

Sacred Heart College (Autonomous)
Department of School of Communication
MA DIGITAL ANIMATION

Course plan
Academic Year: 2016 - 17
Semester I

COURSE I: 16P1DGAT01 HISTORY OF ANIMATION

| | | | |
|-----------------------|---------------------------------|-----------|----|
| PROGRAMME | MA DIGITAL ANIMATION | SEMESTER | 1 |
| COURSE CODE AND TITLE | 16P1DGAT01 HISTORY OF ANIMATION | CREDIT | 4 |
| HOURS/WEEK | 4 | HOURS/SEM | 72 |
| FACULTY NAME | APARNA S K | | |

| COURSE OBJECTIVES |
|--|
| To explain the brief prehistory of animation |
| To summarize the role of pioneers in animation |
| To analyse the style of Disney animation |
| To examine the experimental animation from NFBC |
| To classify different styles of Japanese animation |

| SESSION | TOPIC | LEARNING RESOURCES | VALUE ADDITIONS | REMARKS |
|-----------------|--|-------------------------------|------------------------|----------------|
| MODULE I | | | | |
| 1. | Introductory Session A Brief Prehistory of animation. | Lecturing and Discussions | | |
| 2. | Introductory Session A Brief Prehistory of animation. | Discussions and Brainstorming | PPT | |
| 3. | Persistence of Vision | Lecturing and Discussions | | |
| 4. | Early attempts of animation | Lecturing and Discussions | | |
| 5. | Early attempts of animation | Lecturing and Discussions | | |
| 6. | Thaumatrope | Lecturing and Discussions | | |
| 7. | Thaumatrope, Phenakistoscope | PPT | | |
| 8. | Optical devices | Discussions | Video | |
| 9. | Zoetrope | PPT & Lecturing | Video | |

| | | | | |
|-----------------|--------------------------|-------------------------------|-------|--|
| 10. | Praxinoscope | PPT & Lecturing | Video | |
| 11. | Magic Lantern | PPT & Lecturing | Video | |
| 12. | Flip Book | PPT & Lecturing | Video | |
| 13. | Invention of photography | PPT & Lecturing | | |
| 14. | Kinetoscope | PPT | Video | |
| 15. | Cinematograph | Lecturing & Discussions | Video | |
| 16. | Early comic strips | Lecturing & Discussions | Video | |
| 17. | Early comic strips | Lecturing & Discussions | Video | |
| 18. | Early comic strips | Lecturing & Discussions | Video | |
| 19. | Early comic strips | Lecturing & Discussions | Video | |
| 20. | Early comic strips | Lecturing and Discussions | Video | |
| 21. | Early comic strips | Discussions and Brainstorming | Video | |
| MODULE 2 | | | | |
| 22. | Pioneers in Animation | Lecturing and Discussions | Video | |
| 23. | Pioneers in Animation | Lecturing and Discussions | Video | |
| 24. | Pioneers in Animation | Lecturing and Discussions | Video | |
| 25. | CIA1 | | | |
| 26. | Evaluation of CIA1 | | | |
| 27. | Pioneers in Animation | PPT & Lecturing | Video | |
| 28. | Pioneers in Animation | PPT & Lecturing | Video | |
| 29. | Pioneers in Animation | PPT & Lecturing | Video | |
| 30. | Pioneers in Animation | PPT & Lecturing | Video | |
| 31. | Pioneers in Animation | PPT & Lecturing | Video | |
| 32. | Pioneers in Animation | PPT | Video | |

| | | | | |
|-----------------|---------------------------------|--------------------------------|-------|--|
| 33. | Pioneers in Animation | Lecturing & Discussions | Video | |
| 34. | Pioneers in Animation | Lecturing & Discussions | Video | |
| 35. | Pioneers in Animation | Lecturing & Discussions | Video | |
| 36. | Pioneers in Animation | Lecturing & Discussions | Video | |
| 37. | Pioneers in Animation | Lecturing & Discussions | Video | |
| 38. | Pioneers in Animation | Lecturing and Discussions | Video | |
| 39. | Pioneers in Animation | Discussions and Brain storming | Video | |
| MODULE 3 | | | | |
| 40. | Disney Studio | Lecturing and Discussions | Video | |
| 41. | Disney Studio | Lecturing and Discussions | Video | |
| 42. | Disney Studio | Lecturing and Discussions | Video | |
| 43. | Disney Style | PPT | Video | |
| 44. | Disney Feature films | | Video | |
| 45. | Disney Feature films | PPT & Lecturing | Video | |
| 46. | Disney Feature films | PPT & Lecturing | Video | |
| 47. | Disney Nine Old men | PPT & Lecturing | Video | |
| 48. | Disney Nine Old men | PPT & Lecturing | Video | |
| 49. | Principles of Animation | PPT & Lecturing | Video | |
| 50. | Principles of Animation | PPT | Video | |
| MODULE 4 | | | | |
| 51. | Experimental Animations of NFBC | Lecturing & Discussions | Video | |
| 52. | Experimental Animations of NFBC | Lecturing & Discussions | Video | |
| 53. | Experimental Animations of NFBC | Lecturing & Discussions | Video | |
| 54. | Experimental Animations of NFBC | Lecturing & Discussions | Video | |

