

SRM UNIVERSITY
FACULTY OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF COMPUTER APPLICATIONS
COURSE PLAN

Course Code : MC0713
Course Title : MULTIMEDIA SYSTEMS (CHOICE BASED – 1)
Semester : V
Course Time : July – November 2012

Day	A	
	Hour	Timing
DAY I	VI	2.20 PM – 3.10 PM
DAY II	-	-
DAY III	VI	3.10 PM – 4.00 PM
DAY IV	V	1.30 PM – 2.20 PM
Day V	V	1.30 PM – 2.20 PM

Location : S.R.M.E.C – Tech Park

Faculty Details

Sec.	Name	Office	Office hour	Mail id
A & B	F.EZHIL MARY ARASI	Tech Park, Second Floor.TP203	Monday -Friday	ezhilmary.f@ktr.srmuniv.ac.in
C	S.PAUL PRABAKARAN	Tech Park, Second Floor.TP204	Monday -Friday	
D	R.YAMINI	Tech Park, First Floor.TP103	Monday -Friday	yamini.r@ ktr.srmuniv.ac.in

Required Text Books:

1. Tay Vaughan – **Multimedia : Making it work** – TMH – Sixth Edition – 2004
(Chapters – 1 to 8 , 10, 12, 13)
2. Mcchalland – **Photoshop 7 Bible** – Wiley Dreamtech Pvt Ltd., First Edition – 2002.
(Part – I, Chapters – 1 – 3)
3. Reinhardt & Lentz – **Flash 5 Bible** – Hungry Minds, Inc, 2001 – (Part – I : Chapters – 1 – 7)

Web resources :

<http://www.en.wikipedia.org/wiki/Multimedia>

<http://www.webopedia.com/multimedia.html>

Prerequisite : To acquire the knowledge of graphics and Text Processing Tools

Objectives :

1. Understand the multimedia components
2. Develop multimedia applications using Photoshop and Flash

Assessment Details

Announced	:	5
Unannounced	:	5
Cycle test	:	10
Model	:	10
Observation	:	5
Lab model	:	5
Total	:	40

Test Schedule

S.No.	DATE(S)	TEST	TOPICS	DURATION
1	08-08-2012	Cycle Test	First Two units	2 periods
2	August' 2012	Announced Quiz	Unit 1 & 2	20 minutes
3	September'2012	Unannounced Quiz	Unit 3,4 & 5	20 minutes
4	10-10-2012	Model Examination	Full Syllabus	3 hours

Outcomes

Students who have successfully completed this course will have full understanding of the following concepts

Course outcome	Program outcome
<ul style="list-style-type: none"> • The basic idea about Multimedia • How multimedia applied in various components • The Basic software Tools • Introduction about Photoshop 7 • Introduction about Flash 5 	<ul style="list-style-type: none"> • To understand the concepts of Multimedia • To apply the concepts in various components • To Understand tools and Internet • To use the resources of Photoshop • To understand the Flash 5

Detailed Session Plan

Sessi on No.	Topics to be covered	Time (min)	Ref	Teaching Method	Testing Method
About Multimedia – Making Multimedia Application – Multimedia Skills					
1	Definition for Multimedia	50	1	Facilitates	Question and Answer
2	CD ROM and Multimedia	50	1	Analogy	Group Discussion and Participation
3	Multimedia Applications	50	1	Brain Storming	Quiz and Participation
4	Stages of Multimedia Project	50	1	Demonstration	Dramatizes
5	Needs Of Multimedia	50	1	Explains	Question and Answer
6	Multimedia development Team	50	1	Demonstration	Dramatizes
7	Roles and responsibilities of Project Manager	50	1	Facilitates	Group Discussion
8	Multimedia Designer, Interface designer, Writer	50	1	Show and Tell	Identifies
9	Video Specialist, Audio specialist, MM Programmer	50	1	Analogy	Participation
Text – Sound – Images – Video – Animation					
10	Using Text in Multimedia	50	1	Facilitates	Group Discussion
11	Computers and Text	50	1	Analogy	Participation
12	Hyper media and Hyper text	50	1	BB	Group Discussion
13	Multimedia system sounds	50	1	BB	Group Discussion
14	MIDI Vs Digital Audio	50	1	Comparison	Question and Answer
15	Making Still Images	50	1	BB	Group Discussion
16	Color and Image File Formats	50	1	Presentation	Group Discussion
17	Principles of Animation	50	1	Chart	Participation
18	How Video works	50	1	Explains	Question and Answer
Basic Software Tools – Internet & How it works – Tools for WWW					

19	Text Editing and Word Processing Tools	50	1	BB	Group Discussion
20	Animation, Video and Digital Movie Tools	50	1	Brain Storming	Group Discussion & Comparative Study
21	Internetworking, Connections and Services	50	1	Mini Seminar	Participation
22	WWW and HTML	50	1	Case Study	Question and Answer
23	Multimedia on the Web	50	1	Facilitates	Group Discussion
24	Web Servers and Browsers	50	1	Quiz	Question and Answer
25	Webpage Makers and Site Builders	50	1	Chart	Listen and Participate
26	Plug-ins and Delivery vehicles	50	1	Demonstration	Dramatize
27	Beyond HTML	50	1	Mini Seminar	Participation
Introducing Photoshop 7 – Inside Photoshop – Image Management					
28	Image Editing Theory	50	1	Facilitates	Group Discussion
29	Photoshop Desktop	50	1	Chart	Participation
30	Navigating in Photoshop	50	1	Facilitates	Group Discussion
31	Customizing the Interface	50	1	BB	Group Discussion
32	How Images work	50	1	Facilitates	Group Discussion
33	How to open Duplicate and Save Images	50	1	Presentation	Participation
34	File format Round-up	50	1	BB	Group Discussion
35	Adding File Information and Annotations	50	1	BB	Group Discussion
Mastering the Flash Environment: Panels, Setting and more – Using tools for Navigation and viewing – Working with selection and the PEN tool – Working with the drawing and Painting tools – Applying color – Working with Text					
36	Introducing the Flash 5 Framework	50	1	Facilitates	Group Discussion
37	Finding Applications for Flash 5 Movies	50	1	Case Study	Question and Answer
38	Learning Flash tool Basics	50	1	Facilitates	Do and Explain
39	Using the Menu Bar	50	1	Chart	Group Discussion
40	Using tools for navigation and viewing	50	1	Facilitates	Group Discussion
41	Working with selections and PEN tool	50	1	Presentation	Problem Solving

42	Working with drawing and Painting tools	50	1	Presentation	Problem Solving
43	The Eraser tool	50	1	Presentation	Problem Solving
44	Applying color	50	1	Presentation	Do and Explain
45	Working with Text	50	1	Presentation	Problem Solving

Staff-in-charge

HOD/MCA

1. S.PAUL PRABAKARAN

2. F.EZHIL MARY ARASI

3. R.YAMINI