

SACRED HEART COLLEGE(AUTONOMOUS)

SCHOOL OF COMMUNICATION

BA ANIMATION AND GRAPHIC DESIGN

COURSE PLAN

ACADEMIC YEAR: 2018 - 19

SEMESTER - 3

Course Structure (SEMESTER 3)

| Course Code | Title of The Course | No. Hrs./ Week | Credits | Total Hrs./Sem |
|--------------------|--|---------------------------|----------------|---------------------------|
| 15U3CRAGD1 | ART & SOCIETY | 5 | 3 | 72 |
| 15U3PRAGD3 | DESIGN STUDIO I | 5 | 4 | 72 |
| 15U3PRAGD4 | MOTION STUDIES | 5 | 4 | 72 |
| 15U3PRAGD5 | 3D ANIMATION - 1 | 5 | 4 | 72 |
| 15U3PCPNT3 | SCRIPTING & STORYBOARDING FOR ANIMATION | 5 | 4 | 72 |

COURSE 1: ART & SOCIETY

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|--------------|---|------------|---------------|
| PROGRAMME | BA ANIMATION AND GRAPHICS DESIGN | SEMESTER | 3 |
| COURSE CODE | 15U3CRAGD1 | CREDIT | 3 |
| COURSE TITLE | ART & SOCIETY | HOURS/SEM | 72 HRS |
| FACULTY NAME | APARNA SK | HOURS/WEEK | 5 |

| COURSE OBJECTIVES |
|--|
| Explain ancient art and civilizations all over the world |
| Summarize the pictorial origins of written language |
| Classify the birth of epics and sagas |
| Analyze the development of art from 500BC to AD 1930 |
| Develop art management research |

| SESSION | TOPIC | LEARNING RESOURCES | VALUE ADDITIONS | REMARKS |
|------------------|--|--------------------|-----------------|---------|
| MODULE I | | | | |
| 1 | Introductory Session - Unit 01 | PPT | video | |
| 2 | What is Art? | PPT/Lecture | video | |
| 3 | What is the importance of art in a society | PPT/Lecture | video | |
| 4 | What is aesthetics? | PPT/Lecture | video | |
| 5 | Why art and aesthetics? | PPT/Lecture | video | |
| 6 | Ancient Civilization | PPT/Lecture | video | |
| 7 | Indian Civilization | Lecture | video | |
| 8 | Indus valley civilization (art and craft) | Lecture | video | |
| 9 | Chinese civilization and Art | Lecture | video | |
| 10 | Chinese civilization and Art | Lecture | video | |
| 11 | Greek civilization and Art | PPT/Lecture | video | |
| 12 | Greek civilization and Art | PPT/Lecture | video | |
| 13 | Egyptian civilization | PPT/Lecture | video | |
| 14 | Egyptian civilization | | video | |
| MODULE II | | | | |
| 15 | Man's Thought process | PPT/Lecture | video | |
| 16 | Imagination | Lecture | video | |
| 17 | Sense of movement | Lecture | video | |
| 18 | Artistic Products of early man | Lecture | video | |
| 19 | Pictorial Origins and evidence | Lecture | video | |
| 20 | History of writing | PPT/Lecture | video | |
| 21 | Concept of writing | PPT/Lecture | video | |
| 22 | Invention of writing | PPT/Lecture | video | |
| 23 | Writing systems | PPT/Lecture | video | |
| 24 | Literature and writing | Lecture | video | |

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| 25 | Time frame of writing | Lecture | video | |
| 26 | CIA-1 | | | |
| 27 | Writing materials | Lecture | video | |
| 28 | Sign & Signals | Lecture | video | |
| 29 | Cuneiform | PPT/Lecture | video | |
| 30 | Hieroglyphics | PPT/Lecture | video | |
| 31 | Calligraphy | PPT/Lecture | video | |
| 32 | Alphabets | | video | |
| MODULE III | | | | |
| 33 | Epics | PPT/Lecture | video | |
| 34 | Indian Epics (Valmiki, Ramayana & Mahabharata) | PPT/Lecture | video | |
| 35 | Importance of Sanskrit Literature | PPT/Lecture | video | |
| 36 | Tamil, Kannada and Hindi | Lecture | video | |
| 37 | Importance of storytelling introduction to Story. | Lecture | video | |
| 38 | Homer (Iliad and odyssey) | PPT/Lecture | video | |
| 39 | Virgil (the epic Aeneid) | PPT/Lecture | video | |
| 40 | Bharatamuni (Natyasasthra) | PPT/Lecture | video | |
| 41 | Homer (Iliad and odyssey) | PPT/Lecture | video | |
| MODULE IV | | | | |
| 42 | Contemporary trends in art | Lecture | video | |
| 43 | Photography | PPT/Lecture | video | |
| 44 | Sculpture | PPT/Lecture | video | |
| 45 | Painting | PPT/Lecture | video | |
| 46 | Story telling | PPT/Lecture | video | |
| 47 | Cinema | PPT/Lecture | video | |
| 48 | Music | PPT/Lecture | video | |
| 49 | Drawing | PPT/Lecture | video | |
| 50 | Contemporary trends in art | PPT/Lecture | video | |
| 51 | Photography | PPT/Lecture | video | |
| 52 | Sculpture | PPT/Lecture | video | |
| 53 | Painting | PPT/Lecture | video | |
| 54 | Story telling | PPT/Lecture | video | |
| 55 | Cinema | | video | |
| 56 | Music | Lecture | video | |
| 57 | Drawing | PPT/Lecture | video | |
| 58 | Contemporary trends in art | PPT/Lecture | video | |
| 59 | Contemporary trends in art | PPT/Lecture | video | |
| 60 | Contemporary trends in art | PPT/Lecture | video | |
| 61 | Contemporary trends in art | PPT/Lecture | video | |
| 62 | Contemporary trends in art | PPT/Lecture | video | |
| CIA - II | | | | |
| MODULE V | | | | |
| 63 | Art management and Research | Lecture | Group discussion | |
| 64 | Art management and Research | Lecture | Group discussion | |
| 65 | Art management and Research | Lecture | Group discussion | |
| 66 | Art management and Research | Lecture | Group discussion | |

