

Bachelor in Computer Application
Certificate Course in Graphics Design and Video
Editing

**ALL INDIA COUNCIL FOR TECHNICAL
EDUCATION**

**SANKALCHAND PATEL UNIVERSITY,
VISNAGAR**

Faculty of Computer Science



Structure, Teaching Scheme and Syllabus

Program Code: CS001

In effect from: 2026-27

Programme Outcomes (PO):

1. Apply fundamental knowledge of graphics design, multimedia, animation, and digital media to create professional visual content.
2. Analyze design requirements and develop creative solutions using appropriate design principles and techniques.
3. Design and produce high-quality graphics, illustrations, animations, and video editing projects to meet user and industry needs.
4. Effectively use modern graphics, animation, and video editing tools such as Adobe Photoshop, Adobe Illustrator, Adobe Premiere Pro, Adobe After Effects, and Blender.
5. Apply creative thinking, problem-solving, and technical skills to improve the quality of digital media productions.
6. Demonstrate professional ethics, copyright awareness, and responsible use of digital media and creative assets.
7. Adopt sustainable and responsible digital practices while developing multimedia content.
8. Work effectively as an individual and as a member of multidisciplinary teams in creative projects.
9. Communicate creative ideas, design concepts, and project outcomes effectively through presentations, documentation, and visual storytelling.
10. Apply project planning, time management, and entrepreneurial skills in graphics design and multimedia production.
11. Continuously upgrade professional knowledge and adapt to emerging trends and technologies in graphics, animation, and digital media.
12. Demonstrate industry-ready technical and creative skills for employment, freelancing, entrepreneurship, or higher studies in graphics design and video editing.

Program Educational Objectives (PEOs):

1. Graduates will establish successful careers in graphics design, video editing, animation, multimedia production, digital marketing, and related creative industries.
2. Graduates will apply technical expertise, creativity, communication skills, and ethical values to solve real-world multimedia and design challenges.
3. Graduates will pursue lifelong learning through professional certifications, advanced education, and continuous skill enhancement in emerging multimedia technologies.
4. Graduates will contribute to society and industry by creating innovative, user-focused, ethical, and high-quality digital media solutions.

Program Specific Outcomes (PSOs):

1. Create professional graphics, illustrations, image editing, branding materials, and visual communication designs using Adobe Photoshop and Adobe Illustrator.
2. Produce professional-quality video editing, motion graphics, visual effects, and 3D animation projects using Adobe Premiere Pro, Adobe After Effects, and Blender.
3. Develop industry-ready multimedia portfolios by integrating graphics design, animation, video editing, creativity, and production workflows for employment, freelancing, and entrepreneurship.

Faculty of Computer Science

Program Name: Certificate Course in Graphics Design and Video Editing

Program Code: CS001

Abbreviation Name: CCGDVE

With Effect From: 2026-27

Semester: I

Course Code	Course Title	Type of Course	Credits	Hours Per Week				Theory(Marks)				Practical(Marks)				Total Marks
				L	T	P	Total	University Assessment		Continuous Assessment		University Assessment		Continuous Assessment		
								Min	Max	Min	Max	Min	Max	Min	Max	
1CS0010101	Visual Design Communication (Adobe Photoshop)	CC	3	1	1	2	4	-	-	-	-	18	50	09	25	75
1CS0010102	Vector Graphics & Illustration (Adobe Illustrator)	CC	2	1	0	2	3	-	-	-	-	09	25	09	25	50
1CS0010103	Digital Video Editing (Adobe Premiere Pro)	CC	3	1	1	2	4	-	-	-	-	18	50	09	25	75
1CS0010104	Motion Graphics & Visual Effects (Adobe After Effects)	CC	3	1	1	2	4	-	-	-	-	18	50	09	25	75
1CS0010105	3D Modeling & Animation Foundation (Blender) – I	CC	2	0	0	4	4	-	-	-	-	09	25	09	25	50
1CS0010106	3D Modeling & Animation Foundation (Blender) – II	CC	5	1	1	6	8	-	-	-	-	36	100	09	25	125
1CS0010107	Match moving & Camera Tracking (PFTrack)	CC	3	3	0	0	3	18	50	09	25	-	-	-	-	75
TOTAL			21	8	4	18	30		50		25		300		150	525