

AN ISO 9001: 2015 CERTIFIED

# MAHATMA GANDHI COMPUTER SAKSHARTA MISSION

An Autonomous body Recognized by N.C.T., New Delhi, Govt, of India

## MASTER IN GAME DEVELOPMENT

- Pre-Learning Programming Concepts
- Server Game Concepts
- Introduction of Game Development
- Exceptions and Debugging
- Multiple Scenes
- Unity Engine UI
- Managing Game Objects
- Sound Effects
- Unity Input Class
- Game Object Transform
- Scrolling Games
- Virtual Worlds
- Unity Animation
- 2D Physics Concepts
- Advanced Game Physics
- 3D Game Objects
- 3D Characters
- Asset Packages
- Artificial Intelligence
- Multiplayer Games
- Unity Earning Concepts
- Publishing Games
- Realtime Game Projects



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A GOOD GAME GIVES US  
MEANINGFUL ACCOMPLISHMENT &  
CLEAR ACHIEVEMENT,  
THAT WE DON'T NECESSARILY  
GET FROM REAL LIFE

GET FROM REAL LIFE  
THAT WE DON'T NECESSARILY  
ACHIEVEMENT

## ➤ **CAREER OPPORTUNITIES**

- **Game Programmer**
- **Game Artist**
- **Project Manager**
- **Game Publisher**

## **MASTER IN 2D/3D ANIMATION**

- **Adobe Photoshop**
- **Adobe Illustrator**
- **Adobe Animate**
- **After Effects**
- **3Ds Max**
- **Blender**
- **Maya**
- **LIVE PROJECT** *Rs.60000*

## • **CAREER OPPORTUNITIES**

- **Graphic Designer**
- **Animation Artist**
- **2D Game Designer**
- **3D Game Designer**





## 2D/3D GAME DESIGN

- [Photoshop](#)
- [Illustrator](#)
- [3Ds Max](#)
- [Maya](#)
- [Blender](#)
- [Portfolio Development](#)

### • CAREER OPPORTUNITIES

- Game designer
- Level designer
- Game quality assurance
- Tester
- 3D Modeler
- Interactive Media Designer
- User Experience Designer
- Character Designer
- Game Background Designer

# FILM MAKING

- [HISTORY OF CINEMA](#)
- [SCRIPT & SCREENPLAY](#)
- [Film Making & Direction: Making a Film Project](#)
- [Film Making & Direction: Production](#)
- [Film Making & Direction: Script & Screenplay](#)
- [Film Making & Direction: Visual sense](#)
- [Film Making & Direction: Pre production for Director](#)
- [Film Making & Direction: Line Production](#)
- [Film Making & Direction: Assistant Directors](#)
- [Film Making & Direction: Post – production](#)
- [Film Making & Direction: Sound](#)
- [Film Making & Direction: Music Director](#)
- [Film Making & Direction: Types](#)
- [Film Making & Direction: Film Censor](#)
- [Film Making & Direction: Film Festivals](#)

## • [CAREER OPPORTUNITIES](#)

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- **Opportunity to work as Film Maker**
- **Director for Films**
- **TV Serials**
- **Web series & Production House.**

# FILM EDITING & VFX

- [Film Editing](#)
- [FILM EDITING GLOSSARY](#)
- [VFX Specialization](#)



## • **CAREER OPPORTUNITIES**

- **Film Editor**
- **Director for Films**
- **Tv Serials**
- **Web series**
- **Production House**
- **News Channels**
- **Entertainment Channel**
- **Advertising Agency**
- **Composer**
- **Digital Paint Artist**
- **Matte Painter**
- **Roto Artist**
- **Paint Artist**
- **Match Moving Artist**
- **BG Prep Artist**
- **Motion Graphics Artist**
- **Keying Artist**



## **CINEMATOGRAPHY**

- **Different types of Cameras**
- **Broadcasting Camera**
- **Different Parts in the Camera and its Function**
- **Different Types of Cameras used in Videographer**
- **Camera Angle**
- **Composition, Cutting, Continuity, Close-ups**
- **Light, and Color**
- **Photographic Lights**
- **The Art of Lighting**
- **Basic Lighting**
- **Intro to Video Camera & Different Functions incorporated in it**
- **Studio lighting techniques**
- **Filters: Introduction, Its Effects**
- **Different types of Filters used for Creativity**
- **Exposure: Introduction**
- **Factors affecting Exposure**
- **Importance of correct Exposure**
- **Exposure Meter and its uses**

- **Wave front Vector Monitor**
- **Introduction to Lenses**
- **Basic Type of Primary Lenses**
- **Zoom Lenses, Micro Lenses, Close-ups diopters**
- **Depth of Field**
- **Perspective: Its Concept**
- **Types of Perspective**
- **Factors governing the Perspective**
- **Concept for Motion Picture**
- **Vision of Persistence**
- **The Cinematographer and His Job**
- **The Five C's of Cinematography**
- **Outdoor Field Lighting**
- **Its contribution and its Roll in Cinematography**
- **Lighting Ratio and Lighting Contrast**
- **Raw Stock - Film: Different types of Ingredients used in Motion Film and its Purpose**
- **Several formats of films used in Motion Picture Industry**
- **Important Terminologies related to Raw Stock**
- **Types of Camera Movement- Horizontal, Vertical, Crane, Jimmy Zib, Trolley, Dolly and Steady-Cam**
- **Motion Picture Camera: Parts of the Camera body and its Function**
- **Color and Its Perception**
- **Nature of Light**
- **Composition of White Light, Additive and Subtractive Process**
- **Measurement of Color and its Application in Color Photography**
- **Different type of lights used in Cinematography**
- **Different type of Lighting Accessories and their uses**



- **CAREER OPPORTUNITIES**

- **Cinematographer for Films**
- **Tv Serials**
- **Web series & Production House**