODOLOGIES/TOOLS

A. Formative assessment (Assessment for Learning) (FA-TH)

- Continuous assessment based on process and product related performance indicators. Each practical will be assessed considering
 - 60% weightage is to process
 - 40% weightage to product

B. Summative Assessment (Assessment of Learning) (SA-TH)

- NA

SUGGESTED MICRO PROJECT / ASSIGNMENT/ ACTIVITIES FOR SPECIFIC LEARNING /SKILLSDEVELOPMENT (SELF LEARNING)

Micro project

- The micro project has to be industry application based, internet-based, workshop-based, and laboratory-based or field based as suggested by Teacher.
- Produce your college video for annual event.
- Design banner for departmental event.
- Develop interactive animated web page.
- Create animation clip for internal working of any one machine.
- Develop 2D animation clip for any cartoon story of 5 min.
- Produce 2D animation clip for advertising any product.

SLA marks shall be awarded as per the continuous assessment record.

Ms. S. P. Chivate
(Name & Signature of Staff)

Ms. M. S. Karande
(Name & Signature of HOD)

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