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JAN JAGRUTI SAKSHARTA ABHIYAN





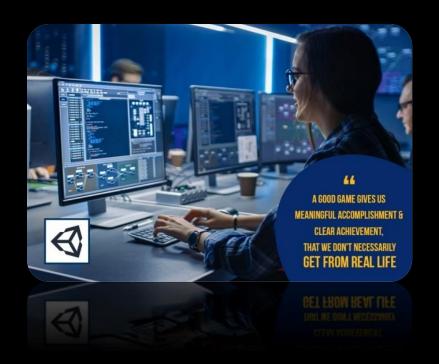
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Government of India

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

> CAREER OPPORTUNITIES

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

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
- Compositor
- 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 Cinematograph
- 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