| | | | | |
|-----------------|---------------------------------|--------------------------------|-------|--|
| 55. | Experimental Animations of NFBC | Lecturing and Discussions | Video | |
| 56. | Experimental Animations of NFBC | Discussions and Brain storming | Video | |
| 57. | Experimental Animations of NFBC | Lecturing and Discussions | Video | |
| 58. | Experimental Animations of NFBC | Lecturing and Discussions | Video | |
| 59. | Experimental Animations of NFBC | Lecturing and Discussions | Video | |
| MODULE 5 | | | | |
| 60. | Japanese Animation | PPT | Video | |
| 61. | Japanese Animation | Discussion | | |
| 62. | Manga style | PPT & Lecturing | Video | |
| 63. | Manga style | PPT & Lecturing | Video | |
| 64. | Manga style | PPT & Lecturing | Video | |
| 65. | Manga style | PPT & Lecturing | Video | |
| 66. | Anime Style | PPT & Lecturing | Video | |
| 67. | Anime Style | PPT & Lecturing | Video | |
| 68. | Anime Style | PPT | Video | |
| 69. | Anime Style | Lecturing & Discussions | Video | |
| 70. | Revision | Lecturing & Discussions | | |
| 71. | Revision | Lecturing & Discussions | Video | |
| 72. | Revision | Lecturing & Discussions | Video | |

| Sl No | Date of completion | Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc) |
|--------------|---------------------------|--|
| 1 | 15/08/2016 | Optical Devices |
| 2 | 04/10/2016 | The Disney feature films – development of the Disney style, evolution of the principles of animation.(group) |
| 3 | 22/10/2016 | Presentation on Indian Animation-Part I(group) |
| 4 | 12/11/2016 | Presentation on Japanese Animation-Part II(group) |

REFERENCES

1. Leonard Maltin, Of Mice and Magic: A History of American Animated Cartoons, Plume (2 October 1980)
2. Charles Solomon, The History of Animation, Random House Value Publishing; Revised edition (16 October 1994)
3. Jonathan Clements & Helen McCarthy, The Anime Encyclopaedia: A Guide to Japanese Animation Since 1917, Titan Books Ltd (27 April 2007)
4. Charles Solomon, Enchanted Drawings: The History of Animation , Knopf (14 November 1989)

COURSE II: 16P1DGAP01 2D DESIGN

| | | | |
|--------------|-----------------------------|-------------|---------------|
| PROGRAMME | MA DIGITAL ANIMATION | SEMESTER | I |
| COURSE CODE | 16P1DGAP01 | CREDIT | 4 |
| COURSE TITLE | 2D DESIGN | HOURS/ SEM | 72 HRS |
| FACULTY NAME | KISHORE KUMAR. P | HOURS/ WEEK | 5 |

| |
|---|
| COURSE OBJECTIVES |
| To develop the skill of quick drawing Life Sketches with Line of Action |
| To build the dimensions of Perspective |
| To make use of the Anatomy of Human Body |
| To make use of the Anatomy of Animals Birds and Reptiles |
| To analyse Characters according to the concept/story |

| SESSION | TOPIC | LEARNING RESOURCES | VALUE ADDITIONS | REMARKS |
|-----------------|-----------------------------------|---------------------|-----------------|---------|
| UNIT - 1 | | | | |
| 1 | Introduction | Lecture & Practical | Live Session | |
| 2 | Sketching and Loosening exercises | Lecture & Practical | Live Session | |
| 3 | Sketching and Loosening exercises | Lecture & Practical | Live Session | |
| 4 | Sketching and Loosening exercises | Lecture & Practical | Live Session | |
| 5 | Sketching and Loosening exercises | Lecture & Practical | Live Session | |
| 6 | Drawing from : | Lecture & Practical | Live Session | |
| 7 | Still-life Drawing | Lecture & Practical | Live Session | |
| 8 | Still-life Drawing | Lecture & Practical | Live Session | |
| 9 | Still-life Drawing | Lecture & Practical | Live Session | |
| 10 | Still-life Drawing | Lecture & Practical | Live Session | |
| 11 | Sketching Poses | Lecture & Practical | Live Session | |

| | | | | | |
|-----------------|-------------------------------|----------------------|---|--------------|--|
| 12 | Sketching Poses | Lecture Practical | & | Live Session | |
| 13 | Life Sketching | Lecture Practical | & | Live Session | |
| 14 | Life Sketching | Lecture Practical | & | Live Session | |
| 15 | Life Sketching | Lecture Practical | & | Live Session | |
| 16 | Line of Action | Lecture Practical | & | Live Session | |
| 17 | Line of Action | Lecture Practical | & | Live Session | |
| 18 | Line of Action | Lecture Practical | & | Live Session | |
| 19 | Shading and shadows | Lecture Practical | & | Live Session | |
| 20 | Shading and shadows | Lecture Practical | & | Live Session | |
| 21 | Silhouettes | Lecture Practical | & | Live Session | |
| 22 | Caricaturing | Lecture Practical | & | Live Session | |
| 23 | Caricaturing | Lecture Practical | & | Live Session | |
| 24 | Caricaturing | Lecture Practical | & | Live Session | |
| UNIT - 2 | | | | | |
| 25 | Perspective drawing | Lecture Practical | & | Live Session | |
| 26 | Basics of Perspective Drawing | Lecture Practical | & | Live Session | |
| 27 | Single point perspective | Lecture Practical | & | Live Session | |
| 28 | Single point perspective | Lecture Practical | & | Live Session | |
| 29 | Single point perspective | Lecture Practical | & | Live Session | |
| 30 | Single point perspective | Lecture Practical | & | Live Session | |
| 31 | Two point perspective | Lecture Practical | & | Live Session | |
| 32 | Two point perspective | Lecture Practical | & | Live Session | |
| 33 | Two point perspective | Lecture Practical | & | Live Session | |
| 34 | Two point perspective | Lecture Practical | & | Live Session | |
| 35 | Two point perspective | Lecture Practical | & | Live Session | |

