

JADAVPUR UNIVERSITY
COMPUTER AIDED DESIGN CENTRE
Faculty Council of Engineering and Technology
Kolkata - 700 032

Certificate course on
Compositing with Nuke

Nuke is an award-winning node-based toolkit compositing software in the world. Artists and studios around the world use Nuke to push the boundaries of creativity and deliver epic results, from VR projects to the biggest feature films. Nuke delivers everything you need to tackle the diverse challenges of digital compositing.

Nuke designers can get job as a compositor, roto artist, and body tracking artist, match moving artist, stereoscopic, motion graphic designer, VFX artist, video artist and more.

The Cad Centre is one of the oldest and best multimedia and animation institute in India. Lying in the heart of the city of Joy Kolkata the institute is filled with an ambience of creativity and unique experienced teaching and learning techniques by renounced, experienced and certified trainers of the institute used to impart knowledge and skills to the students encouraging them to bring in a creative and innovative touch to all their creations.

Course Duration: 28 hrs

Class Duration: Theory Sessions: 2hrs each; Practical Session: 2 hrs each

Eligibility: Higher Secondary/Equivalent

Participants must have mobile devices running Android 4.0.3 or above; laptop/desktop computer with Windows; and stable internet connectivity. Google Meet should be preinstalled the mobile device; and Nuke should be installed in the laptop/desktop.

Syllabus:

Topics	No. Of Theory Classes	No. Of Practical Classes	Total No. Of Classes
Introducing Nuke user Interface, Basic nodes, Categories of Nodes, Concept of Nodes VS Layers, Transform, Mirror, Premult, Merge, reformats, crops, Shuffle, Copy,	1	1	2
Additive Color Model, Keying, Green Screen, Primatte & Ultimatte	1	1	2
2D Motion Tracking in Nuke, Tracker with corner pin, Cleanplating a moving scene	1	1	2

Creating & Matching Shadows, Rendering & Render Formats	1	1	2
Rotopaint and Rotoscoping	1	1	2
Animation, Animation Extra Concepts, Lens Distortion, Grain and Sensor Noise	1	1	2
Understanding camera exposure, and Bit Depth, Concepts of Exponential Falloff	1	1	2
Total	7	7	14

Certificate: Completion certificate (in printed form) will be provided at the end of the course.