



AVGCI

Multimedia Industry Training
Animation | VFX | Gaming | Film Making



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Multimedia Industry Training
Animation | VFX | Gaming | Film Making

**LEVEL UP YOUR
SKILLS IN ANIMATION, VFX
"MULTIMEDIA" AND GAMING**



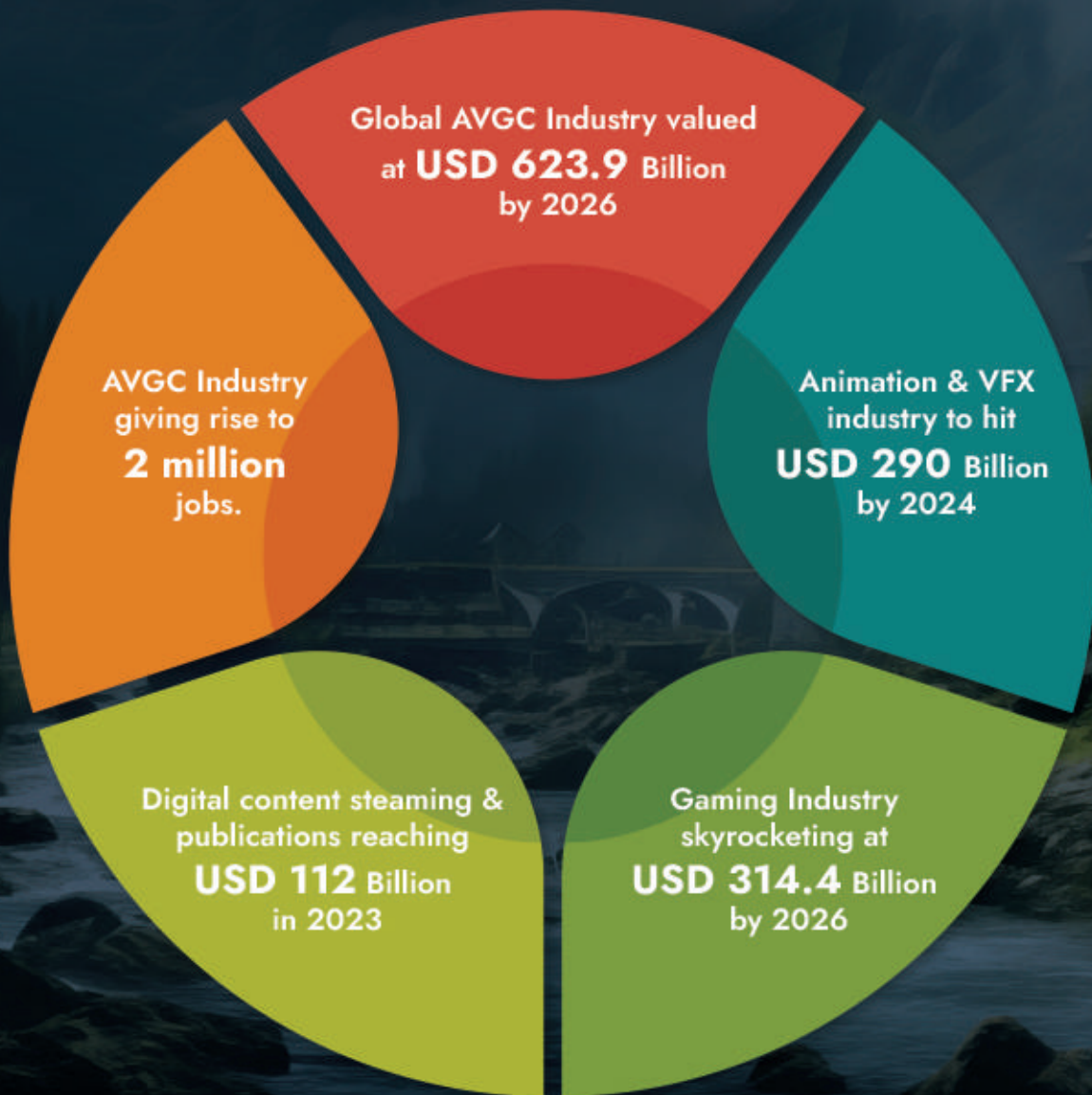
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NG!

INDUSTRY SCOPE (GLOBAL)

AVGCI stands as a pioneering global network and thinks tank committed to transforming the realm of creative industries.

Platform that serves as a melting pot for groundbreaking ideas and acts as a connecting bridge between creativity and commerce, thus catalysing a vibrant, sustainable future.

Unleash your creativity in the spectacular realm of AVGCI - Animation, Visual Effects, Gaming, and Comics Industry. Traverse the vibrant digital landscapes where imagination knows no boundaries and art meets technology. AVGCI is a world where characters and stories spring to life, and where you can craft visually stunning narratives that captivate and inspire. This dynamic and rapidly evolving sector is a hive of innovation, offering a multitude of career paths that let you shape the future of entertainment. Dive into the AVGCI universe, where your visions are only a storyboard away from becoming a groundbreaking reality.



INDUSTRY SCOPE (INDIA)

According to Report from Ministry of Information and Broadcasting

The Indian Media and Entertainment sector is expected to grow at **8.8% CAGR** to reach **USD 53.75** billion in 2026.

The Animation, VFX, Gaming, Comics and Extended Reality (together termed the AVGC-XR Sector) has evolved as an important growth engine of this sector and of the Indian economy. The sector has shown steady growth in recent years and has emerged as a sunrise sector, both at the national level as well as globally. With the right set of interventions, the AVGC-XR sector has the potential to become the backbone of the Media and Entertainment industry in the country.

The sector has the potential to make Indian culture accessible to the world, connect the Indian diaspora to India, generate direct and indirect employment, and benefit tourism and other allied industries. The AVGC-XR industry has witnessed unprecedented growth rates in recent times, with many global players expressing interest in the Indian talent pool to avail offshore delivery of services as India is now seen as the primary destination for high-end, skill-based activities in the AVGC-XR sector

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“AVGC-XR sector can provide immense employment opportunities to the youth who can serve the global market and the Indian talent can lead the way in this sector.”

Sri. Narendra Modi

Hon'ble Prime Minister of India

“

“Animation, Visual Effects, Gaming and Comics (AVGC) task force will be set up as these areas hold a lot of potential to employ the youth”

Sri Nirmala Sitharaman

Union Finance Minister of India

“

“Telangana Government has been at the forefront of harnessing the new digital entertainment revolution that requires a state to promote the use, adoption, and adaptation of cutting-edge technologies.”

