

STRUCTURE OF THE SYLLABUS FOR 4 YEAR UG PROGRAMME

SCHOOL NAME - **Royal School of Communications and Media**

DEPARTMENT NAME - **Animation & Visual Effects**

PROGRAMME NAME - **Bachelor of Science**

1st SEMESTER					
COMPONENT	COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
Major (Core)	- AVE092M101	- History of Animation and Multimedia	100	3	2-1-0
Major (Core)	- AVE092M112	- Fundamentals of Drawing for Animation	100	3	0-1-2
Minor	- AVE092N113	- Color Theory & Abstract	100	3	0-1-2
Interdisciplinary (IDC)		- Indian Knowledge System I	100	3	
Ability Enhancement course (AEC)		- Communicative English & Behavioural Science-I	100	2	
Skill Enhancement Course (SEC)	- AVE092S111	Characters & Illustration	100	3	0-1-2
Value Added Course (VAC)			100	3	
Swayam Courses		Digital Media Literacy	100	4	3-1-0
TOTAL CREDIT FOR 1st SEMESTER				24	
2nd SEMESTER					
COMPONENT	COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
Major (Core)	- AVE092M211	- Concept Art and Digital Painting	100	3	0-1-2
	- AVE092M212	- 3D Modelling and Texturing	100	3	0-1-2
Minor	- AVE092N211	Graphic Design	100	3	0-1-2
IDC		Indian Knowledge System II	100	3	
AEC		- Communicative English & Behavioural Science-II	100	2	

SEC	- AVE092S211	Introduction to Cinematography	100	3	0-1-2
VAC			100	3	
Swayam Courses		Introduction to Graphic Design	100	2	0-1-1
TOTAL CREDIT FOR 2nd SEMESTER				22	
3rd SEMESTER					
COMPONENT	COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
Major (Core)	- AVE092M311	- 2D Animation	200	4	1-1-2
	- AVE092M312	- 3D Lighting and Rendering		4	1-1-2
Minor	- AVE092N311	- Introduction to 3d	200	4	1-1-2
IDC			200	3	
AEC		- Communicative English-III & Behavioral Science-III	200	2	
SEC	AVE092S313	Introduction to Visual Effects	200	3	0-1-2
Swayam Courses		Design Thinking and Innovation	200	2	0-1-1
TOTAL CREDIT FOR 3rd SEMESTER				22	
4th SEMESTER					
COMPONENT	COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
Major (Core)	- AVE092M411	- 2D Animation FX and Compositing	200	4	1-1-2
	- AVE092M412	- Rigging & 3D Animation Techniques	200	4	1-1-2
	- AVE092M413	- Introduction to Chitra Art with Mograph	200	4	1-1-2
Minor	- AVE092N411	Basics of Video Editing	200	3	0-1-2
	- AVE092N412	Foundation of Visual Effects	200	3	0-1-2
AEC		Communicative English & Behavioral Science-IV		2	

Swayam Courses		Augmenting Design thinking with human-computer interaction	200	2	0-1-1
TOTAL CREDIT FOR 4th SEMESTER				22	
5th SEMESTER					
COMPONENT	COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
Major (Core)	- AVE092M511	- Compositing & CGI Integration	300	4	1-1-2
	- AVE092M512	- Overview of Dynamics	300	4	1-1-2
	- AVE092D511	- DSE- Rigging and 2D Animation	300	4	1-1-2
	- AVE092I511	- Internship	300	4	
Minor	AVE092N511	Stop Motion	300	4	
Swayam Courses		Online Communication in Digital Age	200	3	2-1-0
TOTAL CREDIT FOR 5th SEMESTER				23	
6th SEMESTER					
COMPONENT	COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
Major (Core)	- AVE092M611	- Post-production for 2d Animation	300	4	1-1-2
	- AVE092M612	- Advanced 3D Dynamics	300	4	1-1-2
	- AVE092D611	- DSE-1 Procedural Animation and Compositing for Film	300	4	1-1-2
	- AVE092D612	- DSE-2 Film Appreciation & Analysis	300	4	1-1-2
Minor	AVE092N611	Pencil to pixel	300	4	1-1-2
Swayam Courses		Advertisement and Media	200	2	0-1-1
TOTAL CREDIT FOR 6th SEMESTER				22	
7th SEMESTER					
COMPONENT	COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
Major (Core)	- AVE092M711	- Concept for Game Design and Prototype	300	4	1-1-2
	- AVE092M712	- Research Methodology	300	4	1-1-2

	- AVE092M713 - AVE092D711	- Overview of UI/UX - DSE - Visual Effects Production	300 300	4 4	1-1-2 1-1-2
Minor	AVE092N711	Introduction to Architecture Modelling	300	4	1-1-2
TOTAL CREDIT FOR 7th SEMESTER				20	
8th SEMESTER					
COMPONENT	COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
Major (Core)	- AVE092M811	- Media Entrepreneurship and innovation	300	4	1-1-2
	- AVE092M811	- Papercut Mechanism & Animation - Short Film for 2D Animation - Creation of 3D Portfolio - VFX – Portfolio Development	300	4	1-1-2
Minor					
Project / Dissertation		Project Dissertation/Research Project	300	12	
TOTAL CREDIT FOR 8th SEMESTER				20	

Link for Swayam Courses are shared below:

SEMESTER 1: Digital Media:

https://onlinecourses.swayam2.ac.in/nou25_ge13/preview

SEMESTER 2: Introduction to Graphic Design

https://onlinecourses.nptel.ac.in/noc25_de12/preview

SEMESTER 3: Design Thinking and Innovation

https://onlinecourses.swayam2.ac.in/aic25_ge11/preview

SEMESTER 4: Augmenting Design thinking with human-computer interaction

https://onlinecourses.nptel.ac.in/noc25_de09/preview

SEMESTER 5: Online Communication in Digital Age

https://onlinecourses.nptel.ac.in/noc25_hs59/preview

SEMESTER 6: Advertisement and Media

https://onlinecourses.swayam2.ac.in/cec25_hs65/preview