

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

Name of Faculty: Mr. T.G.Uphade

Class: SYIF-PARAM

Batch:A/B/C

● Teaching-Learning & Assessment Scheme:

| Course Code | Course Title                  | Abbr | Course Category | Learning Scheme          |        |        |     |     |        | Credits | Paper Duration | Assessment Scheme           |       |     |       |             |       |             |     |     |     |
|-------------|-------------------------------|------|-----------------|--------------------------|--------|--------|-----|-----|--------|---------|----------------|-----------------------------|-------|-----|-------|-------------|-------|-------------|-----|-----|-----|
|             |                               |      |                 | Actual Contact Hrs./Week |        |        | SLH | NLH | Theory |         |                | Based on LL & TSL Practical |       |     |       | Based on SL |       | Total Marks |     |     |     |
|             |                               |      |                 | C<br>L                   | T<br>L | L<br>L |     |     | FA-TH  |         |                | SA-TH                       | Total |     | FA-PR |             | SA-PR |             | SLA |     |     |
|             |                               |      |                 |                          |        |        |     |     |        |         |                |                             | Max   | Max | Max   | Min         | Max   |             | Min | Max | Min |
| 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<br>LLO 1.2 | a. Manipulate color related attributes of given images using any graphical processing tools on RGB, CMYK, HSV, YIQ color models.<br>b. Convert given image into different image formats, observe and report the changes in image with respect to quality and file size. | A-01/07/26<br>B-01/07/26<br>C-04/07/26 | A-<br>B-<br>C-   |        |                                |
| 2      | LLO 2.1            | Apply different effects on text using 2D image processing software such as: <ul style="list-style-type: none"> <li>Drop shadow</li> <li>Mirror</li> <li>Reflection</li> </ul>                                                                                           | A-08/07/26<br>B-08/07/26<br>C-11/07/26 | A-<br>B-<br>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-15/07/26<br>B-15/07/26<br>C-18/07/26 | A-<br>B-<br>C-   |        |                                |
| 4      | LLO 4.1                                                     | Design advertising banner using graphics processing tools.                                                                                                                                        | A-22/07/26<br>B-22/07/26<br>C-25/07/26 | A-<br>B-<br>C-   |        |                                |
| 5      | LLO 5.1                                                     | Design wallpaper showing water drop effect on GIF image using any 2D image processing software.                                                                                                   | A-29/07/26<br>B-29/07/26<br>C-01/08/26 | A-<br>B-<br>C-   |        |                                |
| 6      | LLO 6.1                                                     | Apply different effects on text to design poster using 2D image processing software such as: <ul style="list-style-type: none"> <li>Ketchup</li> <li>Rope</li> <li>Fire</li> <li>Fruit</li> </ul> | A-05/08/26<br>B-05/08/26<br>C-08/08/26 | A-<br>B-<br>C-   |        |                                |
| 7      | LLO 8.1                                                     | Apply convert, merge, cut and join operation on digital audio files.                                                                                                                              | A-19/08/26<br>B-19/08/26<br>C-22/08/26 | A-<br>B-<br>C-   |        |                                |
| 8      | LLO 11.1                                                    | Apply bouncing and rolling ball down in 2D animation using 2D animation software.                                                                                                                 | A-02/09/26<br>B-02/09/26<br>C-29/08/26 | A-<br>B-<br>C-   |        |                                |
| 9      | LLO 12.1                                                    | Develop webpage which show animation with sound effect using any professional HTML5 editor.                                                                                                       | A-09/09/26<br>B-09/09/26<br>C-05/09/26 | A-<br>B-<br>C-   |        |                                |
| 10     | LLO 13.1                                                    | Develop webpage by embedding video using any professional HTML5 editor.                                                                                                                           | A-16/09/26<br>B-16/09/26<br>C-12/09/26 | A-<br>B-<br>C-   |        |                                |
| 11     | LLO 15.1                                                    | Create animation for rotating ball with action script using animation software such as Blender.                                                                                                   | A-23/09/26<br>B-23/09/26<br>C-19/09/26 | A-<br>B-<br>C-   |        |                                |
| 12     | LLO 16.1                                                    | Identify and experience Augmented Reality phenomena using gadgets such as smart phone/ google glass.                                                                                              | A-30/09/26<br>B-30/09/26<br>C-26/09/26 | A-<br>B-<br>C-   |        |                                |
| 13     | Content Beyond syllabus<br>Demonstration on Motion Graphics |                                                                                                                                                                                                   | A-07/10/26<br>B-07/10/26<br>C-03/10/26 | A-<br>B-<br>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 microproject has to be industry application based, internet-based, workshop-based, 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.**

Mr. T. G. Uphade

(Name & Signature of Staff)

Ms. M. S. Karande

(Name & Signature of HOD)