Sri K. Taraka Rama Rao

Former IT Minister – Telangana

LEADING THE WAY: WHO WE ARE IN INDUSTRY EXCELLENCE

We are a consortium of top production companies with 15 years of outstanding performance, servicing the gaming, VFX, and animation sectors. Over the course of 15 years, what began as a team of 20 individuals has grown to become one of the largest VFX outsourcing firms in India, with 2000+ employees working from various places across the world. Our team is led by industry stalwarts who understand the technical advancements of the VFX industry and have worked extensively on several Hollywood movies and TV series.



A DECADE OF EMPOWERING THE AVGC INDUSTRY

Expansion of VFX and Animation Services

Our group of companies has significantly expanded service offerings, incorporating advanced techniques to serve production houses across the AVGC sector.

Recognition from Leading Studios

Achieved acclaim and collaboration with top-tier studios, underlining our role as a trusted partner in the AVGC industry.

Extensive Global Projects Engagement

Delivered thousands of projects worldwide, demonstrating vast experience and a strong global presence in the AVGC industry.

Commitment to Timely Delivery

Provided 24/7 services to meet global project deadlines, showcasing our dedication to client needs and project timelines.



Contribution to Award-Nominated Productions

Played a part in award-nominated projects, reflecting our commitment to quality and excellence in AVGC productions.

Versatility Across AVGC Content

Showcased wide-ranging capabilities by working on diverse AVGC content, from movies to commercials, highlighting our adaptability.

Formation of AVGCI Academy

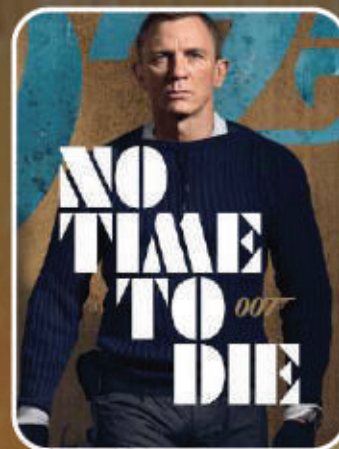
Leveraged our extensive industry experience to establish the AVGCI Academy, aiming to nurture and educate future talent in the AVGC sector.



OUR LEGACY IS
YOUR FUTURE



PROUD TO BE PART OF OSCAR NOMINATED MOVIES



OUR PRODUCTION FACILITIES IN INDIA

HYDERABAD | PUNE | VIJAYAWADA | CHENNAI | BIHAR



MULTIMEDIA, ANIMATION AND VFX COURSES

At AVGCI (Animation, Visual Effects, Gaming & Comic Industry), we mould students into inquisitive professionals who innovate, transform, and breathe creativity. We offer transformational industry exposure through live projects, mentorship, and Incubation with our partnered companies, which not only gives graduating students a pathway into the futuristic tech of AVGC industry, but also helps them think big and innovative.

Our Vision

To be a premier Incubation center in the AVGC industry, fostering innovation and creativity, and producing skilled professionals who can contribute to the growth of the industry. We aim to bridge the gap between academia and the industry and create a dynamic ecosystem where students and professionals can thrive.

Our Mission

Our mission is to provide advanced-level industry training to students and professionals in the AVGC industry, using real-time projects, experienced mentors, and state-of-the-art facilities. We aim to act as a catalyst between the academies and the studios, creating a platform where industry-relevant education meets the industry's demands. We are committed to providing a collaborative and supportive environment where ideas can flourish, and professionals can grow into creative and innovative leaders in the AVGC industry.



A VISIONARY IN : VISUAL EFFECTS



MADHAV REDDY YATHAM (MIKE)

Founder of Rotomaker

PIONEERING CONTRIBUTIONS TO PRODUCTION

Madhav Reddy Yatham, affectionately known as Mike, is recognized as a visionary force in the visual effects (VFX) industry. His career, which spans more than three decades, has been pivotal to the success of over 4,000 film and TV projects. Mike's exceptional leadership and innovative strategies have not only propelled Rotomaker to the forefront of global VFX studios but have also significantly advanced the quality of cinematic storytelling across Hollywood and beyond.

BRIDGING THE EDUCATIONAL GAP

Identifying a critical gap between the dynamic demands of modern production houses and the outdated curricula of traditional training centers, Mike spearheaded the foundation of AVGCI Academy. This forward-thinking institution is specifically designed to offer production-level training, preparing both emerging talents and experienced professionals for the evolving challenges of the VFX industry.

AVGCI ACADEMY - SHAPING THE FUTURE OF VFX EDUCATION

TAILORED EDUCATIONAL PROGRAMS

Under Mike's visionary leadership, AVGCI Academy introduces an array of specialized programs including Foundation Programs, Finishing School, Career Connect, and Incubation and Placement support. Each program is thoughtfully designed to mirror the real-world demands of production houses, ensuring a seamless transition from classroom learning to professional excellence in the avgc sector.

ABOUT AVGCI

THE RIGHT STEP TO YOUR FUTURE CAREER IN AVGC INDUSTRY

At AVGCI (Animation, Visual Effects, Gaming & Comic Industry), we mould students into inquisitive professionals who innovate, transform, and breathe creativity. We offer transformational industry exposure through live projects, mentorship, and Incubation with our partnered companies, which not only gives graduating students a pathway into the futuristic tech of AVGC industry, but also helps them think big and innovative.



UNLOCKING EXCELLENCE: KEY FEATURES

- Intensive training from our industry-leading artists
- Mentorship and Networking by industry experts
- Access to studio-grade virtual workstations, software, and rendering
- You will be encouraged and coached to create a professional showreel of your work which you can take with you after completing the course
- Continued access to tutorials after the course
- A digital badge and certificate to share on your LinkedIn profile
- Ongoing recruitment opportunities and continued contact with the Technicolor Creative Studios community

ABOUT TECHNICOLOR CREATIVE STUDIOS ACADEMY

BEYOND IMAGINATION

Technicolor Creative Studios is a global leader in the entertainment industry, revered for its exceptional VFX services spanning film, TV, advertising, brand experience, and gaming. With a rich legacy dating back to 1915, we are dedicated to realizing ambitious and extraordinary ideas across various creative domains. Our award-winning teams of artists and technologists collaborate with the global creative community to deliver unparalleled storytelling experiences in Film, Episodic, Gaming, Advertising, and Experiential Marketing. Our network of studios includes The Mill, MPC, Mikros Animation, and Technicolor Games, each contributing to our commitment to excellence and innovation.