| | | | | | |
|-----------------|---|----------------------|---|--------------|--|
| 36 | Three point perspective | Lecture Practical | & | Live Session | |
| 37 | Three point perspective | Lecture Practical | & | Live Session | |
| 38 | Three point perspective | Lecture Practical | & | Live Session | |
| 39 | Three point perspective | Lecture Practical | & | Live Session | |
| 40 | Multi- Point Perspective | Lecture Practical | & | Live Session | |
| UNIT - 3 | | | | | |
| 41 | Human Anatomy | Lecture Practical | & | Live Session | |
| 42 | Male and Female Anatomy | Lecture Practical | & | Live Session | |
| 43 | Male and Female Anatomy | Lecture Practical | & | Live Session | |
| 44 | Male and Female Anatomy | Lecture Practical | & | Live Session | |
| 45 | Male and Female Anatomy | Lecture Practical | & | Live Session | |
| 46 | Anatomy of Different Age Groups | Lecture Practical | & | Live Session | |
| 47 | Anatomy of Different Age Groups | Lecture Practical | & | Live Session | |
| 48 | Anatomy of Different Age Groups | Lecture Practical | & | Live Session | |
| 49 | Anatomy of Different Age Groups | Lecture Practical | & | Live Session | |
| 50 | Anatomy of Different Age Groups | Lecture Practical | & | Live Session | |
| 51 | Basic Understanding of the Skeletal and Muscle System | Lecture Practical | & | Live Session | |
| 52 | Basic Understanding of the Skeletal and Muscle System | Lecture Practical | & | Live Session | |
| 53 | Study of Poses | Lecture Practical | & | Live Session | |
| 54 | Study of Poses | Lecture Practical | & | Live Session | |
| 55 | Study of Poses | Lecture Practical | & | Live Session | |
| UNIT - 4 | | | | | |
| 56 | Anatomy of Animals, Birds, Reptiles | Lecture Practical | & | Live Session | |
| 57 | Body Structure | Lecture Practical | & | Live Session | |

| | | | | | |
|-----------------|------------------------------------|----------------------|---|--------------|--|
| 58 | Body Structure | Lecture Practical | & | Live Session | |
| 59 | Body Structure | Lecture Practical | & | Live Session | |
| 60 | Body Structure | Lecture Practical | & | Live Session | |
| 61 | Perspective drawing | Lecture Practical | & | Live Session | |
| 62 | Perspective drawing | Lecture Practical | & | Live Session | |
| 63 | Perspective drawing | Lecture Practical | & | Live Session | |
| 64 | Perspective drawing | Lecture Practical | & | Live Session | |
| 65 | Perspective drawing | Lecture Practical | & | Live Session | |
| UNIT - 5 | | | | | |
| 66 | Character Types : | Lecture Practical | & | Live Session | |
| 67 | Character Analysis | Lecture Practical | & | Live Session | |
| 68 | Understanding Cartoon Characters : | Lecture Practical | & | Live Session | |
| 69 | Understanding Cartoon Characters : | Lecture Practical | & | Live Session | |
| 70 | Understanding Cartoon Characters : | Lecture Practical | & | Live Session | |
| 71 | Cartoon Character: | Lecture Practical | & | Live Session | |
| 72 | Cartoon Character: | Lecture Practical | & | Live Session | |
| 73 | Cartoon Character: | Lecture Practical | & | Live Session | |
| 74 | Cartoon Character: | Lecture Practical | & | Live Session | |
| 75 | Cartoon Character: | Lecture Practical | & | Live Session | |
| 76 | Expressions: (Hand) | Lecture Practical | & | Live Session | |
| 77 | Expressions: (Hand) | Lecture Practical | & | Live Session | |
| 78 | Expressions: (Hand) | Lecture Practical | & | Live Session | |
| 79 | Expressions: (Hand) | Lecture Practical | & | Live Session | |
| 80 | Expressions: (Hand) | Lecture Practical | & | Live Session | |
| 81 | Classic Cartoon Characters: | Lecture Practical | & | Live Session | |

| | | | |
|----|-----------------------------|---------------------|--------------|
| 82 | Classic Cartoon Characters: | Lecture & Practical | Live Session |
| 83 | Classic Cartoon Characters: | Lecture & Practical | Live Session |
| 84 | Types of Construction: | Lecture & Practical | Live Session |
| 85 | Types of Construction: | Lecture & Practical | Live Session |
| 86 | Fairy Tale Characters: | Lecture & Practical | Live Session |
| 87 | Fairy Tale Characters: | Lecture & Practical | Live Session |
| 88 | Fairy Tale Characters: | Lecture & Practical | Live Session |
| 89 | Fairy Tale Characters: | Lecture & Practical | Live Session |
| 90 | Fairy Tale Characters: | Lecture & Practical | Live Session |

| | Date of completion | Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc) |
|----|---------------------------|--|
| 1 | 27/07/2016 | Still Life Sketching |
| 2 | | Sketching Poses |
| 3 | 06/08/2016 | Perspective : One Point |
| 4 | 20/08/2016 | Perspective : Two Point |
| 5 | 28/08/2016 | Perspective : Three Point |
| 6 | 05/09/2016 | Human Anatomy : Male |
| 7 | 15/09/2016 | Human Anatomy : Female |
| 8 | 27/09/2016 | Anatomy Animal, Reptiles |
| 9 | 09/10/2016 | Anatomy Birds, Insects |
| 10 | 15/10/2016 | Character design & Expressions |
| 11 | 23/10/2016 | Type of Characters |
| 12 | 07/11/2016 | Fairy Tale Characters |

