

B.SC Design Teaching Scheme

With Specialization 1) Animation & VFX

2) Film & TV

SEMESTER 1					
FOUNDATION					
Sub Code	Sub Name	C	L	P	T
Major (Discipline Specific Course)					
18010701DS05	Foundations of Motion and Image Dynamics	4	0	6	1
18010701DS06	Introduction to Editing	2	0	4	0
18010701DS07	Story & Film Appriciation	2	0	4	0
Minor -1 /					
Interdisciplinary Course					
18010701MN02	Design Fundamentals	4	0	6	1
University Electives -1 (Multidisciplinary course) (Select any one)					
15010301UE03	Cultural Studies	4	0	6	1
15010201UE04	Enhancing Soft Skill & personality Development	4	0	6	1
Skill Enhancement Course -1					
18010701SE01	Life skills- selfesteem, self confidence, empathy, team work, observation & concentration, Discipline, Commitment & Critical thinking	2	1	2	0
Value Added Course-1					
11011401VA01	Climate Change & Sustainable Environment	2	2	0	0
Ability Enhancement Course -1 /Modern Indian Language-1 (Select any one)					
00019301AE01	Basic English-I	2	2	0	0
00019301AE02	Basic Hindi-I				
00019301AE03	Basic Gujarati-I				
	Total Credit	22			

Animation & VFX					
Semester 2					
Sub Code	Sub Name	C	L	P	T
Major (Discipline Specific Course)					
18010502DS03	Digital Animation	4	-	6	0
18010502DS02	Experimental Filmmaking	4	0	6	1
	Minor -2 /	4	0	6	1

Interdisciplinary Course					
18010502GD01	Graphic Design: Fundamentals of Graphic Design				
18010602SD01	Sound Design: Study of Acoustics Theory				
18010502FM01	Film Making: Film Appreciation				
18010502GA01	Game Design: Elements of Game Design				
University Electives -2					
Multidisciplinary course) (Select any one)					
10010102UE04	Sustainable Development Goals	4	0	6	1
10010102UE03	Gender Sensitization- Society, culture & change				
Skill Enhancement Course -2					
	Animation Craft & Design Experience	2	0	2	1
Value Added Course-2					
00019302VA01	IPDC including History and Culture of India and IKS-I	2	0	2	1
Ability Enhancement Course -2					
/Modern Indian Language-1 (Select any one)					
00019302AE04	Basic English-II	2	2	0	0
00019302AE05	Basic Hindi-II				
00019302AE06	Basic Gujarati-II				
	Total credits	22	2		
Semester 3					
Sub Code	Sub Name	C	L	P	T
Major (Discipline Specific Course)					
18010503DS04	Pre Production for 3d Films	4	0	6	1
18010503DS05	Introduction to 3D Pipeline	4	0	6	1
18010503DS06	Fundamentals of VFX (layer Based)	4	0	6	1
University Electives -3					
(Select any one)					
15010003UE01	Literature, culture & Media	4	0	6	1
06010103UE04	Understanding Incubation & Entrepreneurship				
Skill Enhancement Course -3					

18010503SE01	Event Management	2	0	2	1
Value Added Course-3					
00019303VA01	IPDC including History and Culture of India and IKS-2	2	2	0	0
Ability Enhancement Course -3/					
Modern European Language-1 (Select any one)					
00019303AE01	Advanced English - I	2	2	0	0
00019303AE02	Basic German				
00019303AE03	Basic French				
Total credits		22			

Semester 4

Sub Code	Sub Name	C	L	P	T
Major (Discipline Specific Course)					
18010504DS01	3D Shading, Lighting & Rendering	4	0	6	1
18010504DS04	Advanced Modelling & Sculpting- I/Rotoscopy	4	-	6	1
18010504DS03	Rigging & Animation - I/Introduction to Compositing	4	0	6	1
Minor -3 / Interdisciplinary Course					
(Select any one)					
18010504GD01	Graphic Design: Branding and Advertising	4	0	6	1
18010504GA01	Game Design: 2D & 3D Game Art				
Skill Enhancement Course -4					
18010504SE03	Craft Documentation & Data Visualization	2	0	2	1
Value Added Course-4		2	2	0	0
19010204VA01	Positive Mental Health				
00019404VA01	Physical Education: Yoga				
00019404VA02	Physical Education: Sports				
Total		22			

SEMESTER 5

Sub Code	Sub Name	C	L	P	T
Major (Discipline Specific Course)					
18010505DS04	Advanced modelling and Sculpting-II /3D Camera Tracking & Matchmove	4	0	6	1
18010505DS02	Rigging & Animation - II/Advanced Compositing	4	0	6	1
18010505DS05	Dynamic Simulations in Maya (CHF)	4	0	6	1
Minor -4 / Interdisciplinary Course					

