ADVANCED PROGRAM IN VFX FILM MAKING

Light Camera Action

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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

This Advanced Program in VFX Film Making trains students to master the end-to-end creation of visual effects for film and digital media, combining artistic storytelling with cutting-edge technical skills. The curriculum begins with foundational principles of cinematography, color theory, and storyboarding to craft compelling narratives, while honing expertise in digital image editing, motion graphics, and audio-visual synchronization. Learners then advance to 3D design, mastering photorealistic modeling, texturing, rigging, and animation to bring characters and environments to life. The program culminates in advanced compositing techniques, including camera tracking, rotoscoping, and seamless CGI-live action integration, ensuring polished, cinematic results. Students refine their ability to tackle complex VFX challenges, from lighting and rendering to scene reconstruction, while building a professional portfolio. Career-focused modules prepare graduates for roles in film, gaming, or advertising, equipping them with the creativity, technical precision, and industry-ready skills to transform concepts into visually stunning, high-impact productions.





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COURSE HIGHLIGHT:

- 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 Duration : **426 Hours**

Delivery Pattern :
2 Hours, 3days / week

Course Content



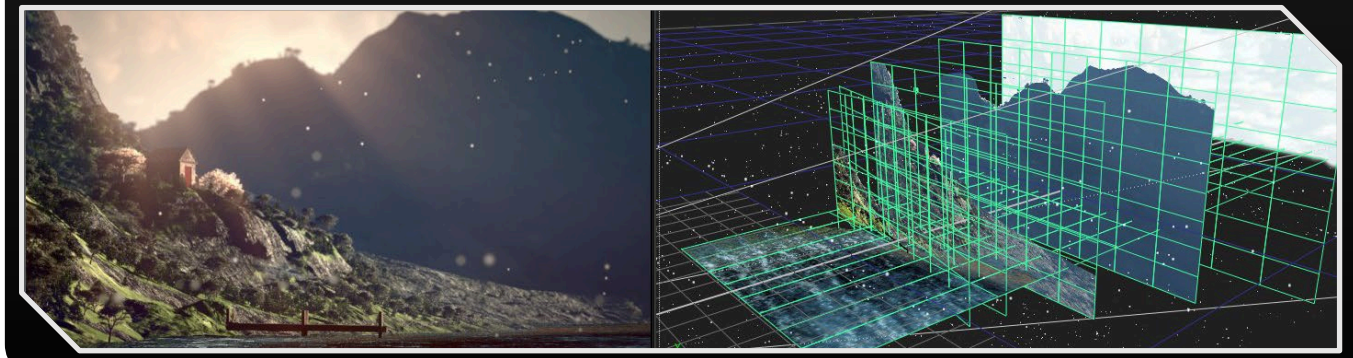
Creative Design & Digital Media

Duration: 146 hrs

Advanced 3D Design

Duration: 178 hrs





Advanced Tracking and Compositing

Duration: 102 hrs

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COURSE STRUCTURE

Term 1: Creative Design & Digital Media

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
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
Motion Graphics	Adobe After Effects CC	12	24	8	32	10
Total		56	112	34	146	24

