

| | | | TEACHING &EVALUATION SCHEME | | | | | | | | | | |
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| COURSE | CATEG | | T | HEORY | | PRACT | ICAL | | | | | | |
| CODE | ORY | COURSE NAME | END SEM University Exam | Two Term Exam | Teachers Assessment* | END SEM University Exam | Teachers Assessment* | L | Т | Р | CREDITS | | |
| MFAA-101 | СС | Historical Development of Animation | 60 | 20 | 20 | 30 | 20 | 2 | 0 | 2 | 3 | | |

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Educational Objectives (CEOs):

- **CEO 1** To familiarize the students with the history of animation.
- **CEO 2** To acquaint the students with the various techniques and styles that created the current scenario of Animation Industry.
- **CEO 3** To develop understanding of the first animated features and transition to synchronized sound in students.
- **CEO 4** To apply knowledge obtained to create: Flip Book, Thaumatrope, Phénakisticope and Zoetrope.

Course Outcomes (COs): The student should be able to:

- **CO 1** Demonstrate working knowledge of early approaches to motion in art
- **CO 2** Explain the concept and working Thaumatrope, Phénakisticope, Zoetrope, Flip book, Praxinoscope, Zoopraxiscope.
- **CO 3** Describe understanding of the first animated features and transition to synchronized sound.
- **CO 4** Apply knowledge obtained to create: Flip Book, Thaumatrope, Phénakisticope and Zoetrope

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Paper I

MFAA-101

Historical Development of Animation

Unit I

Early approaches to motion in art, Chinese rotating lanterns, Shadow play, The Magic Lantern.

Unit II

Animation before film- A brief introduction, Thaumatrope (1825), Phénakisticope (1833), Zoetrope (1833/1866), Flip book (1868), Praxinoscope (1877), Zoopraxiscope (1879).

Unit III

1888-1908: Earliest animations on film, Théâtre Optique, Standard picture film, Printed animation film, J. Stuart Blackton, Émile Cohl.

Unit IV

1910s: From original artists to "assembly-line" production studios, Winsor Mc. Cay, Barré Studio, Bray Productions, Hearst's International Film Service.

Unit V

Fleischer Studios, Felix the cat, Quirino Cristiani: the first animated features, 1920s: Absolute film, transition to synchronized sound.

PRACTICAL COURSE CONTENTS:

Applying Knowledge obtained to create practical assignments.

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Recommended Readings:

- Chuck Thorndike, (2012). Cartooning, Caricature and Animation Made Easy, Dover Publication, New York.
- 2. Grant Write, (2018). The Art of Caricature, Chapel Hill NC.
- 3. Suzanne Buchan, (2013). Pervasive Animation, Routledge, New York.

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| MFAA-102 | CC | Coloring Approach to Animation | 60 | 20 | 20 | 30 | 20 | 2 | 0 | 2 | 3 | |

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- **CEO 1** Learn coloring approaches to animation and its concepts.
- **CEO 2** Develop an approach towards coloring animation and other visual mediums.

Course Outcomes (COs): The student should be able to:

- CO 1 Recall knowledge of colors and color schemes.
- CO 2 Apply the coloring concepts through animation and other visual mediums.

Paper II

MFAA-102

Coloring Approach to Animation

Unit – I

Colors – Definition and Knowledge of Colors. Color Wheel.

Unit – II

Classification of Color. Color and Feeling. Color and relation to space.

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Unit – III

Color Scheme: Achromatic, Monochromatic, Complimentary, Split Complimentary, Double Split Complimentary, Triadic, Quadratic, Polychromatic.

Unit – IV

Experiments in Color- Fugitive Colors. Color Temperature. Warm, Cool and Neutral Colors.

Unit – V

Psychological effects of Colors. Illusion Through Colors. Visual Weight of Colors.

PRACTICAL COURSE CONTENTS:

Applying Knowledge of Colors for creating compositions. Minimum five submissions of A4 size.

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Readings:

- Collington, Mark (2017). Animation in Context: A Practical Guide to theory and Making, Bloomsbury Publishing, New York.
- Thomas, Frank (1981). The illusion of life: Disney animation, Abbeville Press, New York.

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| MFAA-103 | CC | Multi-Dimensional Drawings | 60 | 20 | 20 | 30 | 20 | 2 | 0 | 2 | 3 |

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Course Educational Objectives (CEOs):

- **CEO 1:** To familiarize the students with Multi Dimensional Drawings.
- **CEO 2:** To acquaint the students with various techniques and styles of drawing in multiple dimensions.

Course Outcomes (COs): The student should be able to:

- **CO 1:** Apply the concepts of perspective through animation and other visual mediums.
- **CO 2:** Apply the concepts of proportion through animation and other visual mediums.

Paper III

MFAA-103

Multi-Dimensional Drawings

Unit-I

One Point Perspective. Concepts, application in interior scene, Street scene, Furniture, objects.

