

Advanced Digital Graphics and Animation (Blender)

Light Camera Action



Learn from the Leader



Industry Insight

The animation industry is rapidly transforming with advancements in real-time rendering, AI-driven automation, and virtual production. Unreal Engine is revolutionizing animation workflows by enabling real-time character animation, motion capture, and AI-assisted tools, significantly reducing production time and costs. The demand for high-quality animation in films, TV, gaming, advertising, and virtual experiences is surging, pushing studios to adopt more efficient and immersive techniques. The future of animation lies in real-time production, AI-powered automation, and interactive content creation, making Unreal Engine a game-changer in the industry.

India is Poised to Become a Global Hub for Animation

The growth of India's animation industry is driven by:

A Highly Skilled Workforce in 3D animation, character rigging, and real-time rendering
Cost-Effective Production attracting major global studios and streaming platforms
Increased Demand for Animated Content in films, OTT, gaming, and metaverse applications

Government Incentives & AVGC (Animation, VFX, Gaming & Comics) Policy Support

Growing Use of Unreal Engine for real-time animation, virtual production, and cinematic storytelling

Advantages of the Animation Industry in India

World-Class Animation Studios working on Hollywood, Bollywood, and global projects
Cutting-Edge Technology Adoption with Unreal Engine, AI-driven animation, and cloud-based workflows

Global Outsourcing Hub for major studios like Disney, Pixar, Netflix, and DreamWorks
Strong IT & Software Expertise enabling AI-powered animation and procedural workflows

Expanding Demand Across Industries including entertainment, gaming, and virtual experiences



About

The Advanced Digital Graphics and Animation program is a career-focused course designed to build strong foundations in creative design and professional 3D animation. Covering visual storytelling, motion graphics, digital media, and advanced 3D production, the program guides learners through asset creation, texturing, lighting, rigging, and character animation. Students develop practical skills through hands-on projects and build a professional portfolio. By completion, learners can independently create high-quality digital graphics and animated content, preparing them for studio roles or freelance creative careers