TECHNICOLOR ACADEMY: WORLD CLASS TRAINING BY INDUSTRY LEADERS

At Technicolor Creative Studios Academy, our educational platform is meticulously designed to cultivate talent and expertise in the entertainment industry. Our courses focus on developing creative, technical, procedural, and team-working skills essential for success in this dynamic field. With weekly assignments and continuous feedback from industry-leading trainers and senior production team members, students receive comprehensive guidance to refine their craft.

Through our training program, students have access to studio-grade workstations and software in the cloud, facilitating seamless learning from anywhere in the world. Daily live sessions further enhance the educational experience, providing valuable insights and practical knowledge.

Upon completing the program, graduates are positioned for success, with the opportunity to apply for roles within Technicolor Creative Studios. Additionally, exceptional candidates may qualify for a joining bonus upon securing employment.

TECHNICOLOR
ACADEMY





CRAFTING EXCELLENCE

Crafting Excellence is the relentless pursuit of perfection and mastery, driven by unwavering dedication, attention to detail, and an insatiable thirst for improvement, marking a continuous journey of growth and brilliance.

ANIMATION

VISUAL EFFECTS

GAMING

DIGITAL MEDIA

FILM MAKING

VIRTUAL PRODUCTION



ANIMATION

Animation is the art and science of making pictures, or images, appear to move. It's a captivating form of visual storytelling that involves the manipulation of figures and objects to create the illusion of motion. This is achieved through a sequence of still images that are displayed rapidly, making characters and scenes come to life. The techniques of animation can vary widely, from traditional hand-drawn cartoons to complex 3D models created with advanced software.



MAX-LEVEL 3D

The Advanced 3D Animation Program at AVGCI Training Institute is designed for those seeking to deepen their expertise in 3D animation techniques and technologies. This 18-month program focuses on advanced concepts and applications in character animation, environmental design, and storytelling, aimed at refining skills for high-level animation projects.



TERM -I

Selection Tools

Layer Essentials

Image Touch-Up

Special Effects Creation

Editing Techniques

Color Grading Essentials

Graphics and Titles Integration

Audio Editing Primer

Noise Reduction Techniques

Multitrack Mixing Mastery

Advanced Audio Effects

TERM -II

3D Modeling

Rigging Fundamentals

Lighting and Rendering

Animation Essentials

Sculpting Techniques

Texture Painting

Mesh Optimization

Texture Creation Basics

Material Application

Exporting and Integration

TERM -III

Interactive 3D Worlds

Game Development Playground

Real-Time Rendering Revolution

Animation Essentials

Immersive Experiences

Facial Animation Innovation

Expressive Character Creation

Animation Performance Excellence

SOFTWARES



Photoshop



Premiere Pro



Audition CC



UNREAL
ENGINE

Unreal Engine



Maya



ZBrush



Substance Painter



Faceware

CAREER OPPORTUNITIES

Senior 3D Animator

Lead Modeler

Technical Animator

Animation Director

Motion Capture Artist

Video Editor

Game Designing

18 MONTHS

TCS MAYA PRO PROGRAM

The TCS Maya Pro Program at AVGCI Training Institute offers an advanced and comprehensive curriculum focused on mastering Autodesk Maya and related digital tools. This 12-month intensive training program prepares students for high-level technical and creative roles, with a unique opportunity to specialize further in areas like Animation, 3D Asset Generalist, or Unreal Generalist, tailoring their expertise to specific industry needs.



TERM -I

Selection Tools

Layer Essentials

Image Touch-Up

3D Modeling

Rigging Fundamentals

Lighting and Rendering

Animation Essentials

Sculpting Techniques

Mesh Optimization

Rendering Workflow

Texture Creation Basics

Material Application

Exporting and Integration

TERM -II

Interactive 3D Worlds

Game Development Playground

Real-Time Rendering Revolution

Animation Essentials

Immersive Experiences

Facial Animation Innovation

Expressive Character Creation

Animation Performance Excellence

SOFTWARES



Photoshop



Unreal Engine



Maya



ZBrush



Substance Painter



Faceware

CAREER OPPORTUNITIES

Animator

3D Modeler

Game Developer

Simulation Specialist

12 MONTHS

MEDIA & 3D TRAVELER

The 3D Animation Specialization Program at AVGCI Training Institute is an intensive 11-month journey designed to equip students with the essential skills needed to excel in the field of 3D animation. Students will master the complete animation process, from conceptual development to final production, focusing on creating lifelike characters and dynamic animations.