REFERENCES

- 1 Andrew Loomis, Drawing the Head and Hand, Titan Books (25 October 2011)
- 2 Victor Perard, Anatomy and Drawing, New Enlarged Edition (1 December 2006)
- 3 The Art of Composition : Michael Jacobs
- 4 Perspective Drawing Handbook: Joseph D'Amelio
- 5 Figure Drawing All its worth – Andrew Loomis
- 6 Drawing Dynamic Hands : Burne Hogarth
- 7 The Art of Animal Drawing: Construction, Action, Analysis, Caricature: Ken Hultgen
- 8 Bird Anatomy for Artists: Natalia Balo
- 9 Cartoon Animation: Preston Blair
- 10 Disney Animation - The Illusion of Life: Frank Thomas and Ollie Johnston

COURSE III: 16P1DGAP02 FILM TECHNIQUES

| | | | |
|-----------------------|----------------------------|-----------|----|
| PROGRAMME | MA DIGITAL ANIMATION | SEMESTER | 1 |
| COURSE CODE AND TITLE | 16P1DGAP02 FILM TECHNIQUES | CREDIT | 4 |
| HOURS/WEEK | 5 | HOURS/SEM | 72 |
| FACULTY NAME | BONEY VARGHESE P TITUS | | |

| COURSE OBJECTIVES |
|---|
| To explain the types of camera, lenses and other devices used in Photography |
| To analyze the study of Photography/ Cinematic frames and compositions, the study and practice of production enhance their work as film scholars. |
| To identify the different use of lenses, 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 analyze the study of Photography/ Cinematic frames and compositions, the study and practice of production enhance their work as film scholars. |

| Session | Topic | Method of Teaching | Value Additions | REMARKS |
|------------------|---------------------------------|----------------------|---------------------|---------|
| MODULE I | | | | |
| 1 | Introduction | Lecture/ Interaction | Screening/Practical | |
| 2 | Visual Grammar | Lecture/ Interaction | Screening/Practical | |
| 3 | Visual Grammar | Lecture/ Interaction | Screening/Practical | |
| 4 | Aesthetics of Frame Composition | Lecture/ Interaction | Screening/Practical | |
| 5 | Study of Camera | Lecture/ Interaction | Screening/Practical | |
| 6 | Study of Camera | Lecture/ Interaction | Screening/Practical | |
| 7 | Study of Camera | Lecture/ Interaction | Screening/Practical | |
| 8 | Camera angles and movements | Lecture/ Interaction | Screening/Practical | |
| 9 | Camera angles and movements | Lecture/ Interaction | Screening/Practical | |
| 10 | Camera angles and movements | Lecture/ Interaction | Screening/Practical | |
| MODULE II | | | | |

| | | | | |
|-------------------|--|----------------------|---------------------|--|
| 11 | Methods of Digital Imaging | Lecture/ Interaction | Screening/Practical | |
| 12 | Methods of Digital Imaging | Lecture/ Interaction | Screening/Practical | |
| 13 | Methods of Digital Imaging | Lecture/ Interaction | Screening/Practical | |
| 14 | Techniques of Digital Imaging | Lecture/ Interaction | Screening/Practical | |
| 15 | Techniques of Digital Imaging | Lecture/ Interaction | Screening/Practical | |
| 16 | Techniques of Digital Imaging | Lecture/ Interaction | Screening/Practical | |
| 17 | Photography, ISO, Shutter speed | Lecture/ Interaction | Screening/Practical | |
| 18 | Photography, ISO, Shutter speed | Lecture/ Interaction | Screening/Practical | |
| 19 | Photography, ISO, Shutter speed | Lecture/ Interaction | Screening/Practical | |
| 20 | Photography, ISO, Shutter speed | Lecture/ Interaction | Screening/Practical | |
| 21 | Photography, ISO, Shutter speed | Lecture/ Interaction | Screening/Practical | |
| 22 | Photography, ISO, Shutter speed | Lecture/ Interaction | Screening/Practical | |
| 23 | Photography, ISO, Shutter speed | Lecture/ Interaction | Screening/Practical | |
| 24 | Photography, ISO, Shutter speed | Lecture/ Interaction | Screening/Practical | |
| 25 | Photography, ISO, Shutter speed | Lecture/ Interaction | Screening/Practical | |
| MODULE III | | | | |
| 26 | Creating Visual arts | Lecture/ Interaction | Screening/Practical | |
| 27 | Creating Visual arts | Lecture/ Interaction | Screening/Practical | |
| 28 | Creating Visual arts | Lecture/ Interaction | Screening/Practical | |
| 29 | Technology of imaging moving objects in Cinematography | Lecture/ Interaction | Screening/Practical | |
| 30 | Technology of imaging moving objects in Cinematography | Lecture/ Interaction | Screening/Practical | |
| 31 | Technology of imaging moving objects in Cinematography | Lecture/ Interaction | Screening/Practical | |
| MODULE IV | | | | |
| 32 | Types & methods of lights | Lecture/ Interaction | Screening/Practical | |
| 33 | Types & methods of lights | Lecture/ Interaction | Screening/Practical | |
| 34 | Types & methods of lights | Lecture/ Interaction | Screening/Practical | |
| 35 | Types & methods of lights | Lecture/ Interaction | Screening/Practical | |

