

2D/3D Animation

A comprehensive 45-hour journey from beginner to intermediate level animation skills using industry-standard tools like Blender and Krita.





Course Foundation

Institution

St. Bede's College, Shimla

Duration

45 Hours Total

Level

Beginner to Intermediate

Focus

2D/3D Animation Techniques



Animation Fundamentals

Module 1: Introduction

- Animation basics and principles
- Understanding the Blender interface
- Industry overview and career paths

Module 2: Blender Basics

- Creating basic 3D shapes
- Keyframing fundamentals
- Material application techniques



Visual Production Essentials

01

Lighting Mastery

Master lighting techniques in Blender to create mood and atmosphere in your scenes.

02

Camera Movement

Learn dynamic camera positioning and movement for compelling visual storytelling.

03

Rendering Basics

Understand rendering fundamentals and video output for professional results.

2D Animation Excellence



Grease Pencil Introduction

Discover Blender's powerful 2D animation tools and create your first 2D characters.



Advanced Techniques

Master sophisticated Grease Pencil methods for professional 2D animation workflows.



Krita Animation

Learn frame-by-frame animation techniques using Krita's specialized 2D tools.



3D Modeling & Character Development

Intermediate Modeling

Develop advanced 3D modeling skills for creating complex objects and characters.

Animation Principles

Master timing and spacing - the fundamental principles that bring animations to life.

Rigging & Animation

Learn character rigging and basic animation techniques for 3D characters.



Scene Creation & Composition



Storyboarding

Plan your animations with professional storyboarding techniques and scene composition principles.



3D Environments

Build immersive 3D environments that serve as compelling backdrops for your animations.



Particle Effects

Add dynamic particle systems to create fire, smoke, water, and other realistic effects.



Advanced Production Techniques

1

Sound Design

Integrate audio elements and synchronize sound with your animations for professional results.

2

Advanced Rendering

Master complex rendering techniques and optimization for high-quality output.

3

Add-ons & Extensions

Enhance Blender capabilities with powerful add-ons and workflow improvements.

4

Post-Processing

Apply finishing touches with post-processing effects and color correction.

Final Project Development

Concept & Design

Develop your unique animation concept, create detailed models, and establish visual design language.

Animation Production

Bring your vision to life through animation, rendering, and post-processing techniques.

Finalization

Complete sound design, final rendering, and prepare professional presentation of your work.



Your Animation Journey Begins

From basic shapes to professional animations, this comprehensive course transforms beginners into skilled animators ready for industry challenges.



20 Modules

Comprehensive curriculum



45 Hours

Intensive training



Portfolio Ready

Professional projects