TERM -I

Selection Tools

Layer Essentials

Image Touch-Up

Special Effects Creation

Editing Techniques

Color Grading Essentials

Graphics and Titles Integration

Audio Editing Primer

Noise Reduction Techniques

Multitrack Mixing Mastery

Advanced Audio Effects

TERM -II

3D Modeling

Rigging Fundamentals

Lighting and Rendering

Animation Essentials

Sculpting Techniques

Texture Painting

Mesh Optimization

Texture Creation Basics

Material Application

Exporting and Integration

SOFTWARES



Photoshop



Premiere Pro



Audition CC



Maya



ZBrush



Substance Painter

CAREER OPPORTUNITIES

3D Animator

Modeler

Texture Artist

Character Rigger

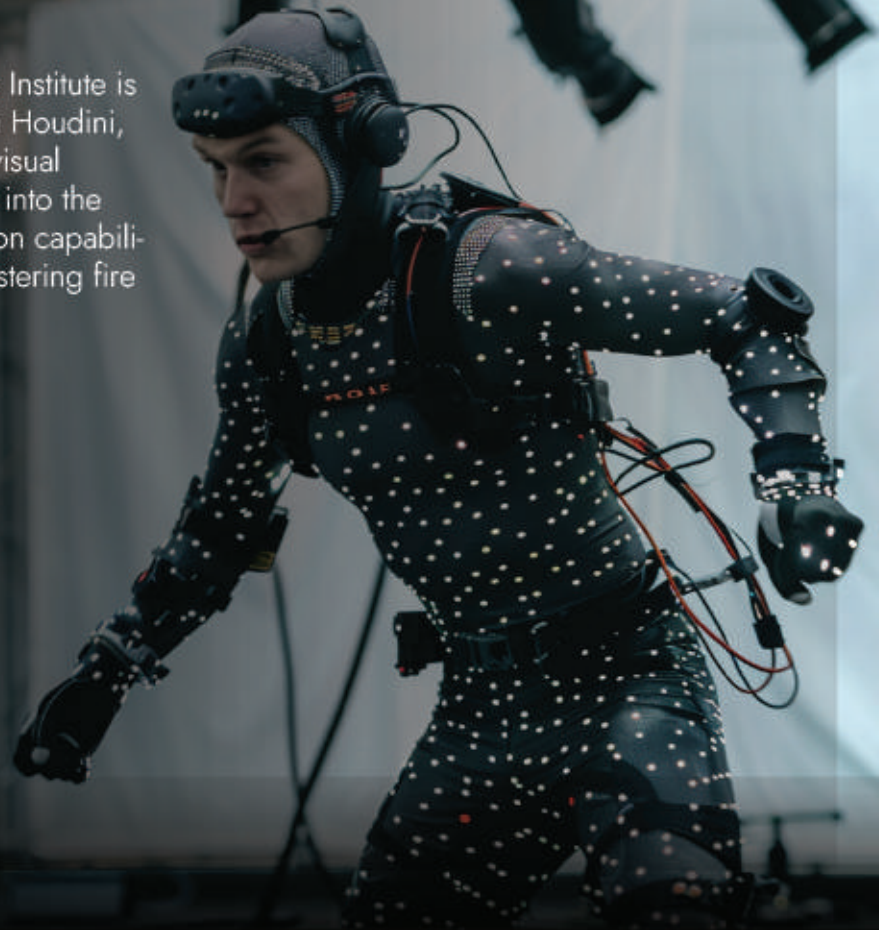
Lighting Technician

Render Wrangler

11 MONTHS

SUPREME – FX (HOUDINI)

The Houdini Pro Program at AVGCI Training Institute is designed to equip students with expertise in Houdini, one of the most powerful tools used in the visual effects industry. This 9-month course delves into the complex dynamics and procedural generation capabilities of Houdini, with a specific focus on mastering fire simulation using Houdini's Pyro FX.



TERM -I

Dynamic Simulations

Procedural Generation

VFX Creation

Particle Systems

Fluid Dynamics

Pyro Effects

Environment Creation

Animation Tools

SOFTWARES



Houdini



Pyro Fire (Houdini Pyro FX)

CAREER OPPORTUNITIES

FX Artist
Simulation Specialist
Effects Technical
Pyrotechnic Designer

9 MONTHS

ART OF 3D DESIGN (MAYA)

The Maya Pro Program at AVGCI Training Institute is specifically tailored for individuals aiming to master Autodesk Maya, a cornerstone software in the animation and visual effects industry. This 7-month course focuses on developing a deep understanding of Maya's modeling, animation, and rendering capabilities, supplemented by skills in Photoshop and Substance Painter for texture and detail enhancement.



TERM -I

Selection Tools

Layer Essentials

Image Touch-Up

3D Modeling

Rigging Fundamentals

Lighting and Rendering

Animation Essentials

Texture Creation Basics

Material Application

Exporting and Integration

SOFTWARES



Photoshop



Maya



Substance Painter

CAREER OPPORTUNITIES

3D Modeler

Animator

Render Artist

Visual Effects Technician

Texture Artist

7 MONTHS

ULTIMATE 3D BLENDER VFX (BLENDER)

The Blender Pro Program at AVGCI Training Institute is an intensive course designed for individuals seeking to master Blender, an all-in-one 3D creation suite. Over 7 months, students will explore the extensive capabilities of Blender, including modeling, texturing, animation, rendering, and compositing, enabling them to create complete 3D projects from scratch.



TERM -I

Advance 3D Modeling

Sculpting Wonders

VFX Creation Powerhouse

Texturing and Shading

Rigging Mastery

Fluid Simulation Magic

Motion Tracking Marvels

Character Animation Excellence

Photorealistic Rendering Capabilities

Dynamic Hair and Cloth Simulation

SOFTWARES



Blender



After Effects

CAREER OPPORTUNITIES

3D Generalist
Environment Designer
Visual Effects Artist
Game Designer
Motion Graphics Designer

8 MONTHS

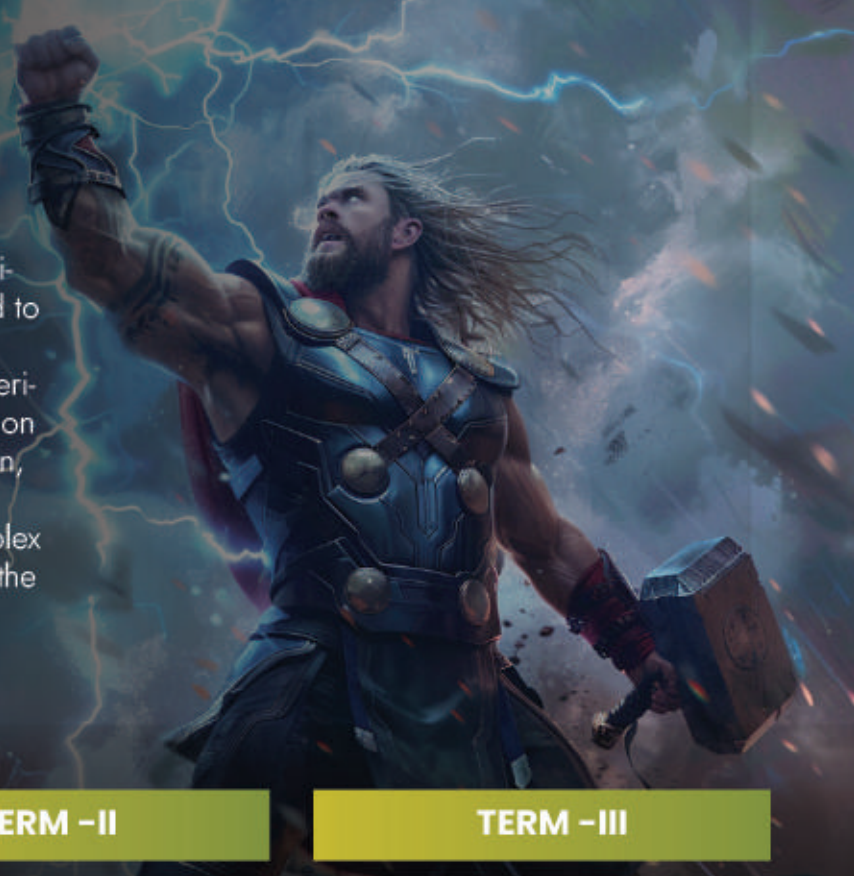
VISUAL EFFECTS

Visual Effects, commonly known as VFX, involve the integration of live-action footage and generated imagery to create environments which look realistic, but would be dangerous, costly, or simply impossible to capture on film. VFX artists use digital tools to manipulate images and scenes, adding or removing elements to enhance the visual experience. This technology plays a crucial role in modern filmmaking, allowing directors and producers to bring their most imaginative visions to life with stunning realism.



