

## BACHELOR OF SCIENCE IN ANIMATION & MULTIMEDIA HONOURS

### SEMESTER WISE CREDIT DISTRIBUTION (Based on NEP-20 & CBCS Model)

Semester / Session of Study (Recommended)	Course Level	Category	Course Code	Courses	Mode of delivery & credits			Total Credits C - Credits		
					<i>L-Lecture; T-Tutorial; P-Practical</i>					
					L (Periods /week)	T (Periods /week)	P (Periods /week)			
<b>THEORY</b>										
<b>FIRST Monsoon</b>	<b>FIRST</b>	MS-1	AN101	History of Art & Animation-I	2	0	0	2		
		MS-2	AN102	Introduction to Multimedia	2	0	0	2		
		MD		Multidisciplinary Course	3	0	0	3		
		VAC-1		Human Values and Professional Ethics / Digital Empowerment / Emotional Intelligent	2	0	0	2		
		MJ-1	AN103	Introduction To Visual Study	1	0	2	2		
		<b>LABORATORIES</b>								
		VAC-2		Yoga/ Sports for Life/ Physical Education	1	0	2	2		
		AEC	MT132	Communication Skills-I	0	0	3	1.5		
		MJ-2	AN104	Experimental Animation	0	0	3	1.5		
		MJ-3	AN105	Introduction to 3D	0	0	3	1.5		
		MJ-4	AN106	Outdoor Study-I	0	0	3	1.5		
		SEC	<b>ELECTIVES (To be opted from List of SKILL ENHANCEMENT COURSES)</b>							
			SEC-I	Paper -I (Skill Enhancement Course)	1	1	2	3		
		<b>TOTAL</b>								<b>22</b>

Semester / Session of Study (Recommended)	Course Level	Category	Course Code	Courses	Mode of delivery & credits <i>L-Lecture; T-Tutorial; P- Practical</i>			Total Credits <i>C - Credits</i>	
		<b>THEORY</b>							
<b>SECOND Spring</b>	<b>FIRST</b>	MS-1	AN112	History of Art & Animation-II	2	0	0	2	
		MS-2	AN113	Introduction To Game Design & Development	2	0	0	2	
		MD		Multidisciplinary Course	3	0	0	3	
		AEC	CE101	Environment Science	2	0	0	2	
		MJ-1	AN114	Principles of Animation	1	0	2	2	
		<b>LABORATORIES</b>							
		VAC		Yoga/ Sports for Life/ Physical Education	0	0	4	2	
		MJ-2	AN115	Graphic Design Tools & Techniques -I	0	0	3	1.5	
		MJ-3	AN116	3D Modeling Techniques-I	0	0	4	2	
		MJ-4	AN117	Visual Studies-II	0	0	3	1.5	
		MJ-5	AN118	Outdoor Study-II	0	0	2	1	
		SEC	<b>ELECTIVES (To be opted from List of SKILL ENHANCEMENT COURSES )</b>						
			SEC	Paper -II  (Skill Enhancement Course)	1	1	2	3	
		<b>TOTAL</b>							<b>22</b>

**Note: Students exiting the programme after securing minimum 44 credits will be awarded UG Certificate in the relevant Discipline/ Subject provided they secure 4 credits in work based vocational courses offered during summer term or internship/ Apprenticeship in addition to 6 credits from skill-based courses earned during first and second semester.**

Semester / Session of Study  (Recommended)	Course Level	Category	Course Code	Courses	Mode of delivery & credits  <i>L-Lecture; T-Tutorial; P- Practical</i>			Total Credits <i>C - Credits</i>
					L (Periods /week)	T (Periods /week)	P (Period s/week)	
-  <b>THIRD Monsoon</b>	<b>SECOND</b>	<b>THEORY</b>						
		MS-1	AN201	Writing & Storytelling	2	0	0	2
		MS-2	AN202	Audio Visual Technology	2	0	0	2
		MD		Multidisciplinary Course	3	0	0	3
		AEC		Personality Development / Public Speaking	2	0	2	3
		MJ-1	AN203	Animation Techniques	1	0	2	2
		<b>LABORATORIES</b>						
		MJ-2	AN204	Graphic Design Tools & Techniques-II	0	0	3	1.5
		MJ-3	AN205	Visual Studies-III	0	0	3	1.5
		MJ-4	AN206	3D Modeling Techniques-II	0	0	4	2
		MJ-5	AN207	Outdoor Study-III	0	0	4	2
		<b>ELECTIVES (To be opted from List of SKILL ENHANCEMENT COURSES )</b>						
			SEC	Paper -III (Skill Enhancement Course)	1	1	2	3
		<b>TOTAL</b>						