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| 67 | Art management and Research | PPT/Lecture | Group discussion | |
| 68 | Art management and Research | PPT/Lecture | Group discussion | |
| 69 | Art management and Research | PPT/Lecture | Group discussion | |
| 70 | Art management and Research | | Group discussion | |
| 71 | Revision | | Group discussion | |
| 72 | Revision | | Group discussion | |

INDIVIDUAL ASSIGNMENTS/SEMINAR – Details & Guidelines

| | Date of completion | Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc) |
|---|---------------------------|--|
| 1 | 25/07/2018 | Painting practices with various colors schemes. |
| 2 | 20/08/2018 | Introducing handmade collage, collage making techniques and basic idea. |

GROUP ASSIGNMENTS/ACTIVITIES – Details & Guidelines

| | Date of completion | Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc) |
|----------|---------------------------|--|
| 1 | 02/08/2018 | Civilization: History, art and style |
| 2 | 03/10/2018 | Contemporary art trends |

References

- Ramsaye, Terry. Million and One Nights: A History of the Motion Picture Through 1925. Touchstone Books; Reprint edition, 1 May 1986
- 2. Ghosh, Manomahan. Natyasastra: A Treatise on Ancient Indian Dramatory and Histrionics Ascribed to Bharata Muni. Chowkhamba Sanskrit Series Office, 1 January 2009
- 3. Fischer, Ernst. The Necessity of Art. Verso; Reissue edition, 14 June 2010
- 4. Hauser, Arnold. Social History of Art. Routledge; New edition, 31 March 1951
- 5. Arnheim, Rudolf. Art and Visual Perception. University of California Press; 2nd Revised edition, 10 December 2004
- 6. Heraty, Jack. Encyclopedia of World Art. Encyclopedia of World Art, 1 September 1987
- 7. Brown, Percy. Indian Architecture: Buddhist and Hindu. CBS Publishers & Distributors; 1st Ed. edition, 2014
- 8. Brown, Percy. Indian Architecture: Islamic Period. CBS Publishers & Distributors; 1st Ed. edition, 2014

COURSE 2: DESIGN STUDIO I

| | | | |
|--------------|---|------------|---------------|
| PROGRAMME | BA ANIMATION AND GRAPHICS DESIGN | SEMESTER | 3 |
| COURSE CODE | 15U3PRAGD3 | CREDIT | 4 |
| COURSE TITLE | DESIGN STUDIO I | HOURS/SEM | 72 HRS |
| FACULTY NAME | ABHISHEK.R | HOURS/WEEK | 5 |

| COURSE OBJECTIVES |
|---|
| Apply visual vocabulary and use technical skills relevant to graphic design. |
| In-depth understanding of print and branding communication with know-how basics, techniques and technology. |
| Create design for various events and campaigns using various strategies. |
| Knowledge in tools and technology in the creation, reproduction, and distribution of visual messages. |
| Update the latest design trends in Print and branding |

| SESSION | TOPIC | LEARNING RESOURCES | VALUE ADDITIONS | REMARKS |
|-----------------|--------------------------------|-------------------------------|-----------------|---------|
| MODULE I | | | | |
| 1 | Common terms in design | Lecture / Interaction | | |
| 2 | Common terms in design | Lecture / Interaction | | |
| 3 | Common terms in design | Lecture / Interaction | | |
| 4 | Common terms in design | Lecture / Interaction | | |
| 5 | Standard paper sizes | Lecture / Visual Presentation | | |
| 6 | Standard paper sizes | Lecture / Visual Presentation | | |
| 7 | Standard paper sizes | Lecture / Visual Presentation | | |
| 8 | Standard paper sizes | Lecture / Visual Presentation | | |
| 9 | Different types of page layout | Lecture / Visual Presentation | | |
| 10 | Different types of page layout | Lecture / Visual Presentation | | |
| 11 | Different types of page layout | Lecture / Visual Presentation | | |

