



SCHOOL OF MEDIA COMMUNICATION DESIGN AND ARTS
DEPARTMENT OF ANIMATION AND GRAPHIC
Bachelor of Science in Animation and Graphic

SISTER NIVEDITA UNIVERSITY

Undergraduate course structure for Animation and Graphic **(As per NEP 2020 regulation and according to UGC-CBCS)**

Course structure for **B.Sc in Animation and Graphic** **&** **B.Sc Honours in Animation and Graphic / B.Sc Honours with Research in** **Animation and Graphic**

Category Definition with Credit Breakup

Major – Major Program Specific Course – Compulsory (MC); Major Program Specific Course – Elective (ME); NM – Non-Major Specific Subject Course; NV – Non-Major vocational education and training; MDC – Multidisciplinary courses; AEC – Ability Enhancement Courses; SEC – Skill Enhancement Courses; VAC – Value Added Courses; INT – Internship; Project – Project.



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Semester	Credits										Credits /Semester
	MC/ME	ME		Non-Major		M D C	AEC	SEC	VAC	INT	
		Course	Project	NM	NV						
I	4+4+4				1(*d)+1(*e)		2(*c)	3(*b)	2(*a)		21
II	3+4+4+4				1+1	3	2	3	2		27
III	4+4+3			4	1+1	3	2				22
IV	4+3+3			4	1+1	3	2				21
V	4+4+4+3				1+1			3	2		22
VI	4+4+3			4+2* (*Dept)	1+1					3	22
VII	4+5+5			4+2* (*Dept)							20
VIII		8/20	12/0								20
Credits/ Course		109		32		9	8	9	6	3	
Total Credit											176



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<i>Category</i>	Course name	Credit	Teaching Scheme		
			L	T	P
Semester I					
MC_1	Foundation of Art	1	1		
	Foundation of Art Lab	3			6
MC_2	Graphic Design I	1	1		
	Graphic Design I Lab	3			6
MC_3	Digital Videography and Photography	1	1		
	Digital Videography and Photography Lab	3			6
NV_1 NV_2	Vocational- EAA 1 (Yoga/ Sports/ NCC/NSS)	1			2
	Vocational- Soft Skill Development I	1	1		
SEC_1	Computer Application	3	3		
AEC 1	Communicative English I	2	2		
VAC 1	Environmental Studies I	2	2		
Total Credit= 21			Teaching Hour=31		



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Category	Course name	Credit	Teaching Scheme		
			L	T	P
Semester II					
MC_4	Creative Thinking and Communication	2	2		
	Creative Thinking and Communication Lab	1			2
MC_5	Video Editing	1	1		
	Video Editing Lab	3			6
MC_6	Storyboarding	3	3		
	Storyboarding Lab	1			2
MC_7	Graphic Design II	1	1		
	Graphic Design II Lab	3			6
NV_3	Vocational- EAA 1 (Yoga/ Sports/ NCC/NSS)	1			2
NV_4	Vocational- Soft Skill Development II	1	1		
MDC1	Selected by the Candidate from Different Department Digital Designing * (Offered by MCAJ)	3	3		
SEC_2	Selected By the Candidates	3	3		
AEC 2	Communicative English II	2	2		
VAC 2	Environmental Studies II	2	2		
Total Credit= 27			Teaching Hour= 36		



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Category	Course name	Credit	Teaching Scheme		
			L	T	P
Semester III					
MC_8	2D Animation I	1	1		
	2D Animation I Lab	4			8
ME_1	Video Editing II	4			8
ME_2	Digital Art	4			8
NM_1	Selected by the Candidate from Different Department ***	4	4		
NV_5	Vocational- Soft Skill Development III	1	1		
NV_6	Mentored Seminar-I *	1	1		
MDC2	Selected by Candidate * Photography and Mobile as a tool of Journalism (Offered by MCAJ)	3	3		
AEC 3	Logical Ability I/ Foreign Language I	2	2		
Total Credit= 24			Teaching Hour= 36		



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Category	Course name	Credit	Teaching Scheme		
			L	T	P
Semester IV					
MC_9	2D Animation II	4			8
MC_10	Basic of 3D	1	1		
	Basic of 3D Lab	3			6
MC_11	Motion Graphic- I	1	1		
	Motion Graphic-I Lab	3			6
NM_2	Selected by the Candidate from Different Department ***	4	4		
NV_7	Vocational- Soft Skill Development IV	1	1		
NV_8	Mentored Seminar I I*	1	1		
MDC3	Selected by Candidate * Theatre Arts (Offered by MCAJ)	3	3		
AEC 4	Logical Ability II/ Foreign Language II	2	2		
Total Credit= 23			Teaching Hour= 33		



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Category	Course name	Credit	Teaching Scheme		
			L	T	P
Semester V					
MC_12	Advance 3D Modeling	4			8
ME_3	Basic of Compositing	1	1		
	Basic of Compositing Lab	3			6
ME_4	3D Texturing	1	1		
	3D Texturing Lab	3			6
ME_5	UI/UX Design	3			6
NV_9	Vocational- Soft Skill Development V	1	1		
NV_10	Mentored Seminar III*	1	1		
SEC 3	Selected By the Candidate	3	3		
VAC 3	Ethics Study and IPR	2	2		
Total Credit= 23			Teaching Hour= 35		



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Category	Course name	Credit	Teaching Scheme		
			L	T	P
Semester VI					
MC_13	Digital Sculpting	4			8
ME_6	Lighting and Rendering	1	1		
	Lighting and Rendering Lab	3			6
ME_7	Advanced Compositing	1	1		
	Advanced Compositing Lab	3			6
NM_3	Selected by the Candidate from Different Department ***	4			
NM_DEPT_1	Media Literacy 1 **	2	2		
NV_11	Vocational- Soft Skill Development VI	1			2
NV_12	Mentored Seminar IV*	1	1		
INT 1	Internship**	3			6
Total Credit= 23			Teaching Hour= 33		



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Category	Course name	Credit	Teaching Scheme		
			L	T	P
Semester VII					
MC_14	Rigging and Animation	4			8
ME_8	Project I	4			8
ME_9 (Any One)	Advance Motion Graphic	1	1		
	Advance Motion Graphic Lab	4			8
ME_10 (Any One)	Cinematography	4	4		
	Cinematography Lab	1			2
NM_4	Selected by the Candidate from Different Department ***	4			
NM_DEPT_2	Media Literacy 2 **	2	2		
Total Credit= 20			Teaching Hour= 34		



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Category	Course name	Credit	Teaching Scheme		
			L	T	P
Semester VIII					
MC_15	3D Animation II	4			8
MC_16	Dynamic Simulation	1	1		
	Dynamic Simulation Lab	3			6
(Above 75%)	Departmental Project(4) + Industry Based Training Program (4)+ Will be followed by Dissertation(4)	12			
MPSC_COMP_15	Project II	4			8
MPSC_COMP_16	Production Planning Management	3	3		
	Production Planning Management Lab	1			2
MPSC_ELEC 12A/12B/12C	Camera Tracking and Match Moving	1	1		
	Camera Tracking and Match Moving Lab	3			6
MPSC_ELEC 13A/13B	Wire removal and Rotoscope	1	1		
	Wire Removal Lab and Rotoscope Lab	3			6
MPSC_ELEC 14A/14B	Advertising, Marketing and Sales/ Strategic PR, ORM and CSR	3	3		
	Advertising, Marketing and Sales Lab/ Strategic PR, ORM and CSR Lab	1			2
		12/(4+4+4)			
Total Credit= 20			Teaching Hour= 33/24		