ADVANCED PROGRAM IN VISUAL EFFECTS

Light Camera Action

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ANIMATION
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1

GRAVITY
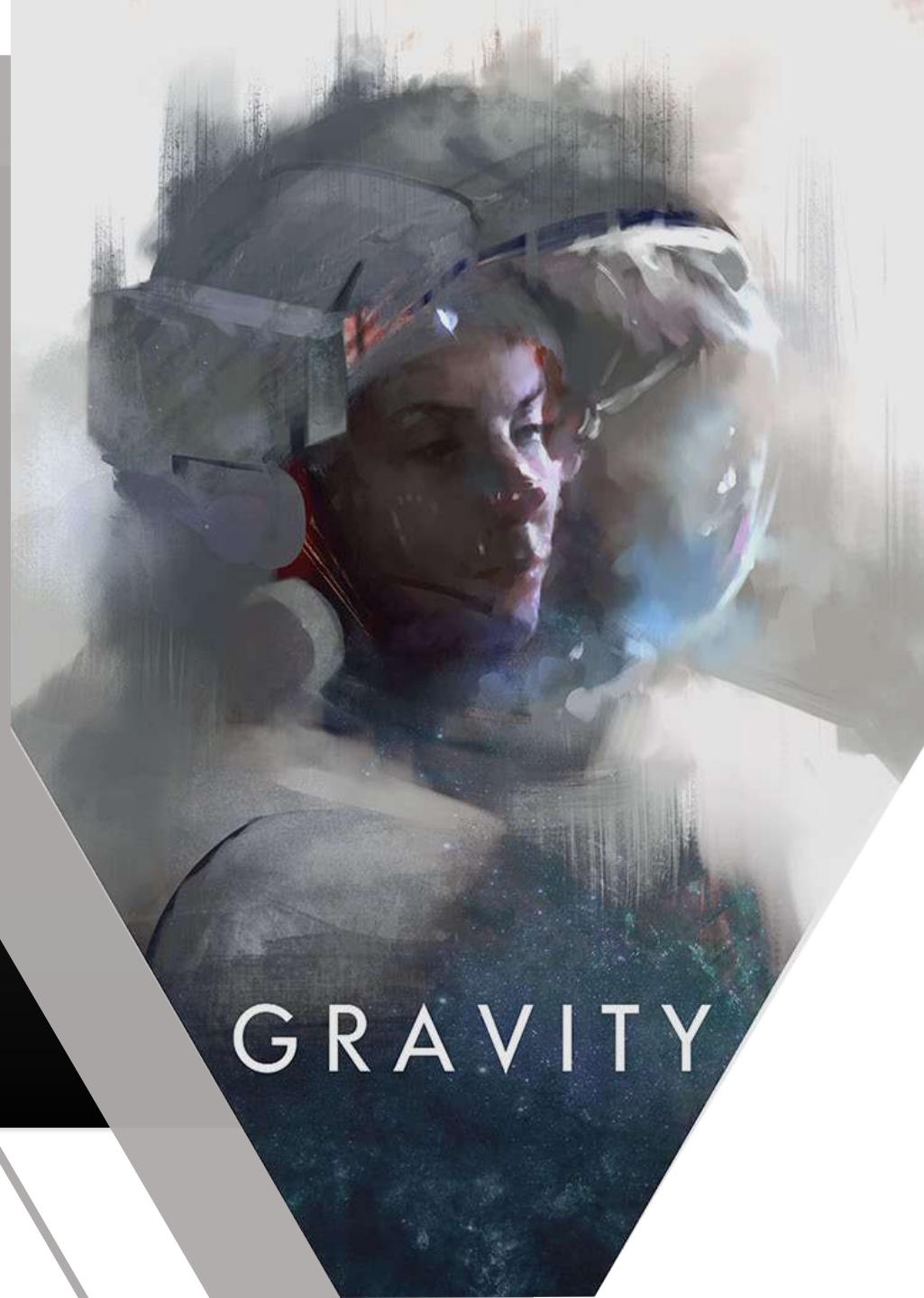
INDUSTRY INSIGHT

The VFX industry is evolving rapidly with advancements in real-time rendering, AI-driven automation, and virtual production. Unreal Engine is transforming VFX workflows by enabling photorealistic environments, real-time compositing, and AI-assisted effects, reducing production time and costs significantly. The demand for high-quality VFX in films, TV, gaming, advertising, and the metaverse is surging, pushing studios to adopt more efficient and immersive techniques. The future of VFX lies in real-time production, AI-powered automation, and cross-platform content creation, making Unreal Engine a game-changer in the industry.