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|-------------------|---|---|--|--|
| 12 | Different types of page layout | Lecture / Visual Presentation | | |
| 13 | Different types of paper | Lecture / Visual Presentation | | |
| 14 | Different types of paper | Lecture / Visual Presentation | | |
| 15 | Different types of paper | Lecture / Visual Presentation | | |
| 16 | Different types of paper | Lecture / Visual Presentation | | |
| 17 | Different types of binding and folding | Lecture / Visual Presentation | | |
| 18 | Different types of binding and folding | Lecture / Visual Presentation | | |
| 19 | Different types of binding and folding | Lecture / Visual Presentation | | |
| 20 | Different types of binding and folding | Lecture / Visual Presentation | | |
| 21 | Introduction to design | Practical | | |
| 22 | Introduction to design | Practical | | |
| MODULE II | | | | |
| 23 | Different techniques to represent visual images | Lecture / Interaction / Visual Presentation | | |
| 24 | Different techniques to represent visual images | Lecture / Interaction / Visual Presentation | | |
| 25 | Different techniques to represent visual images | Lecture / Interaction / Visual Presentation | | |
| 26 | Representing visual Images to 2D | Practical | | |
| 27 | Representing visual Images to 2D | Practical | | |
| 28 | Representing visual Images to 2D | Practical | | |
| MODULE III | | | | |
| 29 | Corporate logo creation and visual identity | Practical | | |
| 30 | Corporate logo creation and visual identity | Practical | | |
| 31 | Corporate logo creation and visual identity | Practical | | |
| 32 | Different types of logo, logo types, | Practical | | |

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| | typefaces and element placement | | | |
| 33 | Different types of logo, logo types, typefaces and element placement | Practical | | |
| 34 | Different types of logo, logo types, typefaces and element placement | Practical | | |
| 35 | Types of stationary designs | Practical | | |
| 36 | Types of stationary designs | Practical | | |
| 37 | Types of stationary designs | Practical | | |
| 38 | Types of stationary designs | Practical | | |
| 39 | Types of stationary designs | Practical | | |
| 40 | Types of stationary designs | Practical | | |
| 41 | Symbols and Signage | Practical | | |
| 42 | Symbols and Signage | Practical | | |
| 43 | Symbols and Signage | Practical | | |
| MODULE IV | | | | |
| 44 | Poster concept creation and design Principles | Lecture / Visual Presentation/Practical | | |
| 45 | Poster concept creation and design Principles | Lecture / Visual Presentation/Practical | | |
| 46 | Event and campaign posters design | Practical | | |
| 47 | Event and campaign posters design | Practical | | |
| 48 | Event and campaign posters design | Practical | | |
| 49 | Event and campaign posters design | Practical | | |
| 50 | Event and campaign posters design | Practical | | |
| 51 | Different types of advertising techniques | Lecture / Interaction / Visual Presentation | | |
| 52 | Different types of advertising techniques | Lecture / Interaction / Visual Presentation | | |
| 53 | Advertisement creation for newspaper, magazine & online promotion | Practical | | |
| 54 | Advertisement creation for newspaper, magazine & online promotion | Practical | | |
| 55 | Advertisement creation for newspaper, | Practical | | |

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|-----------------|---|---|--|--|
| | magazine & online promotion | | | |
| 56 | Advertisement creation for newspaper, magazine & online promotion | Practical | | |
| 57 | Advertisement creation for newspaper, magazine & online promotion | Practical | | |
| 58 | Advertisement creation for newspaper, magazine & online promotion | Practical | | |
| MODULE V | | | | |
| 59 | Intro brochure design | Lecture / Interaction / Visual Presentation | | |
| 60 | Intro brochure design | Lecture / Interaction / Visual Presentation | | |
| 61 | Brochure design concepts, Selecting fonts, Page size etc. | Lecture / Interaction / Visual Presentation | | |
| 62 | Brochure design concepts, Selecting fonts, Page size etc. | Lecture / Interaction / Visual Presentation | | |
| 63 | Types of folding in brochure | Lecture / Interaction / Visual Presentation | | |
| 64 | Types of folding in brochure | Lecture / Interaction / Visual Presentation | | |
| 65 | Types of folding in brochure | Lecture / Interaction / Visual Presentation | | |
| 66 | Types of folding in brochure | Lecture / Interaction / Visual Presentation | | |
| 67 | Design a basic brochure | Practical | | |
| 68 | Design a basic brochure | Practical | | |
| 69 | Design a basic brochure | Practical | | |
| 70 | Design a basic brochure | Practical | | |
| 71 | Design a basic brochure | Practical | | |
| 72 | Design a basic brochure | Practical | | |