(Select any one)						
18010505GD01	Graphic Design: Print and Publication Design		4	0	6	1
18010505GA01	Game Design: Character and Environment Design					
Minor -5 / Interdisciplinary Course						
(Select any one)						
18010505GD02	Graphic Design: Motion Graphics					
18010605SD02	Sound Design: AR / VR / game sound design	4	0	6	1	
18010505FM02	Film Making: Cinematography and Camera Techniques					
18010505GA02	Game Design: Introduction to Game Engine - Unity and Unreal					
Skill Enhancement Course -5						
	Career Skills- resume ,interview, group discussion, exploring career opportunities	2	0	2	1	
Total		22	0	32	6	
38						
Semester 6						
Sub Code	Sub Name	C	L	P	T	
Major (Discipline Specific Course)						
18010506DS01	FX & Simulation - I	4	0	6	1	
18010506DS02	Stylized Animation / Look & Feel Development	4	0	6	1	
18010506DS04	Degree Film	4	0	6	1	
Minor -6 / Interdisciplinary Course						
(Select any one)						
18010506GD01	Graphic Design: 3D Motion Design					
18010606SD01	Sound Design: Electronic music production	4	0	6	1	
18010506FM01	Film Making: Editing and post-production					
18010506GA01	Game Design: Creating FX for Games					
Ability Enhancement Course -5						
00019306AE01	Professional Ethics and	2	0	2	1	

	Communication				
18010506IN01	Internship/Mini Project-1 (in Major Specific Course)	4	0	8	0
	Total credits	22			

Semester 7

Code	Sub Name	C	L	T	P
Major (Discipline Specific Course)					
18010507DS01	FX & Simulation - II	4	0	6	1
18010507DS04	Showreel	4	0	6	1
8010507DS05	Immersive Animation: AR/VR, Unreal & AI Integration	4	0	6	1
Minor -7 / Interdisciplinary Course (Select any one)					
18010507GD01	Graphic Design: Exhibition and Space Design	4	0	6	1
18010607SD01	Sound Design: Music Recording, mixing & mastering				
18010507FM01	Film Making: Sound Design				
18010507GA01	Game Design: Prototype Design				
18010507IN01 OR 18010507RP01	On Job Training (OJT) - in Major Specific (for Honours Degree) OR Research Project in Major Specific course	6	0	12	0
Total credits		22			

Semester 8

Code	Sub Name	C	L	T	P
Major (Discipline Specific Course)					
18010508DS04	Internship	12	0	20	2
Minor -8 / Interdisciplinary Course (Select any one)					
18010508GD01	Graphic Design: Advertising	4	0	6	1
18010608SD01	Sound Design: the art of foley sound				
18010508FM01	Film Making: Ad Film Making				
18010508GA01	Game Design: Game Testing and Quality Assurance				
18010608IN01 OR	On Job Training (OJT) - in Major Specific OR	6	0	12	0

18010608RP01	Research Project								
	Total	22							
FILM & TV									
Semester 2									
Sub Code	Sub Name	C	L	P	T				
Major (Discipline Specific Course)									
18010602DS03	Image Editing : Relationship	2	0	4	0				
18010602DS04	Digital Camera Mechanism	2	0	4	0				
18010602DS05	Story and Character Development	2	0	4	0				
18010602DS06	Dialogue Film Project	2	0	4	0				
Minor -2 /									
Interdisciplinary Course									
18010602DI01	Direction: Story Telling	4	0	6	1				
18010602SD01	Sound Design: Study of Acoustics Theory								
18010602ET01	Editing: Screen writing								
18010602CI01	Cinematography: Digital Camera mechanism								
University Electives -2									
Multidisciplinary course) (Select any one)									
10010102UE04	Sustainable Development Goals	4	0	6	1				
10010102UE03	Gender Sensitization- Society, culture & change								
Skill Enhancement Course -2									
18010502SE01	Craft & Design Experience	2	0	2	1				
Value Added Course-2									
00019302VA01	IPDC including History and Culture of India and IKS-I	2	0	2	1				
Ability Enhancement Course -2									
/Modern Indian Language-1 (Select any one)									
00019302AE04	Basic English-II	2	2	0	0				
00019302AE05	Basic Hindi-II								
00019302AE06	Basic Gujarati-II								
Total credits		22							
Semester 3									
Sub Code	Sub Name	C	L	P	T				
Major (Discipline Specific Course)									
18010603DS04	Mise-en-Scene-I: Introduction	4	0	6	1				
18010603DS05	Cinematography: Log vs Linear Encoding	4	0	6	1				

18010603DS06	Editing : Character Observation	2	0	4	0
18010603DS07	Long Take Project	2	0	4	0

University Electives -3

(Select any one)