India is Poised to Become a Global Hub for VFX
The growth of India's VFX industry is driven by:
A Highly Skilled Workforce in CGI, compositing, and real-time rendering
Cost-Effective Production attracting major Hollywood & global studios
Increased Demand for High-Quality VFX in films, OTT content, and gaming
Government Incentives & AVGC (Animation, VFX, Gaming & Comics) Policy Support
Growing Use of Virtual Production using real-time technologies like Unreal Engine

Advantages of the VFX Industry in India
World-Class VFX Studios working on Hollywood, Bollywood, and global projects
Cutting-Edge Technology Adoption with Unreal Engine, AI, and cloud rendering
Global Outsourcing Hub for major studios like Disney, Marvel, Netflix & Warner Bros.
Strong IT & Software Expertise driving AI-powered VFX workflows
Expanding Demand Across Industries including films, gaming, and the metaverse

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About

The epicenter of cinematic magic with **Advanced Program in Visual Effects** a career course designed to transform creative visionaries into architects of awe-inspiring digital worlds. Empowering to craft blockbuster-quality effects that blur the lines between imagination and reality. This program is the gateway to becoming a luminary in the ever-evolving universe of visual effects.

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COURSE HIGHLIGHT:

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- Job-oriented, industry centric curriculum

- Hands-on practical training using latest tools and software

- Certified faculty

- Exposure to industry interaction and workshops

- Placement assistance

- Access to **Pro Connect,** a platform to showcase your portfolio

Course Content

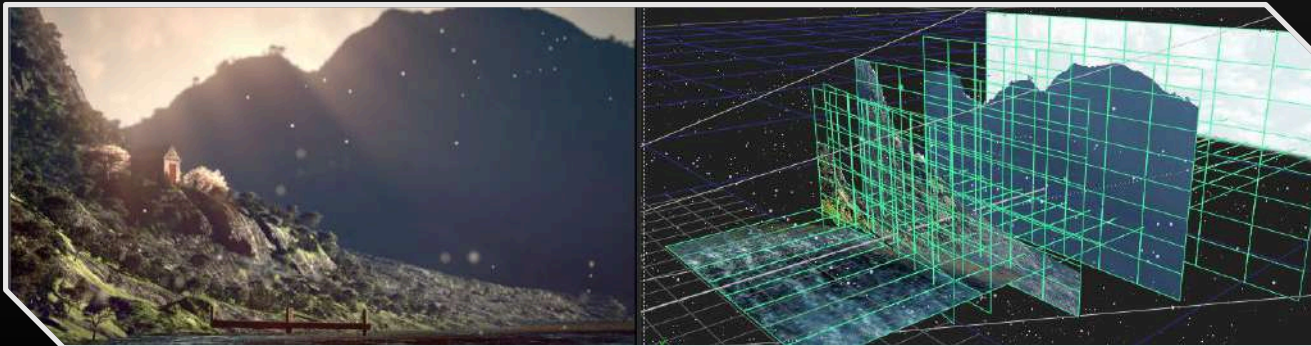## Design and Visualization

Duration: 220 hrs

Advanced 3D Design for VFX

Duration: 206 hrs

Advanced FX and Compositing

Duration: 178 hrs

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COURSE STRUCTURE

Term 1: Design and Visualization

Modules	Preferred Training Tools	Sessions	Theory Hours	Lab Hours	Total Hours	Home Assignments
Cinematography & Photography Basics	Theory/Conceptual	4	8	0	8	0
Color and Light Magic	Theory/Conceptual	4	8	0	8	0
Perspectives and Character Design	Theory/Conceptual	4	8	0	8	4
Mastering Digital Illustrations	Adobe Illustrator CC	10	20	8	28	0
Pixel Perfect Painter	Adobe Photoshop CC	14	28	12	40	2
Storyboard Mastery	Storyboarder	4	8	6	14	2
Cinematic Edits	Adobe Premier Pro CC	10	20	6	26	4
Digital Sound Craft	Adobe Audition CC	4	8	2	10	2
2D Animation Mastery	Adobe Animate CC	10	20	6	26	10
Motion Graphics	Adobe After Effects CC	12	24	8	32	10
Ai Art Innovator	Gen Ai tools for Text/Image/Video	6	12	4	16	10
Portfolio Powerhouse	Term-end Portfolio	1	2	2	4	20
Total		83	166	54	220	64

COURSE STRUCTURE

Term 2: Advanced 3D Design for VFX

Modules	Preferred Training Tools	Sessions	Theory Hours	Lab Hours	Total Hours	Home Assignments
Understanding CG Pipeline	Theory/Conceptual	2	4	0	4	0
Asset Creation for CGI & Games	Autodesk Maya	15	30	8	38	6
Textures and Details	Autodesk Maya	6	12	8	20	6
Realistic Surface Creation	Adobe Substance Painter	9	18	8	26	4
Real World Replication	Reality Capture	4	8	8	16	4
Illuminating Assets	Autodesk Maya with Arnold	12	24	8	32	8
Bringing Characters to Life with Rigging	Autodesk Maya	6	12	10	22	4
Art of 3D Animation	Autodesk Maya	12	24	12	36	6
Ai Powered 3D Workflow	Gen Ai tools for 3D Assets Creation & Animation	3	6	2	8	10
Portfolio Powerhouse	Term-end Portfolio	1	2	2	4	20
Total		70	140	66	206	68

