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|------------------------------|-----------------------------------------|
| <b>Branch Name:</b>          | BCA (Bachelor of Computer Applications) |
| <b>Program Code:</b>         | CS101                                   |
| <b>Course Title:</b>         | Graphic Design Tools                    |
| <b>Course Code:</b>          | 22-SEC103-1C                            |
| <b>Pre-requisite Course:</b> | Basic Knowledge of Knowledge of Paint.  |

**Course Objective: (CO)**

1. To familiarize students with the fundamental features and tools of Photoshop and PageMaker.
2. To develop proficiency in editing, enhancing, and manipulating images using various tools and techniques available in Photoshop and PageMaker.
3. To teach efficient workflow practices, including shortcuts, automation, and best practices for organizing and managing files within Photoshop and PageMaker
4. To introduce advanced editing techniques such as retouching, masking, compositing, and special effects to create complex and visually compelling images.
5. To apply learned skills through practical projects, encouraging creativity and problem-solving in real-world scenarios.

**Teaching and Examination Scheme:**

| Teaching Scheme (Hours per week) |                 |                  |        | Evaluation Scheme (Marks) |            |                       |            |                       |            |                       |            |       |
|----------------------------------|-----------------|------------------|--------|---------------------------|------------|-----------------------|------------|-----------------------|------------|-----------------------|------------|-------|
| Lecture<br>(L)                   | Tutorial<br>(T) | Practical<br>(P) | Credit | Theory                    |            |                       |            | Practical             |            |                       |            | Total |
|                                  |                 |                  |        | University Assessment     |            | Continuous Assessment |            | University Assessment |            | Continuous Assessment |            |       |
|                                  |                 |                  |        | Min. Marks                | Min. Marks | Min. Marks            | Min. Marks | Min. Marks            | Max. Marks | Min. Marks            | Max. Marks |       |
| -                                | -               | 4                | 2      | -                         | -          | -                     | -          | 09                    | 25         | 09                    | 25         | 50    |

**Course Contents:**

| Sr. No | Topic                                                                                                                                                                                                                              | Total Hours | Weightage (%) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|
| 1      | <b>PageMaker:</b> - Overview of PageMaker work area and tools, Page setup dialog box, adding and deleting pages, naming and saving a publication, setting up rulers.                                                               | 12          | 25            |
| 2      | Different drawing tools, text tools, character formatting, paragraph formatting, placing graphics, sizing and cropping graphics.                                                                                                   | 12          | 25            |
| 3      | <b>Photoshop:</b> Overview of Photoshop interface and tools, Page setup dialog box, understanding layers and basic image adjustments Selection tools and techniques, Image resizing, cropping, and resolution, Blur, Sharpen tool. | 11          | 25            |
| 4      | Understanding color modes and color adjustments, using adjustment layers and masks, Pattern Stamp tool, Patch tool, Healing Brush tool, Text tools and formatting options, Blending Option for Text.                               | 10          | 25            |

**Course Learning Outcomes (CLO.):**

**At the end of this course, the student would be able**

1. **CLO1:** Students will demonstrate proficiency in using Photoshop tools and PageMaker Tools and functionalities to edit, enhance, and manipulate images effectively.
2. **CLO2:** Students will apply design principles such as color theory, composition, and visual hierarchy to create visually appealing images and designs.
3. **CLO3:** Students will execute advanced editing techniques including retouching, masking, layering, and compositing to produce complex and high-quality images.
4. **CLO4:** Students will develop problem-solving skills by employing critical thinking to troubleshoot and find creative solutions to editing challenges within Photoshop and PageMaker.

- 5. CLO5:** Students will demonstrate the ability to manage workflows efficiently by organizing files, using shortcuts, and employing non-destructive editing techniques within Photoshop and Page Maker.

**List of Textbook:**

1. PageMaker 7, Training Guide-Satish Jain, BPB Publications.
2. Photoshop 7 Savvy, Steve Romaniello, BPB Publication.

**List of Text Reference book:**

1. Online Book "An Introduction to adobe Photoshop "Steve Bark  
**Link:** <https://www.otcbahrain.com/wp-content/uploads/2017/12/An-Introduction-to-Adobe-Photoshop.pdf>
2. ADOBE PHOTOSHOP 2024: Beginners to Expert Guide to Explore all ... Photoshop 2024 Features, Layers, Color Techniques, Typography, Selection Tools, Masking, Photo Corrections, Plus Pro Tips and Tricks  
Kindle Edition by SAMMIE SMITH (Author)
3. Adobe PageMaker 7.0 Classroom in a Book Paperback – 25 October 2001, by. Adobe Creative Team (Author)

**E-Resources/ Weblinks:**

1. [https://www.youtube.com/watch?v=rSitQiZWB\\_Q](https://www.youtube.com/watch?v=rSitQiZWB_Q)
2. <https://www.youtube.com/watch?v=lsZiQJRfiXk>
3. <https://youtu.be/PkI4n8EPjJY?si=PG71d9cQAU5wRAOG>

**List of Experiments:**

**Note:** The experiment list provided beneath is for reference only. The course teacher may change/formulate it as per his/her methodology and requirement.

**Practical List**

**Text Editing Software like PageMaker Students must be trained by discussing various case studies.**

1. Create an ID card in PageMaker
2. Insert the Image in Page.
3. Create FrontPage of Journal in PageMaker.
4. Create a CD Label in PageMaker.
5. Create FrontPage of BOOK in PageMaker.

**Photo Editing Software like Photoshop Students must be trained by discussing various case studies.**

1. Marge two picture into one image
2. Write a name of picture on the picture
3. Create a friendship card
4. Convert color photo into black and white
5. Give them some extra effect on the photo
6. Create an Advertisement
7. Crete a Calendar
8. To convert black & white photo to color photo
9. Create 3D graphics text with different effects

**Mapping of CLO, PO and PSO**

| Course Learning Outcomes | Program Outcomes (POs) |     |     |     |     |     |     |     |     |      |      |      | Program Specific Outcomes (PSOs) |      |      |
|--------------------------|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|----------------------------------|------|------|
|                          | PO1                    | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1                             | PSO2 | PSO3 |
| <b>CLO1</b>              | H                      |     | M   | H   |     | L   | M   |     | L   | L    |      | L    | M                                | L    |      |
| <b>CLO2</b>              | M                      | H   | L   |     | H   | M   |     | L   | M   |      | L    | L    |                                  | H    |      |
| <b>CLO3</b>              | H                      | M   |     |     | L   | H   |     | M   | H   |      | M    | L    | H                                |      | L    |
| <b>CLO4</b>              | L                      | L   |     | M   |     | M   | L   |     | H   | M    |      |      | L                                |      | L    |
| <b>CLO5</b>              | M                      |     | H   |     | M   | L   |     | H   |     | M    | L    | L    |                                  | L    | H    |

**H: High, M: Medium, L: Low**