

Course Structure for B. Des (Animation and Game Design)

Sr. No.	Semester III										
	Course Code	Course Title	Course Type	Teaching Scheme					Assessment Scheme		
				Th	Tut	Pr / Self study	Credits	Hrs	CIA	ESA	Total
1	UBDAG201	Animation/Game Foundations	PCC	2	-	2	4	6	40	60	100
2	UBDAG202	Design Research	PCC	-	-	1	1	2	20	30	50
3	UBDAG203	Introduction to 2D/ Puppet Animation	PCC	2	-	2	4	6	40	60	100
4	UBDAG204	History & Techniques of Animation	PCC	1	-	2	3	5	40	60	100
5	UBDAG205	Open Elective 3	OE	1	-	1	2	3	40	60	100
6	UBDAG206	Presentation Techniques	AEC	1	-	-	1	1	50	-	50
7	UBDAG207	3D Modelling Introduction	SEC	1	-	2	3	5	40	60	100
8	ACUHV201/ ACCOI202	Universal Human Values II : Understanding Harmony / Constitution of India	AC	-	-	-	-	2	50	-	50
9	UFL201	Foreign Language I	AEC	-	-	-	-	2	50	0	50
10	MOOCAG201	Foundations of Game Thinking and Design	MOOC	2	-	-	2	2	20	30	50
Total							20	34	390	360	750

Sr. No.	Course Code	Course Title	Course Type	Teaching Scheme					Assessment Scheme		
				Th	Tut	Pr / Self study	Credits	Hours	CIA	ESA	Total
10	MOOCAG201	Welcome to Game Theory	MOOC	2	-	-	2	2	20	30	50
		Game Design: Art and Concepts Specialization									
		Story and Narrative Development for Video Games									
		Avatar Psychology for Designers									

UFL201 - Foreign Language I

UFL201A - Foreign Language I German

UFL201B - Foreign Language I Japanese

UBDAG205 - Open Elective 3

UBDAG205A – Product Photography

UBDAG205B - Design for Social Media

Semester IV											
Sr. No.	Course Code	Course Title	Course Type	Teaching Scheme					Assessment Scheme		
				Th	Tut	Pr / Self study	Credits	Hrs.	CIA	ESA	Total
1	UBDAG208	Design Studio 1	PCC	1	-	3	4	7	40	60	100
2	UBDAG209	Introduction to Game Technologies	PCC	1	-	1	2	3	20	30	50
3	UBDAG210	Story Writing & Acting for Animation & Games	PCC	1	-	1	2	3	20	30	50
4	UBDAG212	Lighting, Shading & Composition 2D	PCC	1	-	1	2	3	20	30	50
5	UBDAG213	Mini Project 1	PCC	1	-	1	2	3	40	60	100
6	UBDAG214	Portfolio 1	AEC	1	-	-	1	1	50	-	50
7	UBDAG215	3D Weapon, Mech & Vehicle Design 1 - Maya	SEC	1	-	2	3	5	20	30	50
8	ACCOI202 / ACUHV201	Constitution of India / Universal Human Values II : Understanding Harmony	AC	-	-	-	-	1	50	-	50
9		Minor 1	MIN	2	-	-	2	2	40	60	100
10	UFL202	Foreign Language II	AEC	-	-	-	-	2	50	-	50
11	MOOCAG202	Interactive Game Design	MOOC	2	-	-	2	2	20	30	50
Total							20	32	370	330	700

Sr. No.	Course Code	Course Title	Course Type	Teaching Scheme					Assessment Scheme		
				Th	Tut	Pr / Self study	Credits	Hours	CIA	ESA	Total
11	MOOCISD202	Blueprint Scripting	MOOC	2	-	-	2	2	20	30	50
		User Interface in Game Design									
		Unreal Engine Fundamentals									
		User Experience in Game Design									

UFL202 - Foreign Language II

UFL202A - Foreign Language II German

UFL202B - Foreign Language II Japanese

Semester V											
Sr. No.	Course Code	Course Title	Course Type	Teaching Scheme					Assessment Scheme		
				Th	Tut	Pr / Self study	Credits	Hrs	CIA	ESA	Total
1	UBDAG301	Design Studio 2	PCC	1	-	3	4	7	40	60	100
2	UBDAG302	Digital Concept Art For Creatures/ Characters/ Environments	PCC	1	-	1	2	3	20	30	50
3	UBDAG303	Game Engine – Unreal Engine IV	PCC	1	-	-	1	1	50	-	50
4	UBDAG304	3D Environments 1	PCC	1	-	1	2	3	20	30	50
5	UBDAG305	Mini Project 2	PCC	1	-	1	2	3	40	60	100
6	UBDAG306	Project Documentation	AEC	1	-	-	1	1	50	-	50
7	UBDAG307	3D Weapon, Mech & Vehicle Design 1 - Maya	SEC	1	-	1	2	3	20	30	50
8	UBDAG308	Short Movie Making	VAC	-	-	2	2	4	20	30	50
9	ACALR301 / ACEVS301	Aptitude and Logical Reasoning / Environmental Studies	AC	2	-	-	-	2	50	-	50
10		Minor 2	MIN	2	-	-	2	2	40	60	100
11	UFL301	Foreign Language III	AEC	-	-	-	-	1	50	-	50
12	MOOCAG301	Designing Dynamics	MOOC	2	-	-	2	2	20	30	50
Total							20	32	420	330	750