COURSE STRUCTURE

Term 3: Advanced FX and Compositing

Modules	Preferred Training Tools	Sessions	Theory Hours	Lab Hours	Total Hours	Home Assignments
3D FX, Dynamics and Simulations	Autodesk Maya nCloth & X-Gen	12	24	12	36	8
Introduction to Virtual Production	Theory/Conceptual	2	4	0	4	0
Procedural FX with Houdini	Houdini	12	24	12	36	12
Advanced Roto with Silhoutte	Silhoutte	6	12	6	18	6
Art of Camera Tracking	3D Equalizer	6	12	6	18	6
Magic of Compositing with Nuke	Nuke	20	40	20	60	32
Portfolio Powerhouse-Demo Reel	Term-end Portfolio	1	2	2	4	20
Career Launchpad	LinkedIn, Upwork	1	2	0	2	10
Total		60	120	58	178	94

SUMMARY

Total Hours

604 hrs

Total Terms

3

Software's Covered

Adobe Illustrator CC, Adobe Photoshop CC, Storyboarder, Adobe Premier Pro CC, Adobe Audition CC, Adobe Animate CC, Adobe After Effects CC, Gen Ai tools for Text/Image/Video, Autodesk Maya, Adobe Substance Painter, Reality Scan, Autodesk Maya, Arnold, Autodesk Maya nCloth & X-Gen, Houdini, Silhouette, 3D Equalizer, Nuke

Course Code

3169-AAIPP-AdvVE

COURSE OUTCOME

Upon completing this course, students will master the technical and creative skills to design, animate, and integrate high-impact visual content across digital media. They will gain expertise in foundational design principles, such as cinematography, color theory, and character design, and advance to crafting hyper-realistic 3D models, textures, and animations using industry-standard workflows. Learners will develop proficiency in dynamic visual effects, including particle simulations, procedural FX, and photorealistic compositing, enabling them to seamlessly blend CGI with live-action footage. By integrating AI-driven tools to streamline workflows, students will innovate in areas like automated asset creation, motion graphics, and collaborative storytelling. Graduates will emerge with polished portfolios and demo reels showcasing their ability to solve complex technical challenges, design immersive digital experiences, and deliver professional-grade work for film, gaming, advertising, and virtual production.
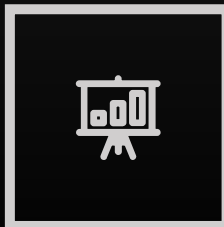
CAREER OPPORTUNITIES
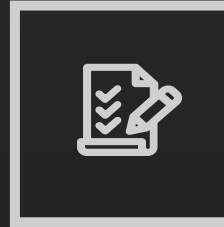
- VFX Artist
- Compositor
- FX Artist
- Lighting/Rendering Artist
- Technical Artist
- Environment Artist
- Motion Graphics Designer
- Video Editor
- VFX Supervisor
- 3D Artist
- Roto Artist

ELIGIBILITY

Eligibility Criteria:

10 + 2

Certification: AAIPP - Advanced Program in Visual Effects

Certificate Type :Certificate of Accomplishment

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REASON TO BELIEVE

INDUSTRY-RELEVANT CURRICULUM

Designed with cutting-edge tools and technologies like Gen AI, ensuring students are industry-ready.

DIVERSE CAREER OPPORTUNITIES

Graduates can explore roles in Animation, VFX, Gaming, UI/UX, Graphic Design, Digital Content creation and more, offering flexibility and growth.

PRACTICAL HANDS-ON TRAINING

Real-world projects, live assignments, and immersive learning experiences bridge the gap between theory and application.

INDUSTRY EXPOSURE & PLACEMENT ASSISTANCE

Get access to workshops, mentorship from industry leaders, and placement support through our vast recruiter network.

PRO CONNECT

With a legacy of excellence, Arena Animation equips students with the skills, exposure, and expertise to thrive in the fast-evolving creative and digital industries.

BRAND ENGAGEMENT

✓ Industry Collaboration and Expert masterclass — Regular masterclasses and guest lectures from top industry professionals across animation, VFX, gaming, and design.

✓ Immersive Experience Booths — Presenting student work at Comic-Con, industry expos, and recruitment summits.

✓ On Ground engagement and Events — Creative Minds events where students showcase their projects to industry leaders.

✓ Student centric Engagements — Internships & Industry Projects – Real-world learning opportunities with top brands and studios across all courses

✓ Campus Workshops & Walk-Ins — Hands-on training sessions for prospective students to experience the program before enrolling.

THANK YOU

Reach out to us for any queries at:

arenaanimation@aptech.co.in