

**VEER NARMAD SOUTH GUJARAT UNIVERSITY – SURAT**  
**B. Com. (Computer Application) 2<sup>nd</sup> Year**  
**Vocational Course**  
**Syllabus**

S. Y. B. Com. Semester 4  
Effective From: 2012-13

Paper No.: 6  
Paper Title: Computer Application: Paper-IV  
(Graphics and Animation Tools)

**A. Graphics and Animation Tools (Photoshop & Flash)**

1. Graphics Tool (Adobe Photoshop) [20%]
  - 1.1. Introduction
  - 1.2. Tools & panels
  - 1.3. File Menu  
New, open, open as, save, save as, import, export, revert, page setup, print with preview, print.
  - 1.4. Edit Menu  
Undo, Step Forward, Step Backward, cut, copy, paste, paste info, clear, fill, stroke, free transform, transform, define brush, define pattern
  - 1.5. Image Menu  
Mode adjustments, duplicate, apply image, image size, canvas size, rotate canvas, crop, trim, reveal all
  - 1.6. Layer Menu  
New, duplicate layer, delete, layer properties, layer style, add layer mask, enable layer mask, group with previous, ungroup, arrange, distribute links, lock all layers, merge layers, merge visible
  - 1.7. Select Menu  
All, Deselect, Reselect, Inverse, Feather, Modify, Grow, Similar, Transform selection, Load selection, Save Selection.
  
2. Animation Tool (Macromedia Flash) [30%]
  - 2.1. Introduction
  - 2.2. Toolbox
  - 2.3. Timeline
    - 2.3.1. Key frames
    - 2.3.2. Layers - Concepts, Uses, Inserting and deleting, Motion Guide Layer, Publishing Animation
  - 2.4. Library
  - 2.5. Working with different panels
  - 2.6. Types of animation
    - 2.6.1. Key Frame
    - 2.6.2. Twinning-Shape, Motion
  - 2.7. Symbol & Instances  
Movie Clips, Buttons, Graphics
  - 2.8. Scripting  
Basic actions: GoTo, Play, Stop, Geturl, FSCommand, Loadmovie

**B. Practical**

[50%]

Practical Based on above subject content

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**Reference Books:**

1. Flash 4 Bible – IDG Books India – Rennardt, Robert
2. Flash 4 Magic – Tech Media – Emberton David J.
3. Macromedia flash 5 (For Gujarati medium), by Computer World
4. Macromedia flash bible
5. Flash , In simple steps, Published by :Kogent Learning solutions Inc., Photoshop cs2 bible
6. Classroom in a book for (Adobe photoshop cs2)
7. Adobe Photoshop 7.0 Classroom in a Book
8. Photoshop 7 bible
9. Phtoshop CS5 , In simple steps, Published by :Kogent Learning solutions Inc.
10. Desk Top Publishing, By Computer World (Gujarati Version)