Sacred Heart College (Autonomous)

Department of School of Communication

MA DIGITAL ANIMATION

Course plan

Academic Year: 2018 – 19

Semester IV

COURSE I: 16P4DGAP14 3D ANIMATION PROJECT

PROGRAMME	M A ANIMATION AND GRAPHIC DESIGN	SEMESTER	4
COURSE CODE AND TITLE	16P4DGAP14- 3D ANIMATION PROJECT	CREDIT	4
HOURS/WEEK	6	HOURS/SEM	108
FACULTY NAME	ABIN JOSE		

COURSE OBJECTIVES
To demonstrate progress in 3D Modeling , texturing ,lighting , Rigging , Animation & final rendering skills
To analyze characteristics of well-designed and executed 3D animation.
To identify the different use of Techniques . tools , Image quality and size for productions.
To understand the industry as a whole by executing all components of development, pre-production, production and post-production planning
To demonstrate the whole production 3D film making process through a Final 3D Animation short film.

SESSION	TOPIC	LEARNING RESOURCES	VALUE ADDITIONS	REMARKS
MODULE I				
1	Introduction and Instruction of final 3D Animation Project	Lecture/ Interaction	PPT Workshop Screening	
2	Production Pipe- line	Lecture/ Interaction	PPT Workshop Screening	
3	Concept Development	Lecture/ Interaction	PPT Workshop Screening	
4	Concept Development	Lecture/Practical	PPT Workshop Screening	
5	Concept Development	Lecture/Practical	PPT Workshop Screening	

6	Concept Finalization and approval	Lecture/Practical	PPT Workshop Screening
7	Story Development	Lecture/Practical	PPT Workshop Screening
8	Story Development	Lecture/Practical	PPT Workshop Screening
9	Story Development	Seminar	PPT / Presentation/ screening
10	Story Development	Lecture/Practical	PPT Screening
11	Final Story	Practical	Workshop Screening
12	Thumbnail Story boarding	Practical	Workshop Screening
13	Thumbnail Story boarding	Presentation	PPT Workshop Screening
MODULE II			
15	Thumbnail Story boarding	Lecture/Practical	PPT Workshop Screening
16	Final Storyboard	Lecture/Practical	PPT Workshop Screening
17	Final Storyboard	Lecture/Practical	PPT Workshop Screening
18	Final Storyboard Presentation	Lecture/Practical	PPT Workshop Screening
19	Animatics	Lecture/Practical	PPT Workshop Screening
20	Animatics	Lecture/Practical	PPT Workshop Screening
21	Character Concept Art	Lecture/Practical	PPT Workshop Screening
22	Character Concept Art	Lecture/Practical	PPT Workshop Screening
23 - 25	Background Concept Art	Lecture/Practical	PPT Workshop

			Screening	
MODULE III				
26 - 27	Props /set concept art	Lecture/Practical	Workshop	
28	Props/set concept art	Lecture/Practical	Workshop	
29	Character Blue print Design	Lecture/Practical	Workshop	
30	Character Blue print Design	Lecture/Practical	Workshop	
31	Final character /props/BG digital concept art	Lecture/Practical	Workshop	
32	Final character /props/BG digital concept art	Lecture/Practical	Workshop	
MODULE 4				
33	Animation Production	Lecture/Practical	Workshop	
34	Animation Production	Lecture/Practical	Workshop	
35	Animation Production	Lecture/Practical	Workshop	
36	Animation Production	Lecture/Practical	Workshop	
37	Progress updation	Lecture/Practical	Presentation / screening	
38	Animation Production	Lecture/Practical	Workshop	
39	Animation Production	Lecture/Practical	Workshop	
40	Animation Production	Lecture/Practical	Workshop	
41	Animation Production	Lecture/Practical	Workshop	
42	Animation Production	Lecture/Practical	Workshop	
43	Animation Production	Lecture/Practical	Workshop	