ADVANCED VFX PROGRAM

The Advanced VFX Program at AVGCI Training Institute is a comprehensive 24-month course designed to cultivate expert-level skills in visual effects. This program provides deep insights and hands-on experience with the industry's leading software, focusing on creating high-quality visual effects for film, television, and digital media. Students will learn to seamlessly integrate CGI with live-action footage, master complex simulations, and develop a solid understanding of the virtual production pipeline.



TERM -I

Film Making

Digital Art for VFX (Photoshop)

Advanced Editing (Premiere Pro)

Melody of Music (Adobe Audition)

Creative Comp Effects (After Effects)

TERM -II

The Art of 3D: Exploring Maya

Maya Modelling

Maya Texturing

Maya Lighting

Maya Rigging

Maya Animation

Maya Dynamics

TERM -III

Unlocking Creativity with Houdini FX

Introduction to Houdini

Flip

Pyro

Vellum

RBD

TERM -IV

Rotoscopy Artistry (Sillhouette)

Data Track (Mocha)

Matchmove Concepts (3D Equaliser)

Flow of Dynamics (Nuke)

Final Projects

TERM -V

Introduction to Unreal Engine

Working with Actors

Asset Workflow

Materials & Textures

Lighting

Working with Level Editor

Landscape & Vegetation

Sequencer

Niagara System

UMG

Paper2D

Additional Topics

SOFTWARES



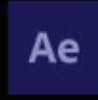
Photoshop



Premiere Pro



Audition CC



After Effects



Maya



Unreal Engine



Nuke



Silhouette



3D Equalizer



Mocha



Houdini

CAREER OPPORTUNITIES

VFX Generalist

3D Generalist

Compositor

Motion Capture Artist

Simulation Artist

Visual Effects Technical

Director of Photography (DOP)

Virtual Production Manager

Motion Design Artist

Rotoscoping Artist

Match-Move Artist

VFX Prep Artist

Video Editor

24 MONTHS

VFX MASTERY

The VFX Program at AVGCI Training Institute is an intensive 10-month course designed to equip students with fundamental and advanced techniques in visual effects. This program teaches the art and science of combining live-action footage with computer-generated imagery to create environments and scenes that enhance storytelling in film and media. Students will gain proficiency in a suite of professional software tools, enabling them to create compelling visual effects for a variety of applications.

TERM - I

Film Making

Digital Art for VFX (Photoshop)

Advanced Editing (Premiere Pro)

Melody of Music (Adobe Audition)

Creative Comp Effects (After Effects)

TERM - II

Rotoscopy Artistry (Silhouette)

Data Track (Mocha)

Matchmove Concepts (3D Equaliser)

Flow of Dynamics (Nuke)

Final Projects



SOFTWARES



Photoshop



Premiere Pro



Audition CC



After Effects



3D Equalizer



Mocha



Nuke



Silhouette

CAREER OPPORTUNITIES

VFX Artist
Compositor
Roto Artist
Matchmove Artist
VFX Coordinator
Motion Design Artist
Video Editor
Matte Painting Artist

11 MONTHS

COMPOSITING PRO PROGRAM

The Compositing Pro Program at AVGCI Training Institute is a focused 7-month course aimed at developing expert-level skills in digital compositing. This program trains students to seamlessly integrate various visual elements from disparate sources into a single image or sequence, creating the illusion that all elements are part of the same scene. The course emphasizes practical skills in key compositing software, preparing students for demanding roles in the visual effects industry.

TERM - I

Rotoscopy Artistry (Silhouette)

Data Track (Mocha)

Matchmove Concepts (3D Equaliser)

Flow of Dynamics (Nuke)

Final Projects

SOFTWARES



3D Equalizer



Mocha



Nuke



Silhouette

CAREER OPPORTUNITIES

Digital Compositor
Roto Artist
Matchmove Artist
VFX Supervisor
Pre-Vis Artist

7 MONTHS

BROADCAST MEDIA PRO PROGRAM

The Broadcast Media Pro Program at AVGC Training Institute is a specialized 7-month course designed to equip students with the skills necessary to excel in the dynamic field of broadcast media. This program focuses on the production and post-production processes essential for television, radio, and digital broadcasting. Students will learn to create professional-quality graphics, edit video and audio, and integrate visual effects to enhance storytelling in broadcast media.

TERM -I

Digital Art for VFX (Photoshop)

Designing Art (Illustrator)

Advanced Editing (Premiere Pro)

Melody of Music (Adobe Audition)

Creative Comp Effects (After Effects)

Extension Mastery (Artificial Intelligence Addons)

Final Projects

SOFTWARES

Ps

Photoshop

Pr

Premiere Pro

Au

Audition CC

Ae

After Effects

Ai

Illustrator

CAREER OPPORTUNITIES

Graphic Designer

Video Editor

Audio Technician

Motion Graphics Designer

Production Assistant

6 MONTHS

TCS COMPOSITING PRO PROGRAM

The TCS Compositing Pro Program at AVGCI Training Institute is an advanced 12-month course designed to provide intensive training in digital compositing. This program prepares students to master the art of combining visual elements from various sources into cohesive final images that appear realistically integrated. The curriculum includes foundational and specialized training, culminating in a specialization phase where students can choose to focus further as a VFX Generalist, enhancing their versatility in the industry.



