



TILAK MAHARASHTRA VIDYAPEETH

Declared as Deemed to be University Under Section 3 of UGC Act 1956

Reaccredited by NAAC with 'B++' Grade

ISO 21001 : 2018 Certified



Department of Digital Arts

Bsc Animation and VFX (Program Code- 605)

FIRST YEAR

SEMESTER- I

Sr NO	Course Code	Course Name	Category	Credits		Theory Marks		Practical Marks		Total Marks
				Theory	Practical	External	Internal	External	Internal	
1	BSAV-24-101	English I – (Th)	AECC	2	0	20	30	-	-	50
2	OR BSAV-24-102	Japanese –I (Th)								
3	BSAV -25-103	Concept Development- (Pr)	CC	0	4	-	-	40	60	100
4	BSAV -25-104	Animation Pipeline and Principle - (Pr)	CC	0	4	-	-	40	60	100
5	BSAV -25-105	Introduction to Digital Art- (Pr)	SEC	0	3	-	-	40	60	100
6	BSAV -24-106	Photography – (Pr)	Multidisciplinary	0	3	-	-	40	60	100
7	BSAV -24-107-A	Gender Perspective (Th)	Open Elective	2	0	-	50	-	-	50
8	OR BSAV -24-108-B	Yoga (Pr)		0	2	-	-	-	50	
9	OR BSAV -24-109-C	Graphology –(Pr)		0	2	-	-	-	50	
Total Number of Courses		09	Total	04 + 16 = 20		20	80	160	290	500

SEMESTER- II

Sr No	Course Code	Course Name	Category	Credits		Theory Marks		Practical Marks		Total Marks
				Theory	Practical	External	Internal	External	Internal	
1	BSAV -24-201	English II – (Th)	AECC	2	0	20	30	-	-	50
2	OR BSAV -24-202	OR Japanese –II (Th)								
3	BSAV -25-203	2D Digital Animation - (Pr)	CC	0	4	-	-	40	60	100
4	BSAV -25-204	Storytelling & Story Boarding -(Pr)	CC	0	3	-	-	40	60	100
5	BSAV -25-205	Communication and plastic Arts (Th)	Multidisciplinary	3	0	40	60	-	-	100
6	BSAV -24-206	Graphic Design (pr)	SEC	0	3	-	-	40	60	100
7	BSAV -24-207- A	Self Defence- (judo) (Pr)	Open Elective	0	2	-	-	-	50	50
8	OR BSAV -24-208- B	OR Moral Values (Th)		2	0	-	50	-	-	
9	IKS-24	Indian knowledge system (IKS) (Th)	Generic	2	0	-	50	-	-	50
	Total Number of Courses	09	Total	19 + 12 = 21		60	190	120	230	550

SECOND YEAR

SEMESTER III

Sr NO	Course Code	Course Name	Category	Credits		Theory Marks		Practical Marks		Total Marks
				Theory	Practical	External	Internal	External	Internal	
1	BSAV -24-301	Introduction to AI-(Pr)	SEC	0	2	-	-	00	50	50
2	BSAV -25-302	Video Editing – (PR)	CC	0	3	-	-	40	60	100
3	BSAV -24-303	3D Assets Modeling (Pr)	CC	0	3	-	-	40	60	100
4	BSAV -25-304	Animation technique -(Pr)	SEC	0	3	-	-	40	60	100
5	BSAV -24-305	UI/UX Design (Pr)	Interdisciplinary	0	3	-	-	40	60	100
6	BSAV -24-306	Communication Skills- (Th)	AECC	2	0	20	30	-	-	50
7	BSAV -24-307	Environmental Studies	VAC	4	0	-	100	-	-	100
	Total Number of Courses	07	Total	06 + 14 = 20		20	130	160	290	600