CIA 2				
MODULE 5				
45	Animation Production	Lecture/Practical	Workshop	
46	Animation Production	Lecture/Practical	Workshop	
47	Animation Production	Lecture/Practical	Workshop	
48	Animation Production	Lecture/Practical	Workshop	
49	Animation Production	Lecture/Practical	Workshop	
50	Animation Production	Lecture/Practical	Workshop	
51	Animation Production	Lecture/Practical	Workshop	
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68	Animation Production	Lecture/Practical	Workshop	
69	Animation Production	Lecture/Practical	Workshop	
70	Animation Production	Lecture/Practical	Workshop	
71	Post Production	Lecture/Practical	Workshop	
72	Post Production	Lecture/Practical	Workshop	
73	Post Production	Lecture/Practical	Workshop	
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75	Post Production	Lecture/Practical	Workshop	

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97	Post Production	Lecture/Practical	Workshop	
98	Post Production	Lecture/Practical	Workshop	
99	Post Production	Lecture/Practical	Workshop	
100	Post Production	Lecture/Practical	Workshop	
101	Post Production	Lecture/Practical	Workshop	
102	Post Production	Lecture/Practical	Workshop	
103	Post Production	Lecture/Practical	Workshop	
104	Post Production	Lecture/Practical	Workshop	
105	Post Production	Lecture/Practical	Workshop	
106	Post Production	Lecture/Practical	Workshop	
107	Post Production	Lecture/Practical	Workshop	

108	Project submission			

INDIVIDUAL ASSIGNMENTS/SEMINAR – Details & Guidelines

	Date of completion	Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc.)
1	16/12/2018	Pre-Production
2	19/12/2018	Storyboard

GROUP ASSIGNMENTS/ACTIVITIES – Details & Guidelines

	Date of completion	Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc.)
1	12/12/2018	Modeling & Texturing
2	03/10/2018	Rigging & Animation

References

- Mastering Maya 2009

- Autodesk Knowledge

- The Animator's Survival Kit: Richard Williams

- . Digital Animation Bible - Creating Professional Animation With 3Ds Max, Lightwave,

And Maya: George Avgerakis

COURSE II: 16P4DGAP15 PORT FOLIO

PROGRAMME	MA DIGITAL ANIMATION	SEMESTER	4
COURSE CODE AND TITLE	16P4DGAP15: PORT FOLIO	CREDIT	4
HOURS/WEEK	2	HOURS/SEM	36
FACULTY NAME	APARNA S. K		

COURSE OBJECTIVES
To showcase their production works
To create effective documentation of the planning, process and outcomes of all the Courses
To create effective Blog or Site to reflect practice and professional development.
To create Specialised Animation Styles, interactive elements and production techniques for a production-oriented output.

SESSION	TOPIC	LEARNING RESOURCES	VALUE ADDITIONS	REMARKS
MODULE I				
1	Portfolio preparation	Lecture and discussion	Videos	
2	Portfolio preparation	Lecture and discussion		
3	Portfolio preparation	Lecture and discussion		
4	Portfolio preparation	Workshop		
5	Portfolio preparation	Workshop		
6	Portfolio preparation	Workshop		
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31	Portfolio preparation	Workshop		
32	Portfolio preparation	Workshop		
33	Portfolio preparation	Workshop		
35	Portfolio preparation	Workshop		
36	Portfolio Submission			

INDIVIDUAL ASSIGNMENTS/SEMINAR – Details & Guidelines

	Date of completion	Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc)
1	10/3/2019	Submission of Portfolio folder

COURSE III: 16P4DGAP16 RESEARCH

PROGRAMME	MA DIGITAL ANIMATION	SEMESTER	4
COURSE CODE AND TITLE	16P4DGAP16: RESEARCH	CREDIT	4
HOURS/WEEK	5	HOURS/SEM	72
FACULTY NAME	SHANTHI MATHAI		

COURSE OBJECTIVES
To demonstrate their capacity to carry out a substantial piece of academic work on a selected topic in the field of Media Studies.
To define a research problem for examination and articulate a coherent scheme for examining the topic.
To gather the relevant information and analyse and present this information in a way which satisfactorily assesses the topic.
To write a thesis report.