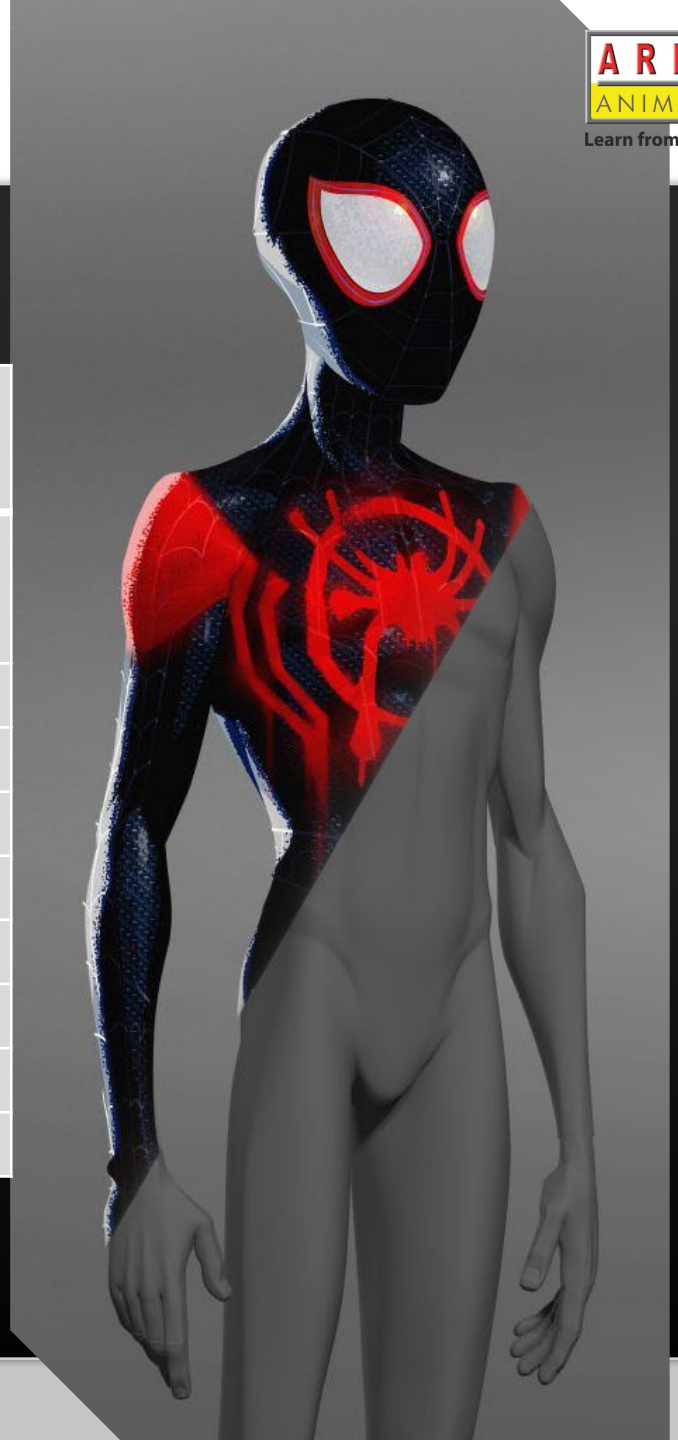




COURSE STRUCTURE

Term 2: Advanced 3D Design

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
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
Total		62	124	54	178	34



COURSE STRUCTURE

Term 3: Advanced Tracking and Compositing

Modules	Preferred Training Tools	Sessions	Theory Hours	Lab Hours	Total Hours	Home Assignments
Advanced Roto with Silhouette	Silhouette	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		34	68	34	102	74





SUMMARY

Total Hours

426 hrs

Total Terms

3

Software's Covered

Adobe Photoshop CC, Storyboarder, Adobe Premiere Pro CC, Adobe Audition CC, Adobe After Effects CC, Autodesk Maya, Adobe Substance Painter, Silhouette, 3D Equalizer, Nuke

Course Code

XXXXXXXXX

COURSE OUTCOME



This Advanced Program in VFX Film Making equips students with the technical and creative expertise to produce high-quality visual effects for film and digital media. Learners begin by mastering visual storytelling through cinematography, color theory, and lighting techniques, enabling them to craft mood-driven narratives and dynamic storyboards. They develop proficiency in digital image editing, motion graphics, and audio-visual synchronization, creating polished multimedia content for diverse platforms. The program transitions to advanced 3D design, where students create detailed models, apply photorealistic textures and materials, rig characters for lifelike movement, and produce fluid animations using industry-standard workflows. Emphasis is placed on lighting and rendering techniques to achieve cinematic realism. The final phase focuses on advanced tracking, rotoscoping, and compositing, teaching students to seamlessly integrate CGI with live-action footage, resolve complex VFX challenges, and refine scenes through color grading. Graduates build a professional portfolio showcasing their ability to execute end-to-end VFX workflows—from concept to post-production—while career readiness modules prepare them for freelancing or studio roles in film, gaming, or advertising.

CAREER OPPORTUNITIES



- Concept Artist
- 3D Artist
- Lighting Artist
- 3D Generalist
- 3D Designer
- 3D Animator
- Compositor
- Match Moving Artist
- Motion Graphic Artist
- Matte Painter
- Video Editor
- Roto Artist

ELIGIBILITY

Eligibility Criteria:

10 + 2

Certification: Advanced Program in VFX Film Making

Certificate Type :Certificate of Accomplishment

REASON TO BELIEVE

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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.