| | | | | |
|-----------------|--|----------------------|---------------------|--|
| 36 | Types & methods of lights | Lecture/ Interaction | Screening/Practical | |
| 37 | Types & methods of lights | Lecture/ Interaction | Screening/Practical | |
| 38 | Design of Light and Art of Lighting | Lecture/ Interaction | Screening/Practical | |
| 39 | Design of Light and Art of Lighting | Lecture/ Interaction | Screening/Practical | |
| 40 | Design of Light and Art of Lighting | Lecture/ Interaction | Screening/Practical | |
| 41 | Design of Light and Art of Lighting | Lecture/ Interaction | Screening/Practical | |
| 42 | Design of Light and Art of Lighting | Lecture/ Interaction | Screening/Practical | |
| 43 | Design of Light and Art of Lighting | Lecture/ Interaction | Screening/Practical | |
| 44 | Changing trends in Film Lighting Setup | Lecture/ Interaction | Screening/Practical | |
| 45 | Changing trends in Film Lighting Setup | Lecture/ Interaction | Screening/Practical | |
| 46 | Changing trends in Film Lighting Setup | Lecture/ Interaction | Screening/Practical | |
| 47 | Changing trends in Film Lighting Setup | Lecture/ Interaction | Screening/Practical | |
| 48 | Changing trends in Film Lighting Setup | Lecture/ Interaction | Screening/Practical | |
| 49 | Changing trends in Film Lighting Setup | Lecture/ Interaction | Screening/Practical | |
| 50 | Changing trends in Film Lighting Setup | Lecture/ Interaction | Screening/Practical | |
| MODULE V | | | | |
| 51 | Creating the visual space for Screen | Lecture/ Interaction | Screening/Practical | |
| 52 | Creating the visual space for Screen | Lecture/ Interaction | Screening/Practical | |
| 53 | Creating the visual space for Screen | Lecture/ Interaction | Screening/Practical | |
| 54 | Creating the visual space for Screen | Lecture/ Interaction | Screening/Practical | |
| 55 | Creating the visual space for Screen | Lecture/ Interaction | Screening/Practical | |
| 56 | Creating the visual space for Screen | Lecture/ Interaction | Screening/Practical | |
| 57 | Creating the visual space for Screen | Lecture/ Interaction | Screening/Practical | |
| 58 | Creating the visual space for Screen | Lecture/ Interaction | Screening/Practical | |
| 59 | Elements of film screen | Lecture/ Interaction | Screening/Practical | |
| 60 | Elements of film screen | Lecture/ Interaction | Screening/Practical | |

| | | | | |
|----|-------------------------|----------------------|---------------------|--|
| 61 | Elements of film screen | Lecture/ Interaction | Screening/Practical | |
| 62 | Elements of film screen | Lecture/ Interaction | Screening/Practical | |
| 63 | Elements of film screen | Lecture/ Interaction | Screening/Practical | |
| 64 | Elements of film screen | Lecture/ Interaction | Screening/Practical | |
| 65 | Elements of film screen | Lecture/ Interaction | Screening/Practical | |
| 66 | Art Direction | Lecture/ Interaction | Screening/Practical | |
| 67 | Art Direction | Lecture/ Interaction | Screening/Practical | |
| 68 | Art Direction | Lecture/ Interaction | Screening/Practical | |
| 69 | Art Direction | Lecture/ Interaction | Screening/Practical | |
| 70 | Art Direction | Lecture/ Interaction | Screening/Practical | |
| 71 | Art Direction | Lecture/ Interaction | Screening/Practical | |
| 72 | Art Direction | Lecture/ Interaction | Screening/Practical | |

INDIVIDUAL ASSIGNMENTS/SEMINAR – Details & Guidelines

| | Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc) |
|---|--|
| 1 | Different genre of photography |
| 2 | Go to a space without your camera and then go back with your camera afterward and photograph the things you had noticed. |
| 3 | Include the 9 elements of art. Light, Shadow, line, shape, form, texture, color, size, depth |
| 4 | Submit 60 photos |

REFERENCES

| |
|---|
| Read this if You Want to Take Good Photographs Author: Henry Carroll |
| The Art of Photography 2nd edition: A Personal Approach to Artistic Expression Author: Bruce Barnbaum |
| Extraordinary Everyday Photography Author: Brenda Tharp, Jed Manwaring |