INDIVIDUAL ASSIGNMENTS/SEMINAR – Details & Guidelines

| | Date of completion | Topic of Assignment & Nature of assignment (Individual/Group – Written / Presentation – Graded or Non-graded etc.) |
|---|---------------------------|---|
| 1 | 22/06/2018 | Exploring different types of paper, page layout and different types of folding |
| 2 | 15/07/2018 | Visual images recreating using software |
| 3 | 18/08/2018 | Different types of logo designs |
| 4 | 6/09/2018 | Different types of poster designs |
| 5 | 18/09/2018 | Different types of brochure Designs |

GROUP ASSIGNMENTS/ACTIVITIES – Details & Guidelines

| | Date of completion | Topic of Assignment & Nature of assignment (Individual/Group – Written /Presentation – Graded or Non-graded etc) |
|---|---------------------------|---|
| 1 | Sem end | Poster design on different topics |

References

1. Layout: Design of the Printed Page: Allen Hurlburt
2. Layout Workbook: A Real-World Guide to Building Pages in Graphic Design: Kristin Cullen
3. The Big Book of Layouts: David E. Carter
4. The Definitive Book of Branding: Kartikeya Kompella
5. Brands and Branding: Rita Clifton Et Al
6. Graphics: A Century of Poster and Advertising Design: Alain Weill
7. Poster Design: Big Size Visuals: Marc Gimenez
8. Package Design Workbook: The Art and Science of Successful Packaging: Steven DuPuis

COURSE 3: MOTION STUDIES

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|--------------|---|-------------|---------------|
| PROGRAMME | BA ANIMATION AND GRAPHICS DESIGN | SEMESTER | 3 |
| COURSE CODE | 15U3PRAGD4 | CREDIT | 4 |
| COURSE TITLE | MOTION STUDIES | HOURS/ SEM | 72 HRS |
| FACULTY NAME | ABIN JOSE | HOURS/ WEEK | 5 |

| COURSE OBJECTIVES |
|--|
| Demonstrate progress in basic sculpting, puppet making and animation skills |
| Analyze characteristics of well-designed and executed animation. |
| Identify the different use of materials, Image quality and size for productions. |
| Understanding of the industry as a whole by executing all components of development, pre-production, production and post-production planning |
| Demonstrate that they understand the post-production filmmaking process especially editing. |

| Sessions (Hours) | Topics | Teaching Method | Value Addition/ Remarks | Remarks |
|-------------------------|---|------------------------|--------------------------------|----------------|
| MODULE 1 | | | | |
| 1 | Introduction and applications of Stop motion Animation | Lecture & Practical | Live Session | |
| 2 | History of Stop motion Art | Lecture & Practical | Live Session | |
| 3 | Introduction to Time-lapse Animation | Lecture & Practical | Live Session | |
| 4 | Screening examples of Time-laps videos | Lecture & Practical | Live Session | |
| 5 | Techniques of Time-laps Videos | Lecture & Practical | Live Session | |
| 6 | Techniques of Time-laps Videos | Lecture & Practical | Live Session | |
| 7 | Short Concept Designing for Time-laps. City scape time-laps videos | Lecture & Practical | Live Session | |
| 8 | Short Concept Designing for Time-laps. Environment based time-laps videos | Lecture & Practical | Live Session | |
| 9 | Possibilities of Time-laps Videos | Lecture & Practical | Live Session | |
| 10 | Advantages of time-laps videos | Lecture & Practical | Live Session | |
| 11 | Time-laps clip _Project | Lecture & Practical | Live Session | |
| 12 | Time-laps clip _Project | Lecture & Practical | Live Session | |
| 13 | Time-laps clip _Project Presentation | Lecture & Practical | Live Session | |
| 14 | History of Stop Motion Photography | Lecture & Practical | Live Session | |
| 15 | History of Stop Motion Photography | Lecture & Practical | Live Session | |
| 16 | Stop motion Cameras | Lecture & Practical | Live Session | |
| 17 | Tripods using in Stop motion production | Lecture & Practical | Live Session | |
| 18 | Lighting techniques In Stop motion Animation | Lecture & Practical | Live Session | |
| 19 | Lighting techniques In Stop motion Animation | Lecture & Practical | Live Session | |
| 20 | Concept Developing and Story Making in Stop motion | Lecture & Practical | Live Session | |
| 21 | Making Script for the concept | Lecture & Practical | Live Session | |

