

Topics To Be Covered

Session 1: Introduction to 3d animation and visual effects .

- History of animation and visual effects
- Different modules of 3d animation
- Introduction to Autodesk Maya.
- Understanding User Interface
- Understanding different tools ,mask ,methods.
- Creating primitive shapes
 - Polygon primitive
 - Nurbs Primitive
 - Subdivision primitive
- Learning about different modes of an object.
 - Vertex mode
 - Edge mode
 - Face mode
 - Object mode
 - Learning about mesh flow.

Session 2:

- Learning to place Blueprints for higher modeling
- Creating a model.
- Texturing, Shading, lighting and rendering:
 - Understanding Shaders and attributes like color,transparency,ambient,specular.
 - Understanding Hypershade.
 - Understanding uv.
 - Understanding different lights in maya.
 - Understanding different options of lighting like color,intensity,decay,shadows.
 - Understanding mental ray and mental ray's shaders and lighting.
 - Understanding Global Illumination and final gather.
 - Lighting and texturing and rendering a scene.

- Rigging and animation
 - Understanding constraints, Script editor, Connection editor, Set driven key.
 - Understanding bones and ik.
 - Rigging a character.
 - Understanding Principal of animation.
 - Ball Forward animation.
 - Character walk animation.
- Understanding cameras.

Session 3:

- Introduction to Visual effect pipeline
- Matchmoving
 - Methods of matchmoving.
 - Matchmoving in production pipeline.
 - Software used in the industry.
 - Understanding a camera.
 - Techniques of matchmoving.
 - Manual tracking
 - Automatic tracking.

Session 4:

- Compositing
 - Introduction of compositing
 - Software use in the industry.
 - Basics of Nuke.
 - Compositing in Nuke.
 - Chroma removal in Nuke.
- Making a visual effect shot.
- Intro to Stereoscopy
 - Types of projection - polarize and normal
 - Stereo camera in Maya
 - Exporting out put
 - Stereoscopic in Nuke

visual-animo

Softwares Used During Workshop

- PFTrack
- Nuke
- Maya

Contact

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