

## About CRISP

CRISP is established under the Indo-German Technical Cooperation Agreement as an autonomous organization of the Dept. of Technical Education, Skill Development & Employment, Govt. of M.P.

CRISP provides technical training and consultancy services for Industry Personnel, Government Officers, Faculties of Academic & Training Institutions, Students & Jobseekers. CRISP is equipped with the state-of-the-art labs & technology, latest software, qualified, trained and experienced trainers in the relevant fields.

### The Multimedia Centre

The Multimedia Centre offers multiple Professional Certification programs in the Media & Entertainment Sector. The largest infrastructure in central India has five modern labs. They focus on areas like Photography, Cinematography, Graphic Design, Audio/Video editing, Animation, VFX Film Production, BIM, and Architecture Modelling.

The labs are well-equipped with a 4K film editing workstation and Digi-Beta output. They have the latest mirror less photography camera and lenses. There is also a 4K/60 FPS cinematic camera, gimbal, and slider. The indoor studio features chroma backgrounds and studio lights or soft Boxes. This setup provides hands-on experience for the trainees.

Other training programmes in Multimedia offered at CRISP are :

- Graphic Designing
- Digital Still Photography
- Non-Linear Video Editing
- Special Effects and Compositing (VFX)
- Professional Certification in Film Production
- 2D Animation
- 3D Architectural Design and walk-thru



## Patron Clients of CRISP



### Contact :

Course Co-ordinator  
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## Centre for Research and Industrial Staff Performance

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**CRISP**  
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## Animation, Special Effects & Compositing (VFX)



...unleashing the full potential of men & machines

## ANIMATION & VFX



### Introduction of Course

Animation is not only about making cartoons or drawing caricatures but it is the art of creating an illusion of movement and bringing to life everything around. This course is designed to introduce participants to the Animation & VFX (Visual Effects). It includes all the developmental stages of 2D Animation, VFX & 3D Animation.

Participant will work on various assignments in each module including a "The Short Film Project" which will be the final creative outcome of the each module.

**2D animation** includes two dimensional motion graphics and interactive presentations.

The **3D Animation** process includes basic 3D modeling, texturing, lighting, rigging, animation, dynamics and rendering.

The **VFX (Visual Effects)** process will include creating & adding effects for real Shoot as well as animation sequences, according to the visual situation and finally, render the film for distribution on DVD, broadcast and podcast formats.

After completion of this training and with an impressive show-reel, our trained participants can find job opportunities in electronic media, film production studios, advertising agencies, online news portals and also work as a multimedia content developer. These trained artists can even establish their own Production House or even work as freelancers.

**"You can be one of them - a skilled professional of great demand, in the media industry".**

## Courses Contents

### 2D Animation

(Duration : 3 Months, Fee : ₹ 24,000)

- Raster graphics and Vector graphics
- Shapes refining and Drawing
- Tracing raster graphic for illustration
- Matte painting, Effects
- Work with proportion & Balance
- Using Timeliness and Layers
- Working with Symbols
- Animation techniques, Simple animation
- Cell animation, Walk Cycle, Run cycle, Jump, Acting
- Basic body mechanics (Pulling/Pushing)
- Creating animations for showing special effects

### 3D Modeling and Animation

(Pre-requisite : Knowledge of Image Editing)

(Duration : 4 Months, Fee : ₹ 32,000)

- Software Interface and Setting-up the Project
- **Modeling** - Polygon, NURBS, Subdivision, Approaches to Modeling, Tools and Techniques, Deformers
- **Textures & Shaders** -Textures & Shader, Hypershade, shader, Mental rayshader, Shading attributes
- **Lighting**- Introduction to CG lighting, Lighting Types, Point lighting, Interior and Exterior lighting
- **3D Camera**- Types and Techniques
- **Rendering** - UI batch render, Batch rendering
- **Animation** - Motion path animation, Deformers, Set driven key animation, Introduction to Joints & IK-FK, Implementation 12 principles of animation
- **Paint Effects**-Pre-Defined mesh and Effects

### Special Effects and Compositing (VFX)

(Pre-requisite: Knowledge of Graphic/Video Editing)

(Duration : 2 Months, Fee : ₹ 14 ,000)

- Workflow basic, Various panels, Layouts
- Footage, CG Media, Solid, Shapes, Audio, Video
- Motion Graphics with Vector shapes
- Transform properties, Animating Shape/Solid/Mask
- Effects: Animated Backgrounds, Text and presets
- Compositing: simulation effects, Particles flow attributes
- Chroma/Alpha/Luma mattes, Keying, transparency
- Working with 3D world: Lights & Camera
- Roto, Wire/Rig Removal, Motion/Camera Track, Stabilize



## Methodology

The programme consists of a mix of :

- Lectures and presentations
- Demonstrations
- Interactive Session
- Hands-on practice
- Project : Developing an Advertising Film

## Duration & Course Fee

### 2D Animation

**Duration : Part time, 3 Months (60 Working Days)**  
(2 Hours / Day and 5 Days / Week)

**Fee : ₹ 24,000/- (Inclusive of Tax)**

**installment Scheme:** ₹ 10,000/- at the time of registration, & installment of ₹ 7,000/- each in 2nd & 3rd month

### 3D Modeling and Animation

**Duration : Part time, 4 Months (80 Working Days)**  
(2 Hours / Day and 5 Days / Week)

**Fee : ₹ 32,000/- (Inclusive of Tax)**

**installment Scheme:** ₹ 12,000/- at the time of registration, and installment of ₹ 10,000/- each in 2nd & 3rd month

### Special Effects and Compositing (VFX)

**Pre-requisite : Knowledge of Graphic Design & Video Editing**  
**Duration : Part time, 2 Months (40 Working Days)**  
(2 Hours / Day and 5 Days / Week)

**Fee : ₹ 14,000/- (Inclusive of Tax)**

**installment Scheme:** ₹ 14,000/- at the time of registration

**This is a subsidized Course Fee for job-seekers & students only.**

## Mode of Payment

Cash or payment thorough Debit/Credit cards at CRISP Society, Bhopal