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| 22 | Storyboard Techniques | Lecture & Practical | Live Session | |
| 23 | Character designing methods | Lecture & Practical | Live Session | |
| 24 | Choosing materials for character development | Lecture & Practical | Live Session | |
| 25 | Props designing | Lecture & Practical | Live Session | |
| MODULE 2 | | | | |
| 26 | Set planning and set layout | Lecture & Practical | Live Session | |
| 27 | Production Lighting | Lecture & Practical | Live Session | |
| 28 | Production | Lecture & Practical | Live Session | |
| 29 | Post-production Techniques _software | Lecture & Practical | Live Session | |
| 30 | Post-production Techniques _software | Lecture & Practical | Live Session | |
| 31 | Introduction to Cut-out Animation | Lecture & Practical | Live Session | |
| 32 | Concept Development | Lecture & Practical | Live Session | |
| 33 | Character designing | Lecture & Practical | Live Session | |
| 34 | Background designing | Lecture & Practical | Live Session | |
| 35 | choosing materials for characters & background | Lecture & Practical | Live Session | |
| 36 | final layout | Lecture & Practical | Live Session | |
| 37 | Lighting | Lecture & Practical | Live Session | |
| 38 | production | Lecture & Practical | Live Session | |
| 39 | production | Lecture & Practical | Live Session | |
| 40 | postproduction | Lecture & Practical | Live Session | |
| 41 | Screening | Lecture & Practical | Live Session | |
| 42 | Introduction to pixilation Animation | Lecture & Practical | Live Session | |
| 43 | Concept Development | Lecture & Practical | Live Session | |
| 44 | Choosing Objects/characters | Lecture & Practical | Live Session | |
| 45 | Layout & Framing | Lecture & Practical | Live Session | |
| MODULE 3 | | | | |
| 46 | production _ camera controls | Lecture & Practical | Live Session | |
| 47 | production | Lecture & Practical | Live Session | |
| 48 | production | Lecture & Practical | Live Session | |
| 49 | Post Production / editing | Lecture & Practical | Live Session | |
| 50 | sound mixing | Lecture & Practical | Live Session | |
| 51 | Final Presentation | Lecture & Practical | Live Session | |
| 52 | Introduction to Claymation Animation | Lecture & Practical | Live Session | |
| 53 | Production Pipeline methods | Lecture & Practical | Live Session | |
| 54 | Preproduction _ Concept Development | Lecture & Practical | Live Session | |
| 55 | Story Developing | Lecture & Practical | Live Session | |
| MODULE 4 | | | | |
| 56 | Storyboard Thumbnails | Lecture & Practical | Live Session | |
| 57 | Final story board | Lecture & Practical | Live Session | |
| 58 | Animation final layout presentation | Lecture & Practical | Live Session | |
| 59 | Character Design_ Concept art | Lecture & Practical | Live Session | |
| 60 | props designing _ Concept art | Lecture & Practical | Live Session | |
| MODULE 5 | | | | |
| 61 | Background Designing Concept art | Lecture & Practical | Live Session | |
| 62 | Armature/bone_ creation for character | Lecture & Practical | Live Session | |
| 63 | Wrapping and applying clay _ Characters | Lecture & Practical | Live Session | |
| 64 | Final detailing on characters / Background | Lecture & Practical | Live Session | |
| 65 | Production | Lecture & Practical | Live Session | |
| 66 | Production | Lecture & Practical | Live Session | |
| 67 | production | Lecture & Practical | Live Session | |
| 68 | production | Lecture & Practical | Live Session | |
| 69 | production | Lecture & Practical | Live Session | |
| 70 | Post -Production | Lecture & Practical | Live Session | |

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| 71 | sound mixing | Lecture & Practical | Live Session | |
| 72 | Final Project Presentation | Lecture & Practical | Live Session | |

| Module | Date of completion | Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc) |
|--------|--------------------|---|
| 1 | 12-06-2018 | Pixilation Animation (Individual) |
| 2 | 19-06-2018 | Time-laps Animation |
| 3 | 26-06-2018 | Presentation of Cut-out Animation |
| 4 | 28-06-2018 | Presentation of Final Claymation Animation Film |

REFERENCES

- 1 The Animation Book: Kit Laybourne
- 2 The Encyclopaedia of Animation Techniques: A Comprehensive Step-By-Step Directory of Techniques, with an Inspirational Gallery of Finished Works: Richard Taylor
- 3 Stop Motion - Craft skills for model animation: Susannah Shaw
- 4 Stop Motion Passion, Process and Performance: Barry J C Purves
- 5 The Animator's Survival Kit: Richard Williams