TERM -I

Film Making

Digital Art for VFX (Photoshop)

Advanced Editing (Premiere Pro)

Melody of Music (Adobe Audition)

Creative Comp Effects (After Effects)

TERM -II

Rotoscopy Artistry (Sillhouette)

Data Track (Mocha)

Matchmove Concepts (3D Equaliser)

Flow of Dynamics (Nuke)

Final Projects

TERM -III

Advanced Rotoscopy Artistry (Sillhouette)

Advanced Visual Effects Tracking Fundamentals (Mocha)

Advanced Matchmove Techniques (3D Equaliser)

Advanced Seamless Visual Effects Integration (Nuke)

Final Projects

SOFTWARES

Ps

Photoshop

Pr

Premiere Pro

Au

Audition CC

Ae

After Effects

3DE

3D Equalizer



Mocha



Nuke



Silhouette

CAREER OPPORTUNITIES

VFX Artist
Senior Compositor
VFX Supervisor
Digital Effects Designer
Pre-Vis Specialist

14 MONTHS

GAMING

Gaming refers to the act of playing electronic games, whether through consoles, computers, mobile phones, or other mediums. It involves interactive play that can be single-player or multiplayer, offering a wide range of genres from strategy and puzzles to adventure and action. Gaming combines technology, art, and narrative to create immersive experiences that engage the player both mentally and physically.



GAME ART AND DESIGN PROGRAM

The Game Art and Design Program at AVGCI Training Institute is a comprehensive 12-month course designed to train students in the creation of artistic assets for video games. This program focuses on both the technical skills and creative approaches necessary to develop appealing game art and immersive environments. Students will learn to use leading software to design characters, environments, and props that meet professional industry standards.



TERM -I

Fundamentals of Game Art

Colour Theory

Character Concept

Weapon Concept

Vehicle Concept

Props Concept

Digital Painting

Landscaping the World

Storyboard

2D Animation

Introduction to 3D

TERM -II

Introduction to Game Engine

Working with Actors

Asset Workflow

Physical Based Materials

Lighting & Post Process Effects

Game Level Blockout

Landscape & Vegetation

Procedural Content Generation

Animation

Effects and Fluids

User Interface Design

Game Design Essentials

TERM -III

Introduction to Blueprints

Variables & Constants

Operators

Math Functions

String Functions

Flow Control Nodes

Array, Set Map

Macros, Functions & Events

OOP Essentials

Interfaces

Blueprint Communication

Vector Math

Game Play Framework

Make 2D Game

Make 3D Game

SOFTWARES



Photoshop



Unreal Engine



Substance Painter



ZBrush



Maya

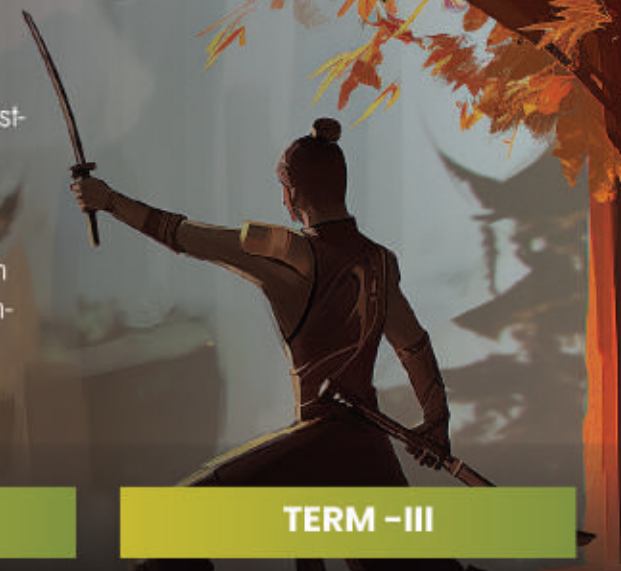
CAREER OPPORTUNITIES

Game Artist
Environment Artist
Character Modeler
Texture Artist
Technical Artist

12 MONTHS

GAME DESIGN AND PROGRAMMING PROGRAM

The Game Design and Programming Program at AVGCI Training Institute is an intensive 12-month course tailored for students interested in both the creative aspects of game design and the technical challenges of game programming. This program blends artistic design principles with practical programming skills, focusing on developing games using industry-standard tools. Students will learn to conceptualize game mechanics, design engaging game environments, and implement interactive elements using Unreal Engine's Blueprints visual scripting system.



TERM -I

Fundamentals of Game Art

Colour Theory

Character Concept

Weapon Concept

Vehicle Concept

Props Concept

Digital Painting

Landscaping the World

Storyboard

2D Animation

Introduction to 3D

TERM -II

Introduction to Game Engine

Working with Actors

Asset Workflow

Physical Based Materials

Lighting & Post Process Effects

Game Level Blockout

Landscape & Vegetation

Procedural Content Generation

Animation

Effects and Fluids

User Interface Design

Game Design Essentials

TERM -III

Introduction to Blueprints

Variables & Constants

Operators

Math Functions

String Functions

Flow Control Nodes

Array, Set Map

Macros, Functions & Events

OOP Essentials

Interfaces

Blueprint Communication

Vector Math

Game Play Framework

Make 2D Game

Make 3D Game

SOFTWARES



Photoshop



Unreal Engine



Maya

CAREER OPPORTUNITIES

Game Designer
Game Programmer
Level Designer
Systems Designer
Gameplay Programmer

12 MONTHS

GAME DEVELOPMENT PROGRAM

The Game Development Program at AVGCI Training Institute is a detailed 20-month course designed to provide comprehensive training in all aspects of game development. This program covers the entire game development cycle from concept to completion, focusing on both artistic and programming skills. Students will learn to create detailed 3D models, textures, and environments, as well as implement game logic and interactions using Unreal Engine's Blueprint visual scripting system.

TERM -I

Fundamentals of Game Art

Colour Theory

Character Concept

Weapon Concept

Vehicle Concept

Props Concept

Digital Painting

Landscaping the World

Storyboard

2D Animation

TERM -II

Introduction to 3D

Designing Characters

Designing Weapons

Designing Vehicles

Designing Props

Building Environments

Digital Texturing

Rigging and Animation for Games

Effects and Dynamics

Digital Sculpting

TERM -III

Introduction to Game Engine

Working with Actors

Asset Workflow

Physical Based Materials

Lighting & Post Process Effects

Game Level Blockout

Landscape & Vegetation

Procedural Content Generation

Animation

Effects and Fluids

User Interface Design

Game Design Essentials

TERM -IV

Introduction to Blueprints

Variables & Constants

Operators

Math Functions

String Functions

Flow Control Nodes

Array, Set Map

Macros, Functions & Events

OOP Essentials

Interfaces

Blueprint Communication

Vector Math

Game Play Framework

Make 2D Game

Make 3D Game

SOFTWARES



Photoshop



Unreal Engine



Substance Painter



ZBrush



Maya

CAREER OPPORTUNITIES

Game Developer

Environment Artist

Character Artist

Technical Artist

Gameplay Programmer

20 MONTHS

UNREAL DEVELOPMENT PROGRAM

The Unreal Development Program at AVGCI Training Institute is an 8-month course specifically tailored for students who want to specialize in using Unreal Engine, one of the most powerful game development platforms available today. This program focuses on mastering Unreal Engine, particularly its Blueprints visual scripting system, enabling students to build complex game mechanics and interactions without deep coding knowledge. Students will learn to create fully functional prototypes, immersive game environments, and interactive gameplay elements.

