

Blender - 3D Modeling and Animation

Table of Contents

Introduction to Basic Modeling tools

- Basics of Modeling Tools
- Modeling a Table and a Chair

Coloring your basic Model

- Concept of Coloring
- Coloring the model with texture

Basic Animation

- Introduction to Animation
- Bouncing ball Animation

Creating your own Texture

- Introduction to texturing
- Creating a metal texture
- Creating a wooden texture

Particles

- Introduction to Particles
- Playing with particles

UV Map

- Introduction to UV Map
- How to unwrap and texture
- Model a building with UV

Physics in Blender

- Introduction to rigid bodies
- Bouncing ball and Flag simulation
- Flying paper simulation

CG in real footage

- Importing real footage in blender
- Matching our model lighting
- Using 360 HDRI for realistic lighting

Exporting

- Exporting models as OBJ and other formats
- Export animation with render animation