

# Professional Certificate in Visual Effects (Compositing & Motion Graphics)

## FOUNDATION IN CG & VFX:

- Introduction to Animation and Motion Graphics.
- Understanding Production Pipelines.
- Introduction to CG fundamentals.
- CG modelling and modular worldbuilding
- Basic concepts of Compositing and Matte Painting
- Creating an animated VFX scene or Motion Poster

## MOTION GRAPHICS

- Thumbnail and Background Matte Creation
- Introduction to Basics of VFX Filmmaking
- Introduction to 3D Layers and Camera in After Effects
- Freeze Frame Animation
- One Point Tracking, Two Point Tracking & Offset Tracking
- Planar Tracking, 3D Tracking & Vector Tracking
- Basics of Compositing
- Rotoscope Techniques
- Specialisation Project

## COMPOSITING

- HUDs Creation and Comping
- Introduction to Nuke
- Working with Nodes
- Tracking and Matchmoving
- Roto and Roto-paint
- Keying
- Set extension
- Matte Painting
- Compositing CG elements

## PROFESSIONAL PORTFOLIO PROJECT:

- Concept research and selection.
- Create a Project Pitch using storyboards
- Working in a mentored studio-like environment.
- Students guided throughout this process
- Meeting tight deadlines for project submissions.
- Ensuring a professional industry-ready product.