Course Duration : 340 Hours

Delivery Pattern :
2 Hours, 3days / week

Course Content



Creative Design & Digital Media

Duration: 152 hrs

3D Design with Blender

Duration: 188 hrs



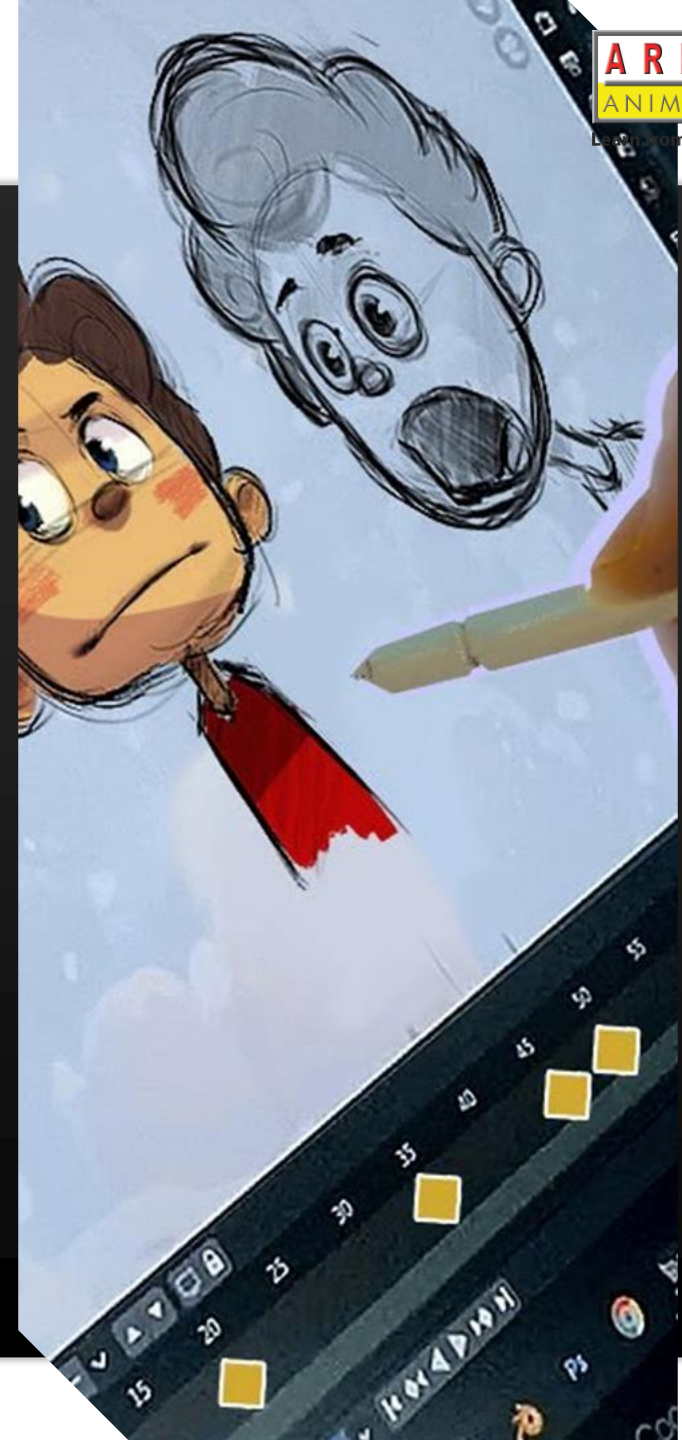


Course Structure



Term 1: Creative Design & Digital Media

Modules	Preferred Training Tools	Sessions	Theory Hours	Lab Hours	Total Hours	Home Assignments
Cinematography and Photography Basics	Conceptual	4	8	0	8	0
Color and Light Magic	Conceptual	4	8	0	8	0
Perspectives and Character Design	Conceptual	4	8	0	8	4
Pixel Perfect Painter	Adobe Photoshop CC	14	28	12	40	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
Ai Art Innovator	Gen Ai tools	6	12	4	16	10
Portfolio Powerhouse	NA	1	2	2	4	20
Total		59	118	34	152	52





Course Structure



Term 2: 3D Design with Blender

Modules	Preferred Training Tools	Sessions	Theory Hours	Lab Hours	Total Hours	Home Assignments
Understanding CG Pipeline	Conceptual	2	4	0	4	0
Introduction to Blender	Blender	3	6	6	12	0
Modeling Concepts and Techniques	Blender	9	18	18	36	0
UV Mapping and Texturing	Blender	5	10	10	20	0
Materials and Shading	Blender	5	10	10	20	0
Realistic Surface Creation	Adobe Substance Painter	9	18	8	26	4
Lighting Techniques	Blender	3	6	6	12	0
Rigging Techniques	Blender	4	8	2	10	0
Animation Techniques	Blender	6	12	4	16	0
Understanding Mo-Cap Workflow for Animation	Blender	3	6	2	8	6
Rendering and Post Processing	Blender	3	6	6	12	0
Ai Powered 3D Workflow	Gen Ai tools	3	6	2	8	10
Portfolio Powerhouse	NA	1	2	2	4	20
Total		56	112	76	188	40

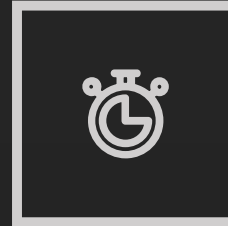




Course Highlight:

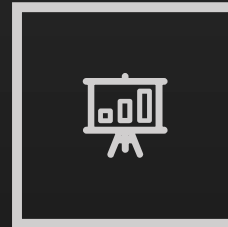
- Job-oriented, industry centric curriculum
- Hands-on practical training using latest tools and software
- Certified faculty
- Exposure to industry interaction and workshops
- Placement assistance
- Access to **Pro Connect**, a platform to showcase your portfolio