SEMESTER /Session of Study  (Recommended)	LEVEL	Category	Course Code	Courses	Mode of delivery & credits  <i>L-Lecture; T-Tutorial; P- Practicals</i>			Total Credits C- Credits	
					L (Periods /week)	T (Periods /week)	P (Periods/ week)		
		<b>THEORY</b>							
<b>FOURTH Spring</b>	<b>SECOND</b>	MI-1	AN215	Advertising & New Media	3	0	0	3	
		MI-2	AN216	Web Technology	2	0	0	2	
		<b>LABORATORIES</b>							
		AEC	MT133	Communication Skills-2	0	0	3	1.5	
		MJ-1	AN217	Graphic Design Tools & Techniques-III	0	0	3	1.5	
		MJ-2	AN218	Digital Film Production	0	0	3	1.5	
		MJ-3	AN219	Character Animation-I	1	0	2	2	
		MJ-4	AN220	Compositing & VFX	0	0	3	1.5	
		MJ-5	AN221	Character Modeling & Texturing	0	0	4	2	
		MJ-6	AN222	Game Design	0	0	3	1.5	
		MJ-7	AN223	Visual Development	0	0	3	1.5	
		MJ-8	AN224	Urban Sketching	0	0	4	2	
		PE-I		Programme Elective-I	1	0	2	2	
<b>TOTAL</b>							<b>22</b>		

**Note: Students exiting the programme after securing minimum 88 credits will be awarded UG Diploma in the relevant Discipline/ Subject Provided they secure 4 credits in skill based vocational courses offered during first year or second year summer term.**

SEMESTER /Session of Study  (Recommended)	LEVEL	Category	Course Code	Courses	Mode of delivery & credits  <i>L-Lecture; T-Tutorial; P- Practicals</i>			Total Credits C- Credits
					L (Periods /week)	T (Periods /week)	P (Periods/ week)	
		<b>THEORY</b>						
<b>FIFTH Monsoon</b>	<b>THIRD</b>	MI-1	AN301	Direction For Animation	2	1	0	3
		MI-2	AN302	Character Design	2	0	2	3
		<b>LABORATORIES</b>						
		MJ-1	AN303	Graphic Design Tools & Techniques-IV (UI/ UX)	0	0	3	1.5
		MJ-2	AN304	Comic Production	0	0	3	1.5
		MJ-3	AN305	Character Animation-II	0	0	3	1.5
		MJ-4	AN306	3D Character Modeling, Texturing, Lighting & Rendering	0	0	4	2
		MJ-5	AN307	Game Engine	0	0	3	1.5
		MJ-6	AN308	Layout & Digital Painting	0	0	3	1.5
		MJ-7	AN309	Documentary Film Making	0	0	3	1.5
		MJ-8	AN310	Field Study	0	0	4	2
		<b>ELECTIVES (To be opted from List of Program Electives (PE))</b>						
		MJ-9	PE-II	Programme Elective-II	1	0	2	2
		<b>TOTAL</b>						

SEMESTER /Session of Study  (Recommended)	LEVEL	Category	Course Code	Courses	Mode of delivery & credits  <i>L-Lecture; T-Tutorial; P- Practicals</i>			Total Credits C- Credits
					L (Periods/ week)	T (Periods/ week)	P (Periods/w eek)	
SIXTH Spring	THIRD	<b>THEORY</b>						
		MI-1	AN316	Entrepreneurship	2	0	0	2
		MI-2	AN317	Digital Marketing	2	0	0	2
		<b>LABORATORIES</b>						
		MJ-1	AN318	3D Rigging & Skinning	0	0	4	2
		MJ-2	AN319	Character Animation-III	0	0	4	2
		MJ-3	AN320	Production Design Workshop-I (Specialization: Animation, Film Making, Visual Effects, Games, and Comics)	0	0	8	4
		MJ-4	AN321	Degree Showcase Project-I				7
		<b>ELECTIVES (To be opted from List of Program Electives (PE))</b>						
		MJ-5	PE-III	Programme Elective-III	1	0	2	2
<b>TOTAL</b>							<b>21</b>	
<b>TOTAL PROGRAM CREDITS FOR THREE YEAR B.Sc. PROGRAMME</b>							<b>130</b>	

**Note: Students who want to undertake 3-year UG programme will be awarded UG Degree in the relevant Discipline/ Subject upon securing 130 credits.**

SEMESTER /Session of Study  (Recommended)	LEVEL	Category	Course Code	Courses	Mode of delivery & credits  <i>L-Lecture; T-Tutorial; P- Practicals</i>			Total Credits C- Credits
					L (Periods/ week)	T (Periods/ week)	P (Periods/w eek)	
SEVENTH Monsoon	FOURTH	<b>THEORY</b>						
		MI-1	AN401	Research in Animation & Multimedia	2	0	0	2
		MI-2	AN402	Indian Art & Animation	2	0	0	2
		<b>LABORATORIES</b>						
		MJ-1	AN403	Advanced Animation Tools & Techniques	0	0	3	1.5
		MJ-2	AN404	3D Dynamics & Simulation	0	0	3	1.5
		MJ-3	AN405	Field Visit & Presentation	0	0	3	1.5
		MJ-4	AN406	Storytelling Using Multimedia	0	0	3	1.5
		MJ-5	AN407	Production Design Workshop-II  (Specialization: Animation, Film Making, Visual Effects, Games, and Comics)	0	0	8	4
		MJ-6	AN408	Degree Showcase Project-II				6
<b>TOTAL</b>							<b>20</b>	