COURSE 4: 3D ANIMATION – 1

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|--------------|---|-------------|---------------|
| PROGRAMME | BA ANIMATION AND GRAPHICS DESIGN | SEMESTER | 3 |
| COURSE CODE | 15U3PRAGD5 | CREDIT | 4 |
| COURSE TITLE | 3D ANIMATION - 1 | HOURS/ SEM | 72 HRS |
| FACULTY NAME | ABIN JOSE | HOURS/ WEEK | 5 |

| COURSE OBJECTIVES |
|---|
| Develop the skill of Basic 3d Maya Modeling |
| Classify Basics of Maya interface and tools |
| Texturing methods |
| Create Lighting techniques |
| Analyse of 3D Models |

| Sessions (Hours) | Topics | Teaching Method | Value Addition/ Remarks | Remarks |
|-------------------------|--|------------------------|--------------------------------|----------------|
| MODULE 1 | | | | |
| 1 | Introduction and applications of 3D | Lecture Practical | & Live Session | |
| 2 | Scopes and applications of 3d Animation | Lecture Practical | & Live Session | |
| 3 | 3D Production Pipeline | Lecture Practical | & Live Session | |
| 4 | Types of 3D Software's, File Types Using in 3D Animation | Lecture Practical | & Live Session | |
| 5 | Screening of Pixar Short animated Films | Lecture Practical | & Live Session | |
| MODULE 2 | | | | |
| 6 | Screening of Christmas Carol Full animated movie | Lecture Practical | & Live Session | |
| 7 | Maya interface_ Panels | Lecture Practical | & Live Session | |
| 8 | Orthogonal views | Lecture Practical | & Live Session | |
| 9 | Basic navigation tools | Lecture Practical | & Live Session | |
| 10 | Move, scale, Rotation | Lecture Practical | & Live Session | |
| MODULE 3 | | | | |
| 11 | Introduction to Polygons | Lecture Practical | & Live Session | |
| 12 | Polygon editing_ vertex, face, edge | Lecture Practical | & Live Session | |
| 13 | Boolean | Lecture Practical | & Live Session | |
| 14 | Extrude | Lecture | & Live Session | |

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|-----------------|--|----------------------|---|--------------|
| | | Practical | | |
| 15 | Insert edge loop tool , multi cut tool | Lecture Practical | & | Live Session |
| 16 | merge tool , smooth | Lecture Practical | & | Live Session |
| 17 | Interior modeling_ Kitchen | Lecture Practical | & | Live Session |
| 18 | CIA -1 | Lecture Practical | & | Live Session |
| 19 | Modeling Guns , barrels , Swords other props | Lecture Practical | & | Live Session |
| 20 | Bycycle | Lecture Practical | & | Live Session |
| 21 | Blue Print Setting For Advanced Modeling | Lecture Practical | & | Live Session |
| 22 | Modeling Lamborghini , Pickup Truck | Lecture Practical | & | Live Session |
| 23 | Introduction to Character Modeling _Alian | Lecture Practical | & | Live Session |
| 24 | Alian Modeling | Lecture Practical | & | Live Session |
| 25 | Realistic Human character modeling | Lecture Practical | & | Live Session |
| MODULE 4 | | | | |
| 26 | Realistic Human character modeling | Lecture Practical | & | Live Session |
| 27 | Introduction to texturing | Lecture Practical | & | Live Session |
| 28 | 2D , 3D Textures | Lecture Practical | & | Live Session |
| 29 | Materials and shaders | Lecture Practical | & | Live Session |
| 30 | Planar Mapping | Lecture Practical | & | Live Session |
| 31 | Cuylindrical mapping | Lecture Practical | & | Live Session |
| 32 | Spherical mapping | Lecture Practical | & | Live Session |
| 33 | Automatic mapping, U V Unwrapping | Lecture Practical | & | Live Session |
| 34 | U V Editing, Sewing, Binding | Lecture Practical | & | Live Session |
| 35 | Advanced Texturing | Lecture Practical | & | Live Session |
| 36 | Interior Texturing | Lecture Practical | & | Live Session |
| 37 | Props, Wepons Texturing | Lecture Practical | & | Live Session |
| 38 | Texturing A building. | Lecture Practical | & | Live Session |
| 39 | Landscape Texturing | Lecture Practical | & | Live Session |
| 40 | Introduction to Lighting In MAYA | Lecture Practical | & | Live Session |

