E.M.G.YADAVA WOMEN'S COLLEGE, MADURAI-14.

(An Autonomous Institution – Affiliated to Madurai Kamaraj University)
(Re-accredited with 'A' Grade by NAAC)
CBCS

DEPARTMENT OF INFORMATION TECHNOLOGY

CERTIFICATE COURSE

IMAGE ANIMATION IN FLASH

w.e.f. 2016-2017 onwards

Subject Code: 16IC1   **Contact hours: 45**

Objective:

1. To provide the concepts and techniques in Animation using flash to the students.
2. To teach the students to create the complex animation using layers.
3. To introduce the concept of Motion Tweening.

UNIT -I

Introducing Flash: Evolution of Flash – The uses of Flash – The Flash environment – Time Line – Stage – Tools and toolbars – Menu bar – Properties Inspector – Panels – Viewing Options.

UNIT –II

Creating Objects: Stage and overlay objects – Tools panel – Line tool – Pen tool – Sub select tool – Oval tool – Rectangle tool –Pencil tool – Brush tool – Ink bottle tool – Paint Bucket tool – Dropper tool – Eraser tool.

UNIT –III

Editing Objects: Selecting with the arrow tool – Selecting with the Lasso tool – Grouping tools – Free transform tool – Reshaping object – Aligning Objects – Pixel snapping – Stacking order – Cut-always – Paste in place.

UNIT –IV

    Color and Text: Standard color palette – Adding solid colors – Adding gradients – Fill transform tool – More color options – Selecting colors – Adding text – Formatting text – Manipulating text.

UNIT –V

    Animation: Working with Frames – Working with Layers – Animation basics – Elements of basics – Scenes – Frame by frame animation – Motion tweening.

Text Book:

1) Nick Vandome, FLASH MX in easy steps, Dreamtech Press, New Delhi, First Edition, 2003.

    Chapters:
Unit I	-	Chapter 1 & 2
Unit II	-	Chapter 3
Unit III	-	Chapter 4
Unit IV	-	Chapter 5
Unit V	-	Chapter 8 & 9

Reference books:

1) Adity Gupta, Shalini Gupta - Flash-8 in simple steps - Wiley India publication - New Delhi - First edition - 2006.

2) Ethan Watrall, Norbert Herber - Flash MX - BPB Publications - New Delhi - First edition - 2003.

3) Kogent – Flash CS5 in simple steps – Dreamtech Press – New Delhi – First edition – 2012.

4) Phillip Kerman - Macromedia Flash 8 - Dorling Kindersley (India) Pvt Ltd., - Uttar Pradesh - First Edition 2006.

5) Robert Reinhardt, Snow Dowd - Macromedia Flash 8 Bible - Wiley publishing Inc – New Delhi – First edition - 2006.

6) Macromedia Flash MX Professional 2004 by William B.Sanders, 2004.

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CERTIFICATE COURSE

IMAGE ANIMATION IN FLASH
w.e.f. 2016-2017 onwards

Subject Code: 16ICPR   **Contact hours: 45**

Practical

1. Procedure to create an animation to represent the growing Moon.

2. Procedure to create an animation to indicate a ball bouncing on steps.

3. Procedure to simulate movement of a cloud.

4. Procedure to display the background given (File name:Tulip.jpg) through your name.

5. Procedure to create an animation with the following features.

   WELCOME

   * letters should appear one by one

   * the fill color of the text should change to a different color after

   The display of the full word.

6. Procedure to create a mask layer over a picture

7. Procedure to create a motion tween

8. Procedure to create a motion tween along the path

9. Procedure to create an alpha gradient fill

10. Procedure to create an onion skinning