

Department of Technical Education, Karnataka

Diploma in Computer Science and Engineering / Information Science & Engineering

Second Semester

Subject: Multimedia Lab

Contact Hrs / Week: 6

Contact Hrs / Semester: 96

General Objectives :

After the completion of the study of this subject students should be able to

- Know about multimedia applications
- Understand multimedia tools
- Comprehend multimedia elements
- understand the picture edit, save option.
- Design animation projects

Graded Exercises

Using Flash and Photoshop

- 1 Create an animation to represent the growing moon.
- 2 Create an animation to indicate a ball bouncing on steps.
- 3 Simulate Movement of a cloud.
- 4 Draw the Fan blades as shown in the picture below.
Make the fan to work by giving proper animations.
- 5 Display the background given (FileName: Tulip.jpg) through your name.
- 6 Create an animation with the following features.
WELCOME
* Letters should appear one by one
* The fill colour of The text should change to a different colour after the display of the full word.
- 7 Simulate a ball hitting another ball.
- 8 Create an Animated Cursor
Startdrag("ss", true); Mouse.Hide();
- 9 Design a visiting card containing atleast one graphic and text information.
- 10 Take a photographic image. Give a title for the image. Put the border.
Write your names. Write the Name of Institution and Place.
- 11 Prepare a cover page for the book in your subject area.
Plan your own design.
- 12 You are given a picture of a flower and associated background (Extract.jpg).
Extract the Flower only from that and organise it on a background.
Select your own background for organisation.
- 13 You are given a picture (BrightnessContrast.jpg). Adjust the brightness and contrast of the picture so that it gives an elegant look.
- 14 You are given a picture (position.jpg). Position the picture preferably on a plain background of a colour of your choice - Positioning includes rotation and scaling.
- 15 Remove the arrows and text from the given photographic image (Filename: photo.jpg).
- 16 Type a word; apply the following effects. Shadow Emboss
- 17 Using appropriate tool(s) from the Toolbox, cut the objects from the 3 files (f1.jpg, f2.jpg & f3.jpg) given to you; organise them in a single file and apply feather effects.
- 18 Display the background given (FileName: garden.jpg) through your name using Mask.
- 19 A Picture of two parrots (parrots.jpg) is given to you. Make anyone of

one of the parrots in Black & White.
Using Flash change a circle into a square.

Scheme of evaluation		
1.	Record	05
2.	Writing two procedures	30
3.	Executing one problem	35
4.	Print out with results	10
5.	Viva voce	5
		20
	Total	100 marks

Reference Books:

- 1 Ben Long, (2001). Complete Digital Photography, Charles River Media, Inc., Hingham, Massachusetts.
- 2 Bryce Button - Nonlinear Editing (2002). "Storytelling, Aesthetics, & Craft", California: CMP Books.,
- 3 Casanova, J.V. & Elias, L.F. (1998), Multimedia Graphics, New Delhi: Prentice Hall of India.
- 4 Casanova, J.V. & Molina, L. (1998), Multimedia: An introduction, New Delhi: Prentice Hall of India.
- 5 Casanova, J.V. & Molina, L. (1998), Multimedia Production, Planning and Delivery, New Delhi: Prentice Hall of India.
- 6 Vaughn, T (2008), Multimedia Making it work, (th ed.) New Delhi TMH Publishing Company Ltd. Project report on copyright [<http://www.fepproject.org/policyreports.copyright.html>]. www.adobe.com
Wikipedia[<http://en.wikipedia.org/wiki/copyright>]
www.webdevelopersjournal.com
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Softwares: Photo Shop, Flash & Adobe Illustrator

