

B.Voc. Animation & Film-Making Dpt.

Year 2023-24

COURSE OUTCOME (COs)

B.Voc. in Animation & Film-Making

B.Voc Part III Sem V	Course Name : Advance VFX
CO1	Master advanced visual effects techniques, including particle systems, dynamics, simulations, and compositing.
CO2	Create realistic and visually stunning visual effects sequences, seamlessly integrating them into live-action footage or 3D environments.
CO3	Employ industry-standard software and tools to execute complex VFX projects, meeting professional quality standards.
CO4	Demonstrate problem-solving skills and creative thinking in the development and execution of advanced VFX shots and sequences.
B.Voc Part III Sem V	Course Name : 3D Advance Rigging
CO1	Acquire in-depth knowledge of advanced rigging techniques, including skeletal structures, constraints, and deformations
CO2	Create complex character rigs that enable realistic movement and expressive performances in 3D animation.
CO3	Implement advanced rigging solutions for props, vehicles, and other objects, ensuring functionality and ease of animation control.
CO4	Troubleshoot rigging issues and optimize rigs for efficient animation workflows, considering performance and production requirements.
B.Voc Part III Sem V	Course Name : 3D Dynamics
CO1	Understand the principles and tools used in simulating realistic physical behaviour, such as gravity, collisions, and simulations.
CO2	Create dynamic and interactive 3D simulations, such as cloth, fluids, rigid bodies, and particle systems.
CO3	Apply advanced dynamics techniques to enhance the realism and believability of 3D animations and visual effects.
CO4	Optimize and control simulations to achieve desired visual results, balancing realism, artistic intent, and technical constraints.



B.Voc Part III Sem V	Course Name : Motion Graphics
CO1	Explore principles of motion design to create visually engaging and dynamic animated graphics for various media platforms.
CO2	Utilize industry-standard software and tools to design and animate typography, logos, and visual elements.
CO3	Integrate motion graphics seamlessly into video productions, enhancing storytelling and visual communication.
CO4	Apply motion design techniques, such as timing, pacing, and transitions, to create effective and impactful visual narratives.
B.Voc Part III Sem VI	Course Name : Advanced Compositing
CO1	Master advanced compositing techniques, including green screen keying, tracking, rotoscoping, and color grading
CO2	Seamlessly integrate multiple visual elements, such as live-action footage, CG renders, and visual effects, into cohesive final composites
CO3	Apply advanced color correction and grading techniques to achieve desired visual aesthetics and enhance storytelling
CO4	Demonstrate proficiency in utilizing industry-standard compositing software to deliver high-quality and visually compelling composites
B.Voc Part III Sem VI	Course Name : 2D Animation
CO1	Develop foundational skills in traditional and digital 2D animation techniques, including hand-drawn and digital frame-by-frame animation.
CO2	Create fluid and expressive character movements, conveying weight, personality, and emotions in 2D animations.
CO3	Apply timing, spacing, and anticipation principles to enhance the impact and appeal of 2D animated sequences.
CO4	Utilize industry-standard software and tools to digitize, refine, and enhance traditional 2D animations for professional output.
B.Voc Part III Sem VI	Course Name : 3D Animation
CO1	Demonstrate proficiency in creating realistic and dynamic 3D character animations, utilizing keyframe and motion capture techniques.
CO2	Apply principles of timing, posing, and acting to bring 3D characters to life and convey believable performances.
CO3	Develop an understanding of animation workflows, pipelines, and collaboration processes for 3D animation production.



CO4	Employ storytelling techniques and narrative considerations to create engaging and emotionally resonant 3D animated sequences
B.Voc Part III Sem VI	Course Name : Production Pipeline
CO1	Understand the workflow and stages involved in the production of animated projects, from pre-production to post-production.
CO2	Collaborate effectively with team members in different roles to ensure smooth project progression and efficient asset management.
CO3	Apply project management techniques to plan, schedule, and monitor the progress of animated projects within time and resource constraints.
CO4	Demonstrate proficiency in delivering high-quality and finalized animated projects that meet industry standards and client requirements.



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