Sr. No.	Course Code	Course Title	Course Type	Teaching Scheme					Assessment Scheme		
				Th	Tut	Pr / Self study	Credits	Hours	CIA	ESA	Total
12	MOOCAG301	Game Theory	MOOC	2	-	-	2	2	20	30	50
		Gamification									
		Game Theory II: Advanced Applications									
		UE5: Beginner's Guide to Building a 3D Environment Specialization									

UFL301 - Foreign Language I

UFL301A - Foreign Language I German

UFL301B - Foreign Language I Japanese

Semester VI											
Sr. No.	Course Code	Course Title	Course Type	Teaching Scheme					Assessment Scheme		
				Th	Tut	Pr / Self study	Credits	Hrs.	CIA	ESA	Total
1	UBDAG309	Design Studio 3	PCC	1	-	3	4	7	40	60	100
2	UBDAG310	3D Character/ Creature Design	PCC	1	-	2	3	5	40	60	100
3	UBDAG311	3D Rigging & Skinning	PCC	1	-	1	2	3	50	-	50
4	UBDAG312	3D Environments 2	PCC	1	-	-	1	1	20	30	50
5	UBDAG313	Mini Project 3	PCC	1	-	1	2	3	40	60	100
6	UBDAG314	Portfolio 2	AEC	0	-	1	1	2	50	-	50
7	UBDAG315	Virtual Reality Tools	SEC	0	-	1	2	3	20	30	50
8	UBDAG316	Theatre Arts	VAC	0	-	1	1	2	50	-	-
9	ACEVS301 / ACALR301	Environmental Studies / Aptitude and Logical Reasoning	AC	-	-	-	-	2	50	-	50
10		Minor 3	MIN	2	-	-	2	2	40	60	50
11	UFL302	Foreign Language IV	AEC	-	-	-	-	2	20	30	50
12	MOOCAG302	Immersive Media and Extended Realities	MOOC	2	-	-	2	2	20	30	50
Total							20	34	440	360	800

Sr. No.	Course Code	Course Title	Course Type	Teaching Scheme					Assessment Scheme		
				Th	Tut	Pr / Self study	Credits	Hours	CIA	ESA	Total
12	MOOCAG302	Introduction to Augmented Reality and ARCore	MOOC	2	-	-	2	2	20	30	50
		VR and 360 Video Production									
		Making Your First Virtual Reality Game									
		AR (Augmented Reality) & Video Streaming Services Emerging Technologies									

UFL302 - Foreign Language II

UFL302A - Foreign Language II German

UFL302B - Foreign Language II Japanese

Semester VII											
Sr. No.	Course Code	Course Title	Course Type	Teaching Scheme					Assessment Scheme		
				Th	Tut	Pr / Self study	Credits	Hrs.	CIA	ESA	Total
1	UBDAG401	Design Studio 4	PCC	2	-	2	4	6	40	60	100
2	UBDAG402	Design Studio 5	PCC	1	-	2	3	5	40	60	100
3	UBDAG403	Design Management	PCC	1	-	-	1	1	50	-	50
4	UBDAG404	Visual Scripting & Blueprints For Games	PCC	2	-	-	2	2	20	30	50
5	UBDAG405	Mini Project 4	PCC	1	-	1	2	3	40	60	100
6	UBDAG406	Internship :UBD	PCC	-	-	-	4	-	40	60	100
7		Minor 4	MIN	2	-	-	2	2	40	60	100
8	MOOCAG401	Visual Scripting & Rendering	MOOC	2	-	-	2	2	20	30	50
Total							20	19	290	360	650

Semester VIII											
Sr. No.	Course Code	Course Title	Course Type	Teaching Scheme					Assessment Scheme		
				Th	Tut	Pr / Self study	Credits	Hrs.	CIA	ESA	Total
1	UBDAG407	Design Studio 6	PCC	1	-	2	3	5	40	60	100
2	UBDAG408	Research Paper Writing : UBD	PCC	2	-	-	2	2	50	-	50
3	UBDAG409	Graduation Project : UBD	PCC	-	-	11	11	22	150	200	350
4		Minor 5	MIN	2	-	-	2	2	40	60	100
5	MOOCAG402	Production Design for Games	MOOC	2	-	-	2	2	20	30	50
Total							20	30	300	350	650