SESSION	TOPIC	LEARNING RESOURCES	VALUE ADDITIONS	REMARKS
MODULE I				
1	Writing the introduction of the thesis	Lecture		
2	Area of Research	Lecture and discussion		
3	Research problem	Lecture and discussion		
4	Research problem	Lecture and discussion		
5	Importance of the problem	Lecture and discussion		
6	Research objectives	Lecture and discussion		
7	Research questions	Lecture and discussion		
8	Hypothesis	Lecture and discussion	Class exercise	
9	Hypothesis	Lecture and discussion		
10	Literature Review	Lecture and discussion		
11	Literature Review	Lecture and discussion		

11	Methodology	Lecture and discussion		
12	Methodology	Lecture and discussion		
13	Methods of data collection	Lecture and discussion	Video lectures	
14	Methods of data collection	Lecture and discussion		
15	Methodology	Lecture and discussion		
16	Methodology	Lecture and discussion		
17	Methodology	Lecture and discussion		
18	Sampling	Lecture and discussion	Video lectures	
19	Sampling	Lecture and discussion	Class exercises	
20	Sampling	Lecture and discussion		
21	Data analysis - Qualitative	Lecture and discussion		
22	Data analysis - Quantitative	Lecture and discussion		
23	Avoiding Plagiarism	Lecture and discussion		
24	Referencing	Lecture and discussion	Class exercises	
25	Referencing	Lecture and discussion		
26	Research Project planning and Budgeting	Lecture and discussion		
27	Dissertation Formats and Submission	Lecture and discussion		
MODULE II				
28	Writing Literature Review	Research Work		
29	Writing Literature Review	Research Work		
30	Writing Literature Review	Research Work		
31	Writing Literature Review	Research Work		
32	Writing Literature Review	Research Work	Tutorial by guide	
33	Writing Literature Review	Research Work		
35	Writing Literature Review	Research Work		
36	Writing Literature Review	Research Work		
37	Writing Literature Review	Research Work		
MODULE III				
38	Data Collection	Research Work		
40	Data Collection	Research Work		

41	Data Collection	Research Work	
42	Data Collection	Research Work	Tutorial by guide
43	Data Collection	Research Work	
44	Data Collection	Research Work	
45	Data Collection	Research Work	Tutorial by guide
46	Data Collection	Research Work	
47	Data Collection	Research Work	
48	Data Collection	Tutorial by guide	
49	Data Collection	Tutorial by guide	
Module IV			
50	Data analysis and interpretation	Research Work	
51	Data analysis and interpretation	Research Work	
52	Data analysis and interpretation	Research Work	
53	Data analysis and interpretation	Research Work	
54	Data analysis and interpretation	Research Work	
55	Data analysis and interpretation	Research Work	
56	Data analysis and interpretation	Research Work	
57	Data analysis and interpretation	Research Work	
58	Data analysis and interpretation	Research Work	Tutorial by guide
59	Data analysis and interpretation	Research Work	
60	Data analysis and interpretation	Research Work	
61	Data analysis and interpretation	Research Work	
62	Data analysis and interpretation	Research Work	
63	Data analysis and interpretation	Research Work	
64	Data analysis and interpretation	Tutorial by guide	

65	Data analysis and interpretation	Tutorial by guide		
MODULE V				
66	Writing the conclusion	Research Work	Tutorial by guide	
67	Writing the conclusion	Research Work		
68	Writing the conclusion	Research Work		
69	Writing the conclusion	Research Work		
70	Writing the conclusion	Research Work		
71	Writing the conclusion	Tutorial by guide		
72	Concluding session	Interactive session		

INDIVIDUAL ASSIGNMENTS/SEMINAR – Details & Guidelines

	Date of completion	Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc)
1	12/01/2019	Submission of chapters 1,2,3,4,5
2	15/03/2019	Submission of Thesis Report