**COURSE IV: 16P1DGAP03-
CONCEPT, LAYOUT & STORYBOARDING**

| | | | |
|-----------------------|---|-----------|----|
| PROGRAMME | M A DIGITAL ANIMATION | SEMESTER | 1 |
| COURSE CODE AND TITLE | 16P1DGAP03- CONCEPT , LAYOUT & STORYBOARDING | CREDIT | 4 |
| HOURS/WEEK | 6 | HOURS/SEM | 72 |
| FACULTY NAME | ABIN JOSE | | |

| COURSE OBJECTIVES |
|---|
| To demonstrate progress in basic concept development , story making making and storyboard development skills |
| To analyze well-designed concepts and stories |
| To identify the different story genres, concept quality and perfection of storyboards for productions. |
| To understand the industry as a whole by executing all components of development in pre-production planning |
| To demonstrate the pre-production 3D Film making process especially concept development , story , script and the storyboard |

| SESSION | TOPIC | LEARNING RESOURCES | VALUE ADDITIONS | REMARKS |
|---------|--|-------------------------|------------------------------|---------|
| | MODULE I | | | |
| 1 | Introduction to Story Telling | Lecture/ Interaction | PPT Workshop Screening | |
| 2 | Concept Development | Lecture/ Interaction | PPT Workshop Screening | |
| 3 | Story Telling Strategy | Lecture/ Interaction | PPT Workshop Screening | |
| 4 | Introduction - Plot, beginning, middle and | Lecture/Practical | PPT Workshop | |

| | | | | |
|----|--|-------------------|--|--|
| | end, engage an audience, characters roles | | Screening | |
| 5 | The art of storytelling- Introduction to storytelling unique perspective, favorite stories/films, World & character | Lecture/Practical | PPT Workshop Screening | |
| 6 | The art of storytelling - Introduction to storytelling unique perspective, favorite stories/films, World & character | Lecture/Practical | PPT Workshop Screening | |
| 7 | Story Structure | Lecture/Practical | PPT Workshop Screening | |
| 8 | Story Geners | Lecture/Practical | PPT Workshop Screening | |
| 9 | Pixar Short films | Seminar | PPT / Presentation/ screening | |
| 10 | Pixar Short films | Lecture/Practical | PPT Screening | |
| 11 | Story Formats | Practical | Workshop Screening | |
| 12 | Fiction | Practical | Workshop Screening | |
| 13 | Non Fiction | Presentation | PPT Workshop Screening | |
| | MODULE II | | | |
| 15 | Introduction to Script | Lecture/Practical | PPT Workshop Screening | |
| 16 | Basic Script writing Formats | Lecture/Practical | PPT Workshop Screening | |
| 17 | Screen Description methods | Lecture/Practical | PPT Workshop Screening | |

| | | | | |
|-------------------|---|-------------------|------------------------------|--|
| 18 | Script a short animation film | Lecture/Practical | PPT Workshop Screening | |
| 19 | Script a short animation film | Lecture/Practical | PPT Workshop Screening | |
| 20 | Script a short animation film | | PPT Workshop Screening | |
| 21 | Movie screening _Dual | Lecture/Practical | PPT Workshop Screening | |
| 22 | Movie screening _Dual | Lecture/Practical | PPT Workshop Screening | |
| 23 | movie screening _Monster University | Lecture/Practical | PPT Workshop Screening | |
| CIA -1 | | | | |
| MODULE III | | | | |
| 27 | Monster University Movie Review | Lecture/Practical | Workshop | |
| 28 | Introduction to Story Boarding | Lecture/Practical | Workshop | |
| 29 | Advantages and Applications of storyboard | Lecture/Practical | Workshop | |
| 30 | Importance of storyboards in Animation | Lecture/Practical | Workshop | |
| 31 | Introduction to Camera Angles | Lecture/Practical | Workshop | |
| 32 | Establishing shots | Lecture/Practical | Workshop | |
| MODULE 4 | | | | |
| 33 | Long shot | Lecture/Practical | Workshop | |

| | | | | |
|-----------------|----------------------------------|-------------------|--------------------------|--|
| 34 | Mid Long shot | Lecture/Practical | Workshop | |
| 35 | full shot | Lecture/Practical | Workshop | |
| 36 | closeup / extream close up shots | Lecture/Practical | Workshop | |
| 37 | Over head shot | Lecture/Practical | Presentation / screening | |
| 38 | Tilt / panning shots | Lecture/Practical | Workshop | |
| 39 | Low angle shot / high angle shot | Lecture/Practical | Workshop | |
| 40 | Intro to Thumbnail storyboards | Lecture/Practical | Workshop | |
| 41 | Framing and camera angle methods | Lecture/Practical | Workshop | |
| 42 | Framing and camera angle methods | Lecture/Practical | Workshop | |
| 43 | Framing and camera angle methods | Lecture/Practical | Workshop | |
| CIA 2 | | | | |
| MODULE 5 | | | | |
| 45 | short story thumbnail sketch | Lecture/Practical | Workshop | |
| 46 | short story thumbnail sketch | Lecture/Practical | Workshop | |
| 47 | short story thumbnail sketch | Lecture/Practical | Workshop | |

| | | | | |
|----|---|-------------------|----------|--|
| 48 | final thumbnail storyboard | Lecture/Practical | Workshop | |
| 49 | Hollywood story formats samples | Lecture/Practical | Workshop | |
| 50 | Hollywood story formats samples | Lecture/Practical | Workshop | |
| 51 | Final storyboard Format for a small animation concept | Lecture/Practical | Workshop | |
| 52 | Concept planning _ Final storyboard | Lecture/Practical | Workshop | |
| 53 | Concept Appruval _ Final storyboard | Lecture/Practical | Workshop | |
| 54 | Story_Final storyboard | Lecture/Practical | Workshop | |
| 55 | Thumbnail storyboard_Final storyboard | Lecture/Practical | Workshop | |
| 56 | Final storyboard Production | Lecture/Practical | Workshop | |
| 57 | Final storyboard Production | Lecture/Practical | Workshop | |
| 58 | Final storyboard Production | Lecture/Practical | Workshop | |
| 59 | Final storyboard Production | Lecture/Practical | Workshop | |
| 60 | Final storyboard Production | Lecture/Practical | Workshop | |
| 61 | Final storyboard Production | Lecture/Practical | Workshop | |