SEMESTER IV

Sr No	Course Code	Course Name	Category	Credits		Theory Marks		Practical Marks		Total Marks
				Theory	Practical	External	Internal	External	Internal	
1	BSAV -24-401	3D Advance Modeling (Pr)	DSE	0	3	-	-	40	60	100
2	BSAV -24-402	3D Texturing (Pr)	CC	0	3	-	-	40	60	100
3	BSAV -24-403	Compositing Techniques (Pr)	CC	0	4	-	-	40	60	100
4	BSAV -25-404	Camera Tracking & Match Moving (Pr)	DSC	0	4	-	-	40	60	100
5	BSAV -25-405	OJT/ Field Work - (Pr)	Internship	0	4	-	-	40	60	100
6	BSAV -24-406	Indian knowledge system (IKS)- (Th)	Discipline Specific	2	0	-	50	-	-	50
	Total Number of Courses	06	Total	02 + 18 = 20		-	50	200	300	550

THIRD YEAR

SEMESTER -V

Sr No	Course Code	Course Name	Category	Credits		Theory Marks		Practical Marks		Total Marks
				Theory	Practical	External	Internal	External	Internal	
1	BSAV -24-501	Rotoscopy and Paint-(Pr)	CC	0	3	-	-	40	60	100
2	BSAV -24-502	Advanced Compositing Techniques (Pr)	CC	0	4	-	-	40	60	100
3	BSAV -24-503	Rigging and Skinning (Pr)	DSE	0	3	-	-	40	60	100
4	BSAV -24-504	Stereoscopic Techniques (Pr)	Interdisciplinary	0	4	-	-	40	60	100
5	BSAV -25-505	Advanced 3D Animation-(pr)	DSC	0	4	-	-	40	60	100
6	BSAV -24-506	3D Dynamics (Pr)	Interdisciplinary	0	4	-	-	40	60	100
	Total Number of Courses	06	Total	00	22	-	-	240	360	600

SEMESTER -VI

Sr No	Course Code	Course Name	Category	Credits		Theory Marks		Practical Marks		Total Marks
				Theory	Practical	External	Internal	External	Internal	
1	BSAV -25-601	Lighting and Rendering (Pr)	CC	0	4	-	-	40	60	100
2	BSAV -25-602	Digital Background Design and Development- (Pr)	CC	0	4	-	-	40	60	100
3	BSAV -24-603	Motion Graphics – (Pr)	Interdisciplinary	0	4	-	-	40	60	100
4	BSAV -25-604	OJT/ Field Work – (Pr)	Internship	0	6	-	-	40	60	100
	Total Number of Courses	04	Total	00	18	-	-	160	240	400

FOURTH YEAR (HONOURS)

SEMESTER -VII

Sr NO	Course Code	Course Name	Category	Credits		Theory Marks		Practical Marks		Total Marks
				Theory	Practical	External	Internal	External	Internal	
1	BSAV-26-701	Advanced Visual Effects Pipeline & Supervision -(Th)	Core / Major	4	-	40	60	-	-	100
2	BSAV-26-702	Virtual Production & Real-Time Engines (Pr)	Core / Major	-	4	-	-	40	60	100
3	BSAV-26-703	AI Tools in Animation & VFX (Pr)	Interdisciplinary	-	2	-	-	20	30	50
4	BSAV-26-704	Media Management, IPR & Industry Practices -(Th)	Minor	2	-	20	30	-	-	50
5	BSAV-26-705	Portfolio Development & Showreel Design (Pr)	Skill Enhancement	-	4	-	-	40	60	100
6	BSAV-26-706	Research Methodology for Animation & VFX (Th)	Honours Core	4	-	40	60	-	-	100
	Total Number of Courses	06		10 + 10 = 20		100	150	120	180	550

SEMESTER -VIII

Sr No	Course Code	Course Name	Category	Credits		Theory Marks		Practical Marks		Total Marks
				Theory	Practical	External	Internal	External	Internal	
1	BSAV-26-801	Animation / VFX Project -pr	Core / Major	-	8	-	-	40	60	100
2	BSAV-26-802	Dissertation / Research Thesis (Animation & VFX) -Th	Honours Core	6	-	40	60	-	-	100
3	BSAV-26-803	OJT/ Field Work – (Pr)	Skill Enhancement	-	4	-	-	40	60	100
4	BSAV-26-804	Practical Applications for AR & VR- PR	Interdisciplinary	-	2	-	-	40	60	100
	Total Number of Courses	06		06	+ 14 = 20	40	60	120	180	400