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|-----------------|--|----------------------|---|--------------|--|
| 41 | Basic Lights _specialities & Properties | Lecture Practical | & | Live Session | |
| 42 | Shadows in lighting | Lecture Practical | & | Live Session | |
| 43 | Light linking | Lecture Practical | & | Live Session | |
| 44 | 3 Point Lighting | Lecture Practical | & | Live Session | |
| 45 | Interior Lighting In Maya | Lecture Practical | & | Live Session | |
| 46 | Exterior Lighting In maya | Lecture Practical | & | Live Session | |
| 47 | Image Based Lighting In Maya | Lecture Practical | & | Live Session | |
| 48 | Physical Sunlight In maya | Lecture Practical | & | Live Session | |
| 49 | Creature Modeling _Dragon_geometry | Lecture Practical | & | Live Session | |
| 50 | Creature Modeling _Dragon_Body | Lecture Practical | & | Live Session | |
| 51 | Creature Modeling _Dragon_legs | Lecture Practical | & | Live Session | |
| 52 | Creature Modeling _Dragon_Tail | Lecture Practical | & | Live Session | |
| 53 | Creature Modeling _Dragon_nails | Lecture Practical | & | Live Session | |
| 54 | Creature Modeling _Dragon_body Detailing | Lecture Practical | & | Live Session | |
| 55 | Creature Modeling _Dragon_Head | Lecture Practical | & | Live Session | |
| 56 | Creature Modeling _Dragon_Head detail | Lecture Practical | & | Live Session | |
| 57 | Final model _Unwrapping & Texturing | Lecture Practical | & | Live Session | |
| 58 | Dragon _Final output | Lecture Practical | & | Live Session | |
| 59 | Alien Modeling | Lecture Practical | & | Live Session | |
| 60 | Image plane setting | Lecture Practical | & | Live Session | |
| 61 | basic body mesh creation | Lecture Practical | & | Live Session | |
| 62 | basic body mesh creation | Lecture Practical | & | Live Session | |
| 63 | detailing body parts | Lecture Practical | & | Live Session | |
| 64 | Alien Head Modeling | Lecture Practical | & | Live Session | |
| 65 | CIA-2 | Practical | | | |
| MODULE 5 | | | | | |
| 66 | Alien Head Modeling | Lecture Practical | & | Live Session | |
| 67 | Character Compositing _all boby parts | Lecture Practical | & | Live Session | |

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|----|----------------------------|----------------------|---|--------------|--|
| 68 | FINAL OUT _ALIEN CHARACTER | Lecture Practical | & | Live Session | |
| 69 | Recalling session | Lecture Practical | & | Live Session | |
| 70 | Recalling session | Lecture Practical | & | Live Session | |
| | | | | | |

| | Date of completion | Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc) |
|---|---------------------------|--|
| 1 | 14-06-2018 | Interior modeling |
| 2 | 19-06-2018 | Car modeling |
| 3 | 22-06-2018 | Props modeling |
| 4 | 20-07-2018 | Dragon Character Model |
| 5 | 14-08-2018 | Alien Biped character model |

References

1. Mastering Maya 2009
2. Autodesk knowledge 2012
3. Osamu Tezuka ,Tezuka School of Animation, Watson-Guptill; First Edition (September 1, 2003)
4. 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)

COURSE 5: SCRIPTING & STORYBOARDING FOR ANIMATION

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|--------------|--|
| PROGRAMME | BA ANIMATION AND GRAPHICS DESIGN |
| COURSE CODE | 15U3PCPNT3 |
| COURSE TITLE | SCRIPTING & STORYBOARDING FOR ANIMATION |
| FACULTY NAME | ABIN JOSE |

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|----------------------------------|---|
| COURSE OBJECTIVES | - |
| Build Concepts and develop story | |
| Create Script and Screenplay | |
| Develop Story Characters | |
| Creation of storyboard layouts. | |
| Creation of Animatics | |

| Sessions (Hours) | Topics | Teaching Method | ValueAddition/ Remarks |
|-------------------------|---|------------------------|-------------------------------|
| 1 | Techniques and Different Types of Animation | Lecture & Practical | Live Session |
| 2 | Techniques and Different Types of Animation | Lecture & Practical | Live Session |
| 3 | Techniques and Different Types of Animation | Lecture & Practical | Live Session |
| 4 | Workflows of Different Types of Animation | Lecture & Practical | Live Session |
| 5 | Workflows of Different Types of Animation | Lecture & Practical | Live Session |
| 6 | Stages of Animation | Lecture & Practical | Live Session |
| 7 | Stages of Animation | Lecture & Practical | Live Session |
| 8 | Stages of Animation | Lecture & Practical | Live Session |
| 9 | Experimental Animations. | Lecture & Practical | Live Session |
| 10 | Experimental Animations. | Lecture & Practical | Live Session |
| 11 | Developing Idea/ Concept - Story | Lecture & Practical | Live Session |
| 12 | Developing Idea/ Concept - Story | Lecture & Practical | Live Session |
| 13 | Developing Idea/ Concept - Story | Lecture & Practical | Live Session |
| 14 | Basic Elements of a Story | Lecture & Practical | Live Session |
| 15 | Basic Elements of a Story | Lecture & Practical | Live Session |
| 16 | Types of Stories | Lecture & Practical | Live Session |
| 17 | Types of Stories | Lecture & Practical | Live Session |

