

Study & Evaluation Scheme of

Bachelor of Science in Animation and VFX [Applicable for Batch 2022-25]

[As per CBCS guidelines given by UGC]



Approved in BOS	Approved in BOF	Approved in Academic Council
6/7/2022	8/6/2022	10/20/2022 Vide Agenda No. 8.4.3



Quantum University, Roorkee
22 KM Milestone, Dehradun-Roorkee Highway, Roorkee (Uttarakhand)
Website: www.quantumuniversity.edu.in



B.Sc in Animation & VFX V 2022

SEMESTER 1

Course Code	Category	Course Title	L	T	P	C	Version	Course Prerequisite
EG3104	LANG	English I	4	0	0	4	1	Nil
AN3105	PC	Foundation Art	4	0	0	4	1	Nil
AN3106		2D Digital Animation	4	0	4	6	1	Nil
AN3107		Digital Art	3	0	4	5	1	Nil
AN3142	PT	Project - I	0	0	4	2	1	Nil
GT3101	GP	General Proficiency	0	0	0	1	1.0	Nil
TOTAL			15	0	12	22		

Contact Hrs: 27hrs

SEMESTER 2

Course Code	Category	COURSE TITLE	L	T	P	C	Version	Course Prerequisite
EG3208	LANG	English II	4	0	0	4	1	Nil
AN3205	PC	Storytelling	3	0	0	3	1	Nil
AN3206		3D Assets	2	0	8	6	1	Nil
AN3207		Preproduction	2	0	4	4	1	Nil
CE3102	FC	Disaster Management	2*	0	0	2*	1	Nil
CY3205	FC	Environmental Studies	2	0	0	2	1	Nil
AN3209	PT	Project –II	0	0	4	2	1	Nil
GP3201	GP	General Proficiency	0	0	0	1	1.0	Nil
TOTAL			13	0	16	22	1	

Contact Hrs: 29 hrs



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SEMESTER 3



B.Sc in Animation & VFX V 2022

Course Code	Category	COURSE TITLE	L	T	P	C	Version	Course Prerequisite
AN3302	PC	History of VFX	3	0	0	3	1	Nil
AN3303	PC	Compositing Techniques	2	0	8	6	1	Nil
AN3304	PC	3D Dynamics	2	0	8	6	1	Nil
	OE	Open Elective I (Graphic Design)	3	0	0	3	1	Nil
AN3305	SEC	Lighting & Rendering	0	0	4	2	1	Nil
AN3306	PT	Project -III	0	0	4	2	1	Nil
AN3301	GP	General Proficiency	0	0	0	1	1.0	Nil
TOTAL			10	0	24	23	1	

Contact Hrs: 34hrs

SEMESTER 4

Course Code	Category	COURSE TITLE	L	T	P	C	Version	Course Prerequisite
AN3402	PC	Character & Layout Design Concepts	3	0	0	3	1	Nil
AN3403	PC	Rotoscopy& Paint	2	0	6	5	1	Nil
AN3404	PC	Advanced Compositing Techniques	2	0	8	6	1	Nil
	OE	Open Elective II (UX & UI design)	3	0	0	3	1	Nil
AN3405	SEC	Matchmoving	0	0	4	2	1	Nil
AN3406	PT	Project -IV	0	0	4	2	1	Nil
AN3401	GP	General Proficiency	0	0	0	1	1.0	Nil
TOTAL			10	0	22	22	1	

Contact Hrs: 32hrs



SEMESTER 5

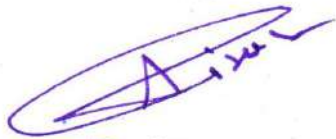
Course Code	Category	COURSE TITLE	L	T	P	C	Version	Course Prerequisite
AN3502	PC	Film Appreciation and Analysis	3	0	0	3	1	Nil
AN3503	PC	Motion Graphics	2	0	4	4	1	Nil
AN3504	DSE	Advanced 3D Animation /Advanced Modeling & Texturing	2	0	6	5	1	Nil
AN3505	DSE	Advanced Rigging /Advanced CG Simulation and Effects	2	0	6	5	1	Nil
	OE	Open Elective II (Creative Computing)	3	0	0	3	1	Nil
AN3506	SEC	Augmented Reality	0	0	4	2	1	Nil
AN3507	PT	Project -V	0	0	4	2	1	Nil
AN3501	GP	General Proficiency	0	0	0	1	1.0	Nil
TOTAL			12	0	24	25	1	

Contact Hrs: 36hrs

SEMESTER 6

Course Code	Category	COURSE TITLE	L	T	P	C	Version	Course Prerequisite
AN3601	PC	Studio Design & Project Management	4	0	0	4	1	Nil
AN3602	PC	Matte Painting	4	0	0	4	1	Nil
	SEC	PROJECT/INTERNSHIP	0	0	20	10	1	Nil
TOTAL			8	0	20	18	1	

Contact Hrs: 28 hrs

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