Summary



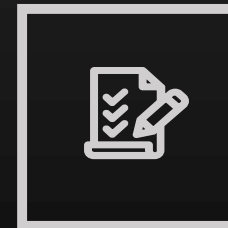
Total Hours

340 hours



Total Terms

2



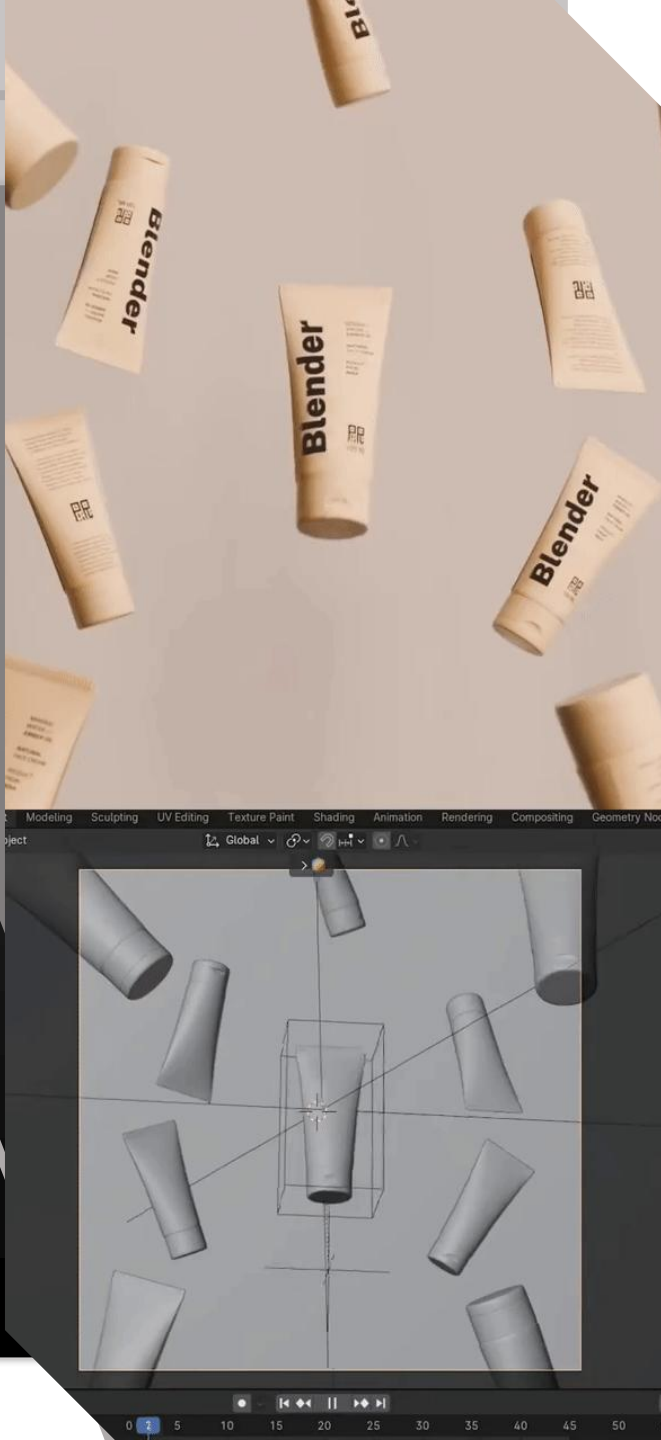
Software's Covered

Adobe Photoshop CC | Adobe Premiere Pro CC | Adobe Audition CC |
Adobe After Effects CC | Gen Ai Tools | Blender | Adobe Substance
Painter



Course Code

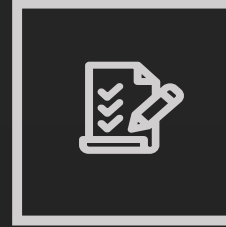
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Course Outcome

This course provides a comprehensive journey into digital storytelling and 3D design, blending artistic creativity with technical expertise. Students learn to craft compelling narratives using cinematography, color theory, and lighting techniques, while honing skills in digital image editing, motion graphics, and multimedia integration. The program transitions into advanced 3D workflows, teaching modeling, texturing, animation, and rendering to create lifelike characters and scenes. Emphasis is placed on industry-standard practices, from UV mapping and shading to dynamic lighting and post-processing. Learners refine their ability to produce professional animations and polished portfolios, while career-focused modules prepare them for roles in animation studios, game development, or visual effects pipelines. Graduates emerge adept at transforming creative ideas into visually stunning, technically precise digital content.

Career Opportunities



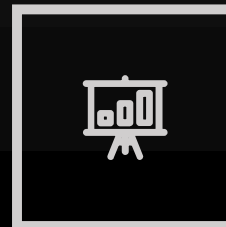
- Concept Artist
- 3D Modeler
- Texturing Artist
- Lighting Artist
- 3D Animator
- Rigging Artist
- 3D Generalist
- 3D Designer
- 3D Product Designer
- Blender Artist

Eligibility



Eligibility Criteria:

10th



Certification: Advanced Digital Graphics and Animation - Blender

Certificate Type: Certificate of Accomplishment

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 Industry Exposure & 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:

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