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|----|--|----------------------|-------------------|
| | | Practical | |
| 18 | Types of Stories | Lecture Practical | & Live Session |
| 19 | Creating Story Ideas | Lecture Practical | & Live Session |
| 20 | Creating Story Ideas | Lecture Practical | & Live Session |
| 21 | Sources of Story Line - Adaption | Lecture Practical | & Live Session |
| 22 | Sources of Story Line - Adaption | Lecture Practical | & Live Session |
| 23 | Sources of Story Line - Adaption | Lecture Practical | & Live Session |
| 24 | Character Roles - Characterization– Dialogues | Lecture Practical | & Live Session |
| 25 | Character Roles - Characterization– Dialogues | Lecture Practical | & Live Session |
| 26 | Basic Structure of a Story | Lecture Practical | & Live Session |
| 27 | Basic Structure of a Story | Lecture Practical | & Live Session |
| 28 | Basic Structure of a Story | Lecture Practical | & Live Session |
| 29 | Theme – Subplots – Tone – Genre - Writing for Different Types and Groups of Audience | Lecture Practical | & Live Session |
| 30 | Theme – Subplots – Tone – Genre - Writing for Different Types and Groups of Audience | Lecture Practical | & Live Session |
| 31 | Animation Script - Script Writing of the Story | Lecture Practical | & Live Session |
| 32 | Animation Script - Script Writing of the Story | Lecture Practical | & Live Session |
| 33 | Animation Script - Script Writing of the Story | Lecture Practical | & Live Session |
| 34 | Practical : Script Writing of the Story | Lecture Practical | & Live Session |
| 35 | Practical : Script Writing of the Story | Lecture Practical | & Live Session |
| 36 | Screenplay | Lecture Practical | & Live Session |
| 37 | Screenplay | Lecture Practical | & Live Session |
| 38 | Screenplay | Lecture Practical | & Live Session |
| 39 | Montage | Lecture Practical | & Live Session |
| 40 | Montage | Lecture Practical | & Live Session |
| 41 | Character Designing | Lecture Practical | & Live Session |
| 42 | Character Designing | Lecture Practical | & Live Session |
| 43 | Character Designing | Lecture Practical | & Live Session |

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|----|---|----------------------|---|--------------|
| 44 | Designing Props and Assets of Character | Lecture Practical | & | Live Session |
| 45 | Designing Props and Assets of Character | Lecture Practical | & | Live Session |
| 46 | Character Model Sheets | Lecture Practical | & | Live Session |
| 47 | Character Model Sheets | Lecture Practical | & | Live Session |
| 48 | Character Model Sheets | Lecture Practical | & | Live Session |
| 49 | Comparison Charts – Character | Lecture Practical | & | Live Session |
| 50 | Comparison Charts – Character | Lecture Practical | & | Live Session |
| 51 | Story Boarding | Lecture Practical | & | Live Session |
| 52 | Story Boarding | Lecture Practical | & | Live Session |
| 53 | Story Boarding | Lecture Practical | & | Live Session |
| 54 | Story Boarding | Lecture Practical | & | Live Session |
| 55 | Story Boarding | Lecture Practical | & | Live Session |
| 56 | Elements of Storyboarding | Lecture Practical | & | Live Session |
| 57 | Elements of Storyboarding | Lecture Practical | & | Live Session |
| 58 | Elements of Storyboarding | Lecture Practical | & | Live Session |
| 59 | Elements of Storyboarding | Lecture Practical | & | Live Session |
| 60 | Elements of Storyboarding | Lecture Practical | & | Live Session |
| 61 | Techniques in a Story Board - Visual Continuity – Transitions | Lecture Practical | & | Live Session |
| 62 | Techniques in a Story Board - Visual Continuity – Transitions | Lecture Practical | & | Live Session |
| 63 | Techniques in a Story Board - Visual Continuity – Transitions | Lecture Practical | & | Live Session |
| 64 | Digital Storyboarding | Lecture Practical | & | Live Session |
| 65 | Digital Storyboarding | Lecture Practical | & | Live Session |
| 66 | Introduction to the creation of Animatic | Lecture Practical | & | Live Session |
| 67 | Synchronizing Storyboard with the sound tracks. | Lecture Practical | & | Live Session |
| 68 | Synchronizing Storyboard with the sound tracks. | Lecture Practical | & | Live Session |
| 69 | Synchronizing Storyboard with the sound tracks. | Lecture Practical | & | Live Session |
| 70 | ANIMATICS FINAL SUBMISSION | Lecture | & | Live Session |

| | Date of completion | Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc) |
|---|---------------------------|--|
| 1 | 18/08/2018 | Developing Idea/ Concept - Story |
| 2 | 6/09/2018 | Practical : Script Writing of the Story |
| 3 | 18/09/2018 | Story Boarding |

REFERENC

ES

- 1
- 2 How to Write for Animation: Jeffrey Scott
- 3 Writing for Animation, Comics and Games: Christy Marx
- 4 Animation Writing and Development: From Script Development to Pitch: Jean Ann Wright
- 5
- 6 The Art of the Storyboard - Storyboarding for Film, TV, and Animation: John Hart
- 7 Exploring Storyboarding: Wendy Tumminello
- 8 Don Bluth's Art of Storyboard: Don Bluth