Unit-II

Two Point Perspective. Concepts, application in interior scene, Street scene, Furniture, objects.

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| MFAA-103 | CC | Multi-Dimensional Drawings | 60 | 20 | 20 | 30 | 20 | 2 | 0 | 2 | 3 |

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Unit-III

Three Point Perspective. Concepts, application in interior scene, Street scene, Furniture, objects.

Unit-IV

Concepts of three main types of 3D modeling – solid, wireframe, and surface.

Unit-V

Study and drawing - Effect of Distance on landscape and human forms.

PRACTICAL COURSE CONTENTS:

Rendering drawings applying the principles of perspective – One Point, Two Point and Three Point Perspective. Minimum five submissions of A4 size.

Readings:

- Collington, Mark (2017). Animation in Context: A Practical Guide to theory and Making, Bloomsbury Publishing, New York.
- Thomas, Frank (1981). The illusion of life: Disney animation, Abbeville Press, New York.

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| MFAA-104 | CC | Backgrounds and Lighting Effects | 60 | 20 | 20 | 30 | 20 | 2 | 0 | 2 | 3 |

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• **COE 1** To explain the basics of background and perspective to students.

- COE 2 To acquaint students with lighting effects in digital art.
- COE 3 To sensitize students towards principles of composition
- COE 4 To create awareness in students about camera angles and movements.

Course Outcomes (COs): The student should be able to:

- **CO 1** Explain the basics of background and perspective in a coherent way.
- **CO 2** Implement lighting effects in digital art.
- **CO 3** Apply knowledge of principles of composition in backgrounds and lighting.
- **CO 4** Execute camera angles and movements.

Paper IV

MFAA-104

Backgrounds and Lighting Effects

Unit-I

Introduction to Perspective: Various Horizon Lines, Eye level, Point of View, Station Point, Line of Sight, Picture Plane, Field of Vision, Convergence, Diminution, Vanishing Point, Forms and Structure

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Unit-II

Camera Angles: Long Shot, Medium Shot, Close Up, Extreme Close Up, High Angle, Low Angle, Over the Shoulder, Point of View.

Unit-III

Principles of Composition: Balance, Rhythm, Harmony, Unity, Emphasis, Proportion. How to create Focal Point applying Rule of Thirds, Golden Ratio.

Unit-IV

Composition and Camera: Composing, Path of Action, FIELDS -Grids and Guides, ALL THE RIGHT MOVES -Camera Movement Arrows, Vertical Pans/Horizontal Pans ,Crossing the Line ,Moving With the Camera ,Match Cuts ,Bi-Packs, Straight & Bezier Movements, Slow-in/Slow-out, Repeat/Peg-over, Multi-Level/Multi-Plane, Overlays & Under lays

Unit-V

Lighting Effects: Effects, Shadows, Gradients, Reflections.

PRACTICAL COURSE CONTENTS:

Creating animation compositions with the medium of digital art by applying principles and concepts of composition, background, camera and lighting.

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| MFAP-104 | SEC | Creative Portrait Painting | 0 | 0 | 0 | 60 | 40 | 0 | 0 | 6 | 3 |

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit;

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Course Educational Objectives (CEOs):

- CEO 1 To familiarize students with the skills of making creative portraits.
- **CEO 2** To acquaint students with creative approaches to various anatomical details of human face, as well as tonal variations and coloring in portraits.

Course Outcomes (COs): The student should be able to:

- **CO 1** To create portraits from imagination.
- CO 2 To demonstrate skill of painting creative portrait compositions.

Paper V

MFAP-104

Creative Portrait Painting

Creative Painting: Drawing, sketching and painting of portrait, anatomical details of Face, Proportions of face: Male, Female, Child. Creative approaches to study of light and shade using various mediums including oil, acrylic, etc.

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| MFAA-107 | Projects | Minor Research Project on Clay Animation | 0 | 0 | 0 | 60 | 40 | 0 | 0 | 0 | 2 | | |

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Course Educational Objectives (CEOs):

- **CEO 1** To familiarize the students to the skills of conducting research on a given topic related to Animation.
- **CEO 2** To familiarize the students with documentation of research.

Course Outcomes (COs): The student should be able to:

- **CO 1** To conduct in-depth study about clay animation.
- **CO 2** To document the study in prescribed format.

Paper VI MFAA-107 Minor Research Project on Clay Animation

Minor Research Project on Clay Animation: Minor Research about Clay Animation. Developing a Clay Animation video.

The objectives of the course are to:

- Check the ability of students in terms of their writing regarding Animation.
- Identify the problems of students in developing their writing skills regarding Animation.
- Gather the opinion of the teachers on their students' performance regarding Animation.
- Improve the writing skills of students by suggesting some remedial measures regarding animation project.

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