

AFT124:CLASSICAL ANIMATION

L:0 T:0 P:4 Credits:2

Course Outcomes: Through this course students should be able to

CO1 :: combine , create and animate hand-drawn objects and characters with naturalistic and expressive movements and poses.

CO2 :: apply the principles of animation in the sequential image.

CO3 :: arrange the planning, implementation and execution of animation projects.

CO4 :: understand more about industrial requirement in 2D animation.

CO5 :: focus three major points in animation- principle, story-boarding and Modal-sheet.

CO6 :: construct develop and express animation with 12 principle.

List of Practicals / Experiments:

Introduction to classical animation

- brief history of animation and different medium
- understanding light box,peg bars,Field guide and size
- page flipping for animation and flipbook
- movement of line and form
- timing and spacing in animation
- understanding the phenomenon of persistence of vision
- different frame rates for animation

Traditional approach

- basic drawing construction for animation
- animating manually frame by frame
- understanding breakdowns, in-between,keys and extremes
- timing in animation
- line of action and path of action
- law of motion in animation
- understanding weight and balance

Principles of animation

- squash and stretch
- anticipation
- staging
- timing
- arc and path of action
- follow through and overlapping action

Principles of animation continued

- ease in and ease out
- straight ahead and pose to pose
- exaggeration
- secondary action
- solid drawing
- appeal

Making a short scene/clip

- developing an idea to a storyboard for animation
- understanding camera movement for animation
- peg movement and layers animation
- creating a short film/scene
- final editing
- ink and paint, cleaning up for final output
- rendering and compiling for editing
- the need for story telling

References:

1. TIMING FOR ANIMATION by JOHN HALAS AND HAROLD WHITAKER, TAYLOR & FRANCIS
2. CARTOON ANIMATION by PRESTON BLAIR, WALTER FOSTER PUBLISHING