15010003UE01	Literature, culture & Media	4	0	6	1
06010103UE04	Understanding Incubation & Entrepreneurship				

Skill Enhancement Course -3

18010503SE01	Event Management	2	0	2	1
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Value Added Course-3

00019303VA01	IPDC including History and Culture of India and IKS-2	2	2	0	0
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Ability Enhancement Course -3/

Modern European Language-1 (Select any one)

00019303AE01	Advanced English - I	2	2	0	0
00019303AE02	Basic German				
00019303AE03	Basic French				
Total credits		22			

SEMESTER 4

Sub Code	Sub Name	C	L	P	T
Major (Discipline Specific Course)					
18010604D504	Mise-en-Scene-II: Director as the Film's Author	2	0	4	0
18010604DS05	Multi-camera Techniques and lighting	3	0	6	0
18010604DS06	Sound for Broadcast & OTT	2	0	4	0
18010604DS07	Multicam Editing	3	0	6	0
18010604DS08	MultiCam Project	2	0	4	0

Minor -3 / Interdisciplinary Course

(Select any one)

18010604DI01	Direction: Visual Narration	4	0	6	1
18010604SD01	Sound Design: Sync sound recording				
18010604CI01	Cinematography: Sensor				
18010604ET01	Editing: Film Scanning				

Skill Enhancement Course -4

18010504SE03	Craft Documentation & Data Visualization	2	0	2	1
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Value Added Course-4

19010204VA01	Positive Mental Health	2	2	0	0
00019404VA01	Physical Education: Yoga				
00019404VA02	Physical Education: Sports				
Total credits		22			

SEMESTER 5

Sub Code	Sub Name	C	L	P	T
Major (Discipline Specific Course)					
18010605DS04	Non-Fiction Workshop	3	0	6	0
18010605DS05	Camera Lenses Practice	3	0	6	0
18010605DS06	Graduation Film: Preproduction	6	0	6	2
Minor -4 / Interdisciplinary Course (Select any one)					
18010605DI01	Direction: Cinematography	4	0	6	1
18010605SD01	Sound Design: digital recording				
18010605CI01	Cinematography: Linear Encoding				
18010605ET01	Editing: Visual Composition				
Minor -5 / Interdisciplinary Course (Select any one)					
18010605DI02	Direction: Film editing aesthetics	4	0	6	1
18010605SD02	Sound Design: AR / VR / game sound design				
18010605CI02	Cinematography: Log encoding				
18010605ET02	Editing: Rotoscope				
Skill Enhancement Course -5					
?????	Career Skills- resume ,interview, groupdiscussion, exploring career opportunities	2	0	2	1
Total credits		22			
SEMESTER 6					
Sub Code	Sub Name	C	L	P	T
Major (Discipline Specific Course)					
	Graduation Film: Production & Post-production	12	0	16	4
NIL					
Minor -6 / Interdisciplinary Course (Select any one)					
18010606DI01	Direction: Directing actor's	4	0	6	1
18010606SD01	Sound Design: electronic music production				
18010606CI01	Cinematography: Compression				
18010606ET01	Editing: Visual Effects				
Ability Enhancement Course -5		2	0	2	1
00019306AE01	Professional Ethics and Communication				
18010506IN01	Internship/Mini Project-1	4	0	8	0

	(in Major Specific Course)				
Total credits	22				

SEMESTER 7

Proposed					
Code	Sub Name	C	L	T	P
Major (Discipline Specific Course)					
18010607DS04	Music Video Workshop & Production	4	0	6	1
18010607DS05	Advanced Sound Mixing	3	0	4	1
18010607DS06	Thematic Lighting & Camera Practice	2	0	4	0
18010607DS07	Editing for Song & Music Video	3	0	4	0
Minor -7 / Interdisciplinary Course (Select any one)					
18010607DI01	Direction: Directing Dialogue	4	0	6	1
18010607SD01	Sound Design: Music Recording, mixing & mastering				
18010607ET01	Editing: Audio Editing				
18010607CI01	Cinematography: Aspect Ratio and Framerate				
18010507IN01 OR 18010507RP01	On Job Training (OJT) - in Major Specific (for Honours Degree) OR Research Project in Major Specific course	6	0	12	0
Total credits	22				

Semester 8

Code	Sub Name	C	L	T	P
Major (Discipline Specific Course)					
18010508DS04	Internship	12	0	20	2
Minor -8 / Interdisciplinary Course (Select any one)					
18010608DI01	Direction: Directing Genres	4	0	6	1
18010608SD01	Sound Design: The art of foley sound				
18010608CI01	Cinematography: Grading				
18010608ET01	Editing: Colour Correction				
18010608IN01 OR 18010608RP01	On Job Training (OJT) - in Major Specific OR Research Project	6	0	12	0
Total credits	22				