| | | | | |
|----|--------------------------------|-------------------|----------|--|
| 62 | Final storyboard Production | Lecture/Practical | Workshop | |
| 63 | Final storyboard Production | Lecture/Practical | Workshop | |
| 64 | Final storyboard Production | Lecture/Practical | Workshop | |
| 65 | Final storyboard Production | Practical | Workshop | |
| 66 | Final storyboard Production | Practical | Workshop | |
| 67 | Final storyboard Production | /Practical | Workshop | |
| 68 | Final storyboard Production | /Practical | Workshop | |
| 69 | Final storyboard Production | Practical | Workshop | |
| 70 | Final storyboard Production | Practical | Workshop | |
| 71 | Final storyboard Production | Practical | Workshop | |
| 72 | Project Presentation | Practical | Workshop | |

INDIVIDUAL ASSIGNMENTS/SEMINAR – Details & Guidelines

| | Date of completion | Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc) |
|---|--------------------|---|
| 1 | 5/8/2016 | Movie review _Monster University |
| 2 | 10/9/2016 | Movie review _Dual movie review |

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 V: 16P1DGAP04: TRADITIONAL ANIMATION

| | | | |
|--------------|-----------------------|-------------|--------|
| PROGRAMME | MA DIGITAL ANIMATION | SEMESTER | I |
| COURSE CODE | 16P1DGAP04 | CREDIT | |
| COURSE TITLE | TRADITIONAL ANIMATION | HOURS/ SEM | 72 HRS |
| FACULTY NAME | KISHORE KUMAR. P | HOURS/ WEEK | 5 |

| |
|---|
| COURSE OBJECTIVES |
| To develop the skill of quick Animation drawing |
| To classify Basics of Animation Principles |
| To create Gesture in Character Animation |
| To build Weight, Mass and Momentum in Animation |
| To analyse of Two & Four Legged Animation |

| SESSION | TOPIC | LEARNING RESOURCES | VALUE ADDITIONS | REMARKS |
|-----------------|-----------------------------------|---------------------|-----------------|---------|
| UNIT - 1 | | | | |
| 1 | Introduction | Lecture & Practical | Live Session | |
| 2 | Sketching and Loosening exercises | Lecture & Practical | Live Session | |
| 3 | Sketching and Loosening exercises | Lecture & Practical | Live Session | |
| 4 | Sketching and Loosening exercises | Lecture & Practical | Live Session | |
| 5 | Sketching and Loosening exercises | Lecture & Practical | Live Session | |
| 6 | Drawing from : | Lecture & Practical | Live Session | |
| 7 | Still-life Drawing | Lecture & Practical | Live Session | |
| 8 | Still-life Drawing | Lecture & Practical | Live Session | |
| 9 | Still-life Drawing | Lecture & Practical | Live Session | |
| 10 | Still-life Drawing | Lecture & Practical | Live Session | |
| 11 | Sketching Poses | Lecture & Practical | Live Session | |
| 12 | Sketching Poses | Lecture & Practical | Live Session | |
| 13 | Sketching Poses | Lecture & Practical | Live Session | |
| 14 | Life Sketching | Lecture & Practical | Live Session | |
| 15 | Life Sketching | Lecture & Practical | Live Session | |
| 16 | Line of Action | Lecture & Practical | Live Session | |
| 17 | Line of Action | Lecture & Practical | Live Session | |
| 18 | Line of Action | Lecture & Practical | Live Session | |
| 19 | Line of Action | Lecture & Practical | Live Session | |

| | | | | |
|-----------------|---------------------------------|---------------------|--------------|--|
| 20 | Line of Action | Lecture & Practical | Live Session | |
| UNIT - 2 | | | | |
| 21 | Planning an Animation | Lecture & Practical | Live Session | |
| 22 | Planning an Animation | Lecture & Practical | Live Session | |
| 23 | Planning an Animation | Lecture & Practical | Live Session | |
| 24 | Planning an Animation | Lecture & Practical | Live Session | |
| 25 | Planning an Animation | Lecture & Practical | Live Session | |
| 26 | Bouncing Ball | Lecture & Practical | Live Session | |
| 27 | Bouncing Ball | Lecture & Practical | Live Session | |
| 28 | Bouncing Ball | Lecture & Practical | Live Session | |
| 29 | Grass Animation | Lecture & Practical | Live Session | |
| 30 | Grass Animation | Lecture & Practical | Live Session | |
| 31 | Pendulum With Thread | Lecture & Practical | Live Session | |
| 32 | Pendulum With Thread | Lecture & Practical | Live Session | |
| 33 | Pendulum With Thread | Lecture & Practical | Live Session | |
| 34 | Man on the Boat | Lecture & Practical | Live Session | |
| 35 | Man on the Boat | Lecture & Practical | Live Session | |
| UNIT - 3 | | | | |
| 36 | Gestures - Hand, Head with Body | Lecture & Practical | Live Session | |
| 37 | Gestures - Hand, Head with Body | Lecture & Practical | Live Session | |
| 38 | Gestures - Hand, Head with Body | Lecture & Practical | Live Session | |
| 39 | Gesture - Shoulder with Body | Lecture & Practical | Live Session | |
| 40 | Gesture - Shoulder with Body | Lecture & Practical | Live Session | |
| 41 | Surprise Reaction-Take | Lecture & Practical | Live Session | |
| 42 | Surprise Reaction-Take | Lecture & Practical | Live Session | |
| 43 | Surprise Reaction-Take | Lecture & Practical | Live Session | |
| 44 | Surprise Reaction-Take | Lecture & Practical | Live Session | |
| 45 | Surprise Reaction-Double Take | Lecture & Practical | Live Session | |
| 46 | Surprise Reaction-Double Take | Lecture & Practical | Live Session | |

