



Karmaveer Bhaurao Patil University, Satara

Syllabus for

**Skill Level 4 (Advances 2D Animation Background
Artist)**

Under

Faculty of Science and Technology

(As per NEP 2020)

With effect from Academic Year 2024-2025

Title of Skill Course: Advances 2D Animation Background Artist

1. Sector: Media and entertainment
2. Subject: Animation Science
3. Year of implementation: 2024

Course Structure

| Skill Level | Theory Hours | Practical Hours | Total Hours | Credits | No. of students in batch |
|-------------|--------------|-----------------|-------------|---------|--------------------------|
| 4 | 20 | 30 | 50 | 2 | 30 |

Theory Syllabus (Contact Hrs: 15, Credits: 02)

Course Objectives: Student will be able to

1. Develop their drawing ability.
2. Learn the colour theory.
3. Improve figure drawing.
4. Identify image resolution, image size and image file format.

| Credits (Total Credits 2) | SEMESTER-II Advances 2D Animation Background Artist | No. of hours per unit/credits |
|---------------------------|---|-------------------------------|
| UNIT - I | Drawing Techniques | (11) |
| | Basic Drawing Concepts of Visualization Illustration and Sketching Basic Shapes and Sketching Techniques | |
| UNIT - II | Introduction to drawing | (11) |
| | Introduction to drawing , History of drawing , Types of drawing, Principles of drawing, basic skills of drawing, Beginner start drawing, Methods of drawing | |
| UNIT - III | Adobe Photoshop Interface | (12) |
| | Workspace basics, Tools, Colours basics, Layers settings | |
| UNIT - IV | Working with Brush setting | (11) |
| | Brush settings, drawing tools, Final Output settings | |

Course outcomes: Student should be able to

1. History of drawing & painting & also types of drawing using principles.
2. Exhibit fundamental knowledge and skills in drawing the human figure.
3. Strengthen perceptive and inventive drawing skills.
4. Understand the elements of Photoshop

References-

1. Richards Williams , *The Animator Survival Kit*, 2001 (Faber and Faber)
2. Richards Box , *Basic Drawing Techniques*, May 1, 2000
3. Zorana Gee Pete, *3D in Photoshop CS6 The Ultimate Guide for Creative Professionals*, Falco, Focal Press; 1st edition (20 September 2010)
4. *Adobe Photoshop CC 2022 Beginner's Guide: A Complete Step-By-Step Manual to Great Photography* (2022 release) 1st Edition

(LAB) Advances 2D Animation Background Artist**Course Objectives:** Student will be able to

1. understand history of drawing and professional sketching
2. understand human anatomy and proportions.
3. open and navigate a Photoshop document with menu commands, the Zoom and Hand tools, and the Navigator palette.
4. create a layered Photoshop document from a starting image (provided).

| Credits (Total Credit2) | SEMESTER-II Advances 2D Animation Background Artist | No. of hours per unit/credits |
|-------------------------------|---|-------------------------------------|
| Level - 4 | <ol style="list-style-type: none"> 1. To draw Stick Figure Men. 2. Sophisticated stick figure drawing with basic shapes. 3. How to Draw a Cartoon People-for Beginners. 4. Cartoon Character Design for Beginners. 5. Drawing Fundamentals: CONSTRUCTION. 6. 2danimation background House inside Greenfield in adobe photoshop cc. 7. How to create Animation Background Drawing in adobe photoshop cc. 8. Cartoon Background Drawing in adobe photoshop cc. 9. PAINTING a Ghibli Background with Photoshop 10. How to use pen tablet in photoshop. | 4 |

Course outcomes-Students should be able to

1. Understand how to apply and edit gradients and patterns using available tools.
2. Arrange objects and use layers to manage artwork.
3. Use various retouching and repairing techniques to correct images.
4. To create 2d background use to various cartoon, movies, games etc.

References-

1. Fundamentals of Drawing in Colour: Barrington Barber
2. PhotoshopCS6TheMissingManual-byLesasnide
3. Lesa Snider, *Photoshop CC The Missing Manual*, Publisher(s): O'Reilly Media, Inc. August2014
4. Zorana Gee Pete, *3D in Photoshop CS6 The Ultimate Guide for Creative Professionals*, Falco,Focal Press; 1st edition (20 September 2010)

BOS Sub Committee:

| Sr. No. | Name of Member | Designation | Address |
|----------------|-----------------------|--------------------|--|
| 1 | Mrs. Doke P.S. | Chairman | YC, Institute of Science, Satara |
| 2 | Mrs. Bhambure R.V. | Member | YC, Institute of Science, Satara |
| 3 | Mr. Karale K.S. | Academic Expert | Head of Department Animation Science, Tiranga College of Animation and VFX, Baramati |
| 4 | Mr. Shinde G.L | Industrial Expert | Unique Fx, Malhar Peth, Satara |