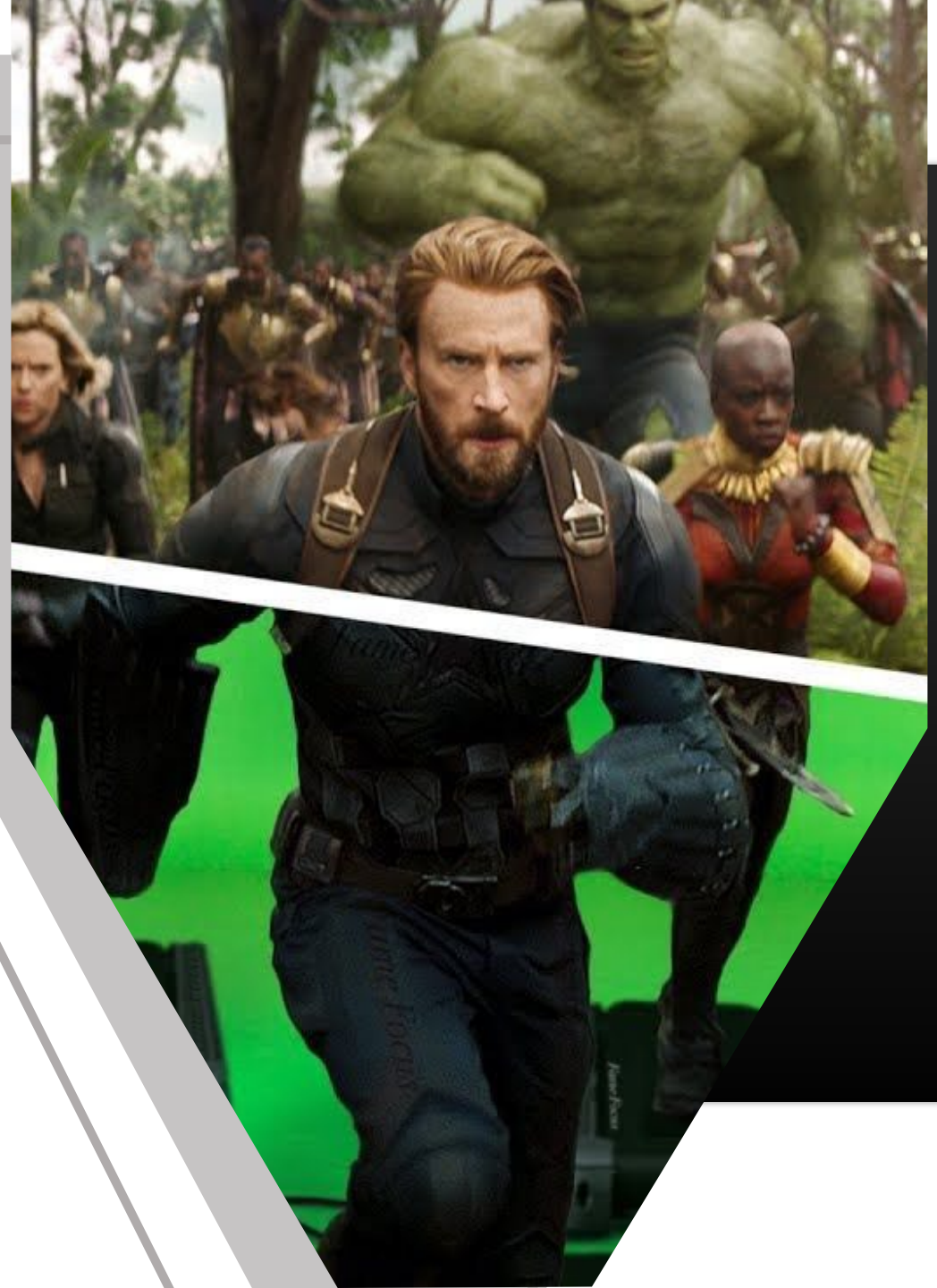
PRO CONNECT

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

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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.



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THANK YOU

Reach out to us for any queries at:

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