| | | | | |
|-----------------|---|---------------------|--------------|--|
| 47 | Surprise Reaction- Double Take | Lecture & Practical | Live Session | |
| 48 | Surprise Reaction- Double Take | Lecture & Practical | Live Session | |
| 49 | Weight, Mass and movement | Lecture & Practical | Live Session | |
| 50 | Weight, Mass and movement | Lecture & Practical | Live Session | |
| UNIT - 4 | | | | |
| 51 | Study of Skelton Pivot Points | Lecture & Practical | Live Session | |
| 52 | Study of Skelton Pivot Points | Lecture & Practical | Live Session | |
| 53 | Study of Skelton Pivot Points | Lecture & Practical | Live Session | |
| 54 | Figure : weight, balance and momentum. | Lecture & Practical | Live Session | |
| 55 | Figure : weight, balance and momentum. | Lecture & Practical | Live Session | |
| 56 | Human Gesture with Weight- Study from 2D Film | Lecture & Practical | Live Session | |
| 57 | Human Gesture with Weight- Study from 2D Film | Lecture & Practical | Live Session | |
| 58 | Human Gesture with Weight- Study from 2D Film | Lecture & Practical | Live Session | |
| 59 | Human Gesture with Weight- Study from 2D Film | Lecture & Practical | Live Session | |
| 60 | Human Gesture with Weight- Study from 2D Film | Lecture & Practical | Live Session | |
| 61 | Weight Lifting | Lecture & Practical | Live Session | |
| 62 | Weight Lifting | Lecture & Practical | Live Session | |
| 63 | Weight Lifting | Lecture & Practical | Live Session | |
| 64 | Weight Lifting | Lecture & Practical | Live Session | |
| 65 | Weight Lifting | Lecture & Practical | Live Session | |
| UNIT - 5 | | | | |
| | 2ND CIA TEST | Lecture & Practical | Live Session | |
| 66 | Analysis of Two Legged Walk | Lecture & Practical | Live Session | |
| 67 | Analysis of Two Legged Walk | Lecture & Practical | Live Session | |
| 68 | Analysis of Two Legged Walk | Lecture & Practical | Live Session | |

| | | | | |
|----|---------------------------------------|---------------------|--------------|--|
| 69 | Analysis of Two Legged Run | Lecture & Practical | Live Session | |
| 70 | Analysis of Two Legged Run | Lecture & Practical | Live Session | |
| 71 | Study of Animal Gestures from 2D Film | Lecture & Practical | Live Session | |
| 72 | Study of Animal Gestures from 2D Film | Lecture & Practical | Live Session | |
| 73 | Study of Animal Gestures from 2D Film | Lecture & Practical | Live Session | |
| 74 | Animal Skelton Pivot Study | Lecture & Practical | Live Session | |
| 75 | Animal Skelton Pivot Study | Lecture & Practical | Live Session | |
| 76 | Analysis of Four Legged Walk | Lecture & Practical | Live Session | |
| 77 | Analysis of Four Legged Walk | Lecture & Practical | Live Session | |
| 78 | Analysis of Four Legged Walk | Lecture & Practical | Live Session | |
| 79 | Analysis of Four Legged Run | Lecture & Practical | Live Session | |
| 80 | Analysis of Four Legged Run | Lecture & Practical | Live Session | |

| | Date of completion | Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc) | REMARKS |
|---|---------------------------|--|----------------|
| 1 | 28/07/2016 | Basics of Animation | |
| 2 | 10/08/2016 | Gestures : Head, Hand | |
| 3 | 18/08/2016 | Surprice Action | |
| 4 | 28/08/2016 | Weight Lifting | |
| 5 | 15/09/2016 | Two Legged : Walk | |
| 6 | 29/09/2016 | Two Legged : Run | |
| 7 | 15/10/2016 | Four Legged : Walk | |
| 8 | 02/11/2016 | Four Legged : Run | |

REFERENCES

- 1 Eadweard Muybridge , The Human Figure in Motion, Dover Publications (June 1, 1955)
- 2 Eadweard Muybridge, Animals in Motion, Dover Publications; 1st edition (June 1, 1957)
- 3 Osamu Tezuka ,Tezuka School of Animation, Watson-Guptill; First Edition edition (September 1, 2003)
- 4 Osamu Tezuka ,Tezuka School of Animation, Watson-Guptill; First Edition edition (September 1, 2003)
- 5 Tony White, How to Make Animated Films: Tony White's Complete Masterclass on the Traditional Principles of Animation, Focal Press; 1 edition (May 12, 2009)