SOFTWARES



Unreal Engine

CAREER OPPORTUNITIES

Unreal Engine Developer
Gameplay Designer
Technical Designer
VR/AR Developer

8 MONTHS

UNITY DEVELOPMENT PROGRAM

The Unity Development Program at AVGCI Training Institute is an 8-month course designed to train students in using Unity Engine, one of the leading platforms for game development and interactive content creation. This program emphasizes the development of practical skills in Unity, including scripting in C#, creating game mechanics, and integrating multimedia assets to build immersive gaming experiences. Students will engage in hands-on projects that cover various aspects of game design and development, preparing them for the demands of the industry.

SOFTWARES



Unity Engine

CAREER OPPORTUNITIES

Unity Developer
Game Programmer
Interactive Content Designer
Simulation Developer

8 MONTHS

DIGITAL MEDIA

Digital Media, often referred to as Multimedia, encompasses a wide range of digital formats for presenting content. This includes text, audio, images, animations, video, and interactive content. The term "multimedia" signifies the use of multiple forms of media to improve the user experience and convey information more effectively. It integrates technology and creative arts to create dynamic, engaging content that can be interactive or passive.



ADVANCED UI/UX PROGRAM

The Advanced UI/UX Program at AVGCI Training Institute is a comprehensive 12-month course designed to provide in-depth training in user interface and user experience design. This program equips students with the skills needed to create intuitive, engaging, and aesthetically pleasing digital interfaces. The curriculum covers the full spectrum of UI/UX design, from conceptualization and prototyping to user testing and final implementation, ensuring graduates are well-prepared to meet the demands of the tech industry.

TERM -I

Tools for Digital Design

Tools for Vector Design

Color schemes and Typography

Gradients and Patterns

Filters and Effects

Digital Image Editing

Creative Vector Art

TERM -II

Design Framework

Information Architecture

UX Research

Planning and Wireframing

Laws of UX Design

Prototyping

Case Studies

TERM -III

Fundamentals of Design

Basic Design Principles

Text and Typography

Designing Infographics

Collaborative Design

Advanced Design Techniques

Efficient Design Workflows

Advanced Prototyping

Real-world Applications

TERM -IV

Text Formatting

Working with Multimedia

Navigation System

Web Forms

Structural Elements

Selectors & Styles

Web Layout Design

Modern Website Design

TERM -V

Language Tokens

Control Structures

Functions

Objects

Event Handling

DOM Manipulations

Interactive Apps

TERM -VI

Widgets and Effects

Interactions

Web Themes

Enhancing Content

Interactive Content

Responsive Layouts

Responsive Website Design

SOFTWARES



CAREER OPPORTUNITIES

UI/UX Designer
Web Designer
Front-End Developer
Interaction Designer
Usability Tester

12 MONTHS

UI/UX DESIGN PROGRAM

The UI/UX Design Program at AVGCI Training Institute is a focused 6-month course aimed at developing foundational and advanced skills in user interface and user experience design. This program trains students to understand and apply the principles of design to create effective and engaging user interfaces for websites and applications. By the end of the course, students will be proficient in designing aesthetically pleasing and functionally intuitive products.

TERM - I

Tools for Digital Design
Tools for Vector Design
Color schemes and Typography
Gradients and Patterns
Filters and Effects
Digital Image Editing
Creative Vector Art

TERM - II

Design Framework
Information Architecture
UX Research
Planning and Wireframing
Laws of UX Design
Prototyping
Case Studies

TERM - III

Fundamentals of Design
Basic Design Principles
Text and Typography
Designing Infographics
Collaborative Design
Advanced Design Techniques
Efficient Design Workflows
Advanced Prototyping
Real-world Applications

SOFTWARES



CAREER OPPORTUNITIES

UI Designer
UX Designer
Web Designer
Digital Product Designer
Visual Designer

6 MONTHS

UI DEVELOPMENT PROGRAM

The Unreal Development Program at AVGCI Training Institute is an 8-month course specifically tailored for students who want to specialize in using Unreal Engine, one of the most powerful game development platforms available today. This program focuses on mastering Unreal Engine, particularly its Blueprints visual scripting system, enabling students to build complex game mechanics and interactions without deep coding knowledge. Students will learn to create fully functional prototypes, immersive game environments, and interactive gameplay elements.



TERM -I

Text Formatting

Working with Multimedia

Navigation System

Web Forms

Structural Elements

Selectors & Styles

Web Layout Design

Modern Website Design

TERM -II

Language Tokens

Control Structures

Functions

Objects

Event Handling

DOM Manipulations

Interactive Apps

TERM -III

Widgets and Effects

Interactions

Web Themes

Enhancing Content

Interactive Content

Responsive Website Design

SOFTWARES



HTML



CSS



JavaScript



Bootstrap



jQuery



jQueryUI

CAREER OPPORTUNITIES

Front-End Developer

Web Developer

UI Developer

JavaScript Developer

Interactive Developer

6 MONTHS

PRINT MEDIA PRO PROGRAM

The Print Media Pro Program at AVGCI Training Institute is a concise 4-month course tailored to develop professional skills in print media design and production. This program focuses on the essential tools and techniques needed to create high-quality printed materials such as brochures, magazines, posters, and packaging. Students will learn to effectively combine text, graphics, and images, ensuring their designs are both aesthetically pleasing and functionally sound.