SEMESTER /Session of Study	LEVEL	Category	Course Code	Courses	Mode of delivery & credits <i>L-Lecture; T-Tutorial; P- Practicals</i>			Total Credits C- Credits
					L (Periods /week)	T (Periods /week)	P (Periods/ week)	
EIGHTH SEMESTER	FOURTH	<b>LABORATORIES</b>						
		RP-1	AN409	Industrial Training / Research Project / Dissertation				12
		MJ-1	AN410	Final Exhibition / Showcase/ Publication				8
		<b>TOTAL</b>						<b>20</b>
		<b>TOTAL PROGRAM CREDITS FOR FOUR YEAR B.Sc. HONOURS PROGRAMME</b>						<b>170</b>
<b>Note: Students will be awarded UG Degree- B.Sc. Animation &amp; Multimedia with Honours.</b>								



ELECTIVES (LIST OF SKILL ENHANCEMENT COURSES)							
PE / LEVEL	Programme Elective (PE)	Code No	Name of the PE Course	Mode of delivery & credits			Total Credits
				<i>L-Lecture; T-Tutorial; P-Practical</i>			
				L (Periods /week)	T (Periods /week)	P (Periods /week)	C
1	(SEC-I)	AN107	Basic Drawing Skills	1	1	2	3
		AN108	Presentation Design	1	1	2	3
		AN109	Photography	1	1	2	3
		AN110	Advertising Campaign Design	1	1	2	3
		AN111	Desk Top Publishing	1	1	2	3
1	(SEC-II)	AN119	Basic Writing Skills	1	1	2	3
		AN120	Web Design	1	1	2	3
		AN121	Comic Illustration	1	1	2	3
		AN122	Product Modeling in 3D	1	1	2	3
		AN123	Video Making	1	1	2	3
		AN124	Digital Animation	1	1	2	3
		AN125	Game Appreciation	1	1	2	3
2	(SEC-III)	AN208	Calligraphy	1	1	2	3
		AN209	Fiction Writing	1	1	2	3
		AN210	Architectural Modeling	1	1	2	3
		AN211	Basic Video Editing	1	1	2	3
		AN212	Sound Design	1	1	2	3
		AN213	3D Animation	1	1	2	3
		AN214	Matte Painting	1	1	2	3

**LIST OF PROGRAM ELECTIVES (PE)**

<b>LIST OF PROGRAM ELECTIVES (PE)</b>							
				<b>Mode of delivery &amp; credits</b>			<b>Total Credits</b>
				<i>L-Lecture; T-Tutorial; P-Practical</i>			
<b>PE / LEVEL</b>	<b>Programme Elective (PE)</b>	<b>Code No</b>	<b>Courses</b>	<b>L (Periods /week)</b>	<b>T (Periods/ week)</b>	<b>P (Periods /week)</b>	<b>C</b>
	PE-I (Semester-IV)	AN225	Story Boarding	1	0	2	2
		AN226	Stop Motion	1	0	2	2
		AN227	Story Appreciation for Gaming	1	0	2	2
		AN228	Fundamentals of Theatre and Acting	1	0	2	2
	PE-II (Semester-V)	AN311	Classical Animation	1	0	2	2
		AN312	3D Sculpting	1	0	2	2
		AN313	3D Motion Graphics and Dynamics	1	0	2	2
		AN314	Magazine Design	1	0	2	2
		AN315	Design Thinking	1	0	2	2
	PE-III (Semester-VI)	AN322	VFX in 2D Animation	1	0	2	2
		AN323	3D Compositing for Camera	1	0	2	2
		AN324	Graphic Novels	1	0	2	2
		AN325	Media Studies	1	0	2	2
		AN326	Film Production Design	1	0	2	2
		AN327	Product Designing and Visualization	1	0	2	2

## LIST OF MULTIDISCIPLINARY COURSES

LIST OF MULTIDISCIPLINARY COURSES							
LEVEL	SEM.	Code No	Name of the Course	Mode of delivery & credits			Total Credits
				<i>L-Lecture; T-Tutorial; P-Practical</i>			
				L (Periods/ week)	T (Periods/ week)	P (Periods/ week)	C
		MT115	Business Economics	3	0	0	3
		MT119	Introduction to Human Resource Management	3	0	0	3
		MT120	Introduction to Marketing Management	3	0	0	3
		MT123	Business Communication	2	0	2	3
		MT417	French Language	3	0	0	3

## VOCATIONAL COURSES OFFERED FOR ANIMATION & MULTIMEDIA STUDENTS

LIST OF VOCATIONAL COURSES							
LEVEL	SEM.	Code No	Name of the Course	Mode of delivery & credits			Total Credits
				<i>L-Lecture; T-Tutorial; P-Practical</i>			
				L (Periods/week)	T (Periods/ week)	P (Periods/week)	C
First	SEM II	AN126	Internship on Digital Marketing				4
Second	SEM IV	AN229	Internship on Multimedia				4