TERM -I

- Digital artworks
- Typographic posters
- Digital paintings
- Photo manipulations
- Matte paintings
- Vector logos and illustrations
- Creative effects

TERM -III

- Logos and branding materials
- Textile patterns
- Artistic compositions with special effects
- Landscape designs
- Magazine advertisements
- Digital illustrations
- Page layouts for publications

TERM -II

- Logo designs
- Text-based designs
- Vector illustrations
- Icon sets and symbols
- Graphic designs with special effects
- Infographics and data visualizations
- Vector artwork for web and print media

TERM -IV

- Product manuals
- Magazine layouts
- Newspaper designs
- Printed documents for commercial printing
- Digital publications for online viewing

SOFTWARES



Photoshop



Illustrator



Coreldraw



Indesign

CAREER OPPORTUNITIES

- Graphic Designer
- Layout Designer
- Print Production Artist
- Prepress Technician

4 MONTHS

FILM MAKING

Filmmaking is the process of creating a film, from initial storyboarding and scripting through to shooting, editing, and finally, distribution. It encompasses a variety of creative and technical skills to bring a story or concept to life on screen. Filmmakers use a wide range of techniques and technologies to craft visual narratives that engage, entertain, and inform audiences.



PHOTOGRAPHY PROGRAM

The Photography Program at AVGCI Training Institute is an 8-month intensive course designed to train students in the art and science of photography. This program covers a broad range of topics, from the fundamentals of camera operation and composition to advanced techniques in lighting, portrait, landscape, and digital post-processing. Students will explore different styles and genres of photography, developing a strong foundation in both technical skills and artistic expression.

SOFTWARES



Photoshop



Adobe Lightroom



Capture One

CAREER OPPORTUNITIES

Professional Photographer
Photo Editor
Studio Manager
Freelance Photographer
Photography Assistant

8 MONTHS

DIRECTION

A director is a storyteller through the lens. We understand the nuances of the craft and hence our team of professionals foster you to have an in-depth knowledge of screenwriting, cinematography, acting, sound recording and other design aspects of filmmaking so that the director in you can tell his/her visual tale like a maestro.

SKILLS

Art of captivating story telling with proper technical back up.
Technical training
Professional level Filmmaking equipment
Imagination and visualization
Safety procedures during shooting
Composition
Sound Design

12 MONTHS

CINEMATOGRAPHY

Cinematographer is a pro at harnessing both artistic and technical capabilities. We train them to be an amalgam of both. We train our students to masterfully translate the director's vision into moving visuals. From handling cameras to lighting, from setting Camera Angles to picking the right lighting. Through structured workshops, classroom-based sessions and projects, our students pick up expertise in their craft. We develop creative expressions along with Technical inputs.

SKILLS

Digital cinematography
Electronic cinematography
Framing and composition
Professional gadgets
Focus and exposure control
Exploring varied shooting styles

20 MONTHS



VIRTUAL PRODUCTION

Virtual Production is a cutting-edge filmmaking technique that blends digital content creation with traditional filmmaking. It utilizes advanced technologies such as motion capture, real-time rendering, and augmented reality to create immersive and visually stunning environments directly on the film set. This allows filmmakers to interact with their digital surroundings in real-time, significantly enhancing the creative and production process.



VIRTUAL PRODUCTION PROGRAM

The Virtual Production Program at AVGCI Training Institute is an 11-month course designed to train students in the rapidly evolving field of virtual production. This program focuses on the integration of real-time computer graphics with live-action footage, utilizing cutting-edge technology to create immersive visual environments. Students will learn about motion capture, real-time rendering, augmented reality, and the use of LED volume stages, preparing them to work at the intersection of technology and filmmaking.

TERM -I

Film Making

Digital Art for VFX (Photoshop)

Advanced Editing (Premiere Pro)

Melody of Music (Adobe Audition)

Creative Comp Effects (After Effects)

TERM -II

Rotoscopy Artistry (Sillhouette)

Data Track (Mocha)

Matchmove Concepts (3D Equaliser)

Flow of Dynamics (Nuke)

Final Projects

TERM -III

Introduction to Unreal Engine

Working with Actors

Asset Workflow

Materials & Textures

Lighting

Working with Level Editor

Landscape & Vegetation

Sequencer

Niagara System

UMG

Paper2D

Additional Topics

SOFTWARES



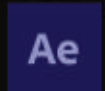
Motion Builder



Unreal Engine



Maya



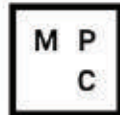
After Effects

CAREER OPPORTUNITIES

Virtual Production Operator
Motion Capture Technician
Real-Time VFX Artist
Virtual Production TD
Virtual Environment Designer

15 MONTHS

INDUSTRY HIRING PARTNERS



PLACEMENTS



P Sai Deekshith

Jr. 3d modelling artist
VIRTUAL ONE



A Shiva Reddy

Jr 3d animator
CHRP INDIA PVT LTD



Srinivas Vaibhogula

Designer Executive
PHOTOEXPRESS.IN



Bella Venkatesh

Jr 3d animator
APPLY ARTS STUDIO



Vandana

Associate Video Editor
TAMADA MEDIA



Srikanth A

Compositing Artist
MPC



A Harish

Video Editor
ADITYA MUSIC



Adarsh

Jr. Composer
MATRIX VFX



G Durga Leela Prasad

Compositing Artist
MPC



Shaik Mabu Hussain

Jr. Compositing artist
HOOP VFX



Sricharan

Motion Graphics Artist
TUTORAC



Anneboina Raju

Prep Artist
OSCAR FX



M Naveen

Rigging artist
D NEG



E. Anil Kumar

3D animator
SHOOTORDER



Allam Teja

Graphic Designer
3DM AGENCY



Ch Manikanta Manoj

Paint /Prep artist
FIREFLY CREATIVE STUDIOS



Shrivi Kundana
Interior designer
STUDIO HAVELI



P Ravi Teja Reddy
vfx generalist
META VFX



Sanku Nikhil
vfx generalist
META VFX



Vikas j
Editor
HOUSEFULL DIGITAL



B Subhash Nayak
Jr. Compositing artist
BOOBOO GAMES



Dharavath Bharatha
Motion Graphic Artist
TUTORIALS POINT PVT. LTD.



Shaik Basheer
Jr. Compositing artist
MAKUTA VFX



Sathvika
Associate Video Editor
TAMADA MEDIA



Pradeep c
Prep Artist
PIXSTONE IMAGES PVT LTD



Sai Pavan Kota
Editing artist
TUTORAC



Ravi Sandeep R
Video Editing
TUTORAC



Kireeti
Gaming artist
VIRTUAL ONE



K Srikanth
Graphic Designer
3DM AGENCY



Aravind Kammagoni
Graphic Designer
RS BROTHERS



Uday Gattu
Motion Graphics Designer
RAYSON INDIA



A.Nandini
Motion Graphics Designer
TUTORIALS POINT



LIFE @





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AVGCI

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