



JSPM UNIVERSITY PUNE

Recognized by UGC u/s 2 (f) of UGC Act 1956 and enacted by the
State Government of Maharashtra - JSPM University Act, 2022 (Mah.IV of 2023)

JSPM University Pune
Faculty of Science and Technology
School of Basic and Applied Sciences



NEP aligned Curriculum Structure

for

B.Sc (Animation & VFX))

(Effective from AY: 2025-26)



JSPM University Pune

FACULTY OF SCIENCE & TECHNOLOGY

SCHOOL OF BASIC AND APPLIED SCIENCE

FIRST YEAR BACHELOR OF SCIENCE
(ANIMATION AND VFX)

COURSE STRUCTURE
(NEP 2020 Aligned)

W. E. F

2024-2025

RELEASE DATE

01/07/2024

REVISION NO.

1.0 (NEP)

SEMESTER I (LEVEL 4.5)

COURSE			TEACHING SCHEME				EXAMINATION SCHEME AND MARKS								TOTAL	CREDITS
TYPE	CODE	COURSE NAME	Hours / Week				THEORY (Equal Weightage for CIE and ESE)			PRACTICAL (Equal Weightage for CIE and ESE)		ORAL (Equal Weightage for CIE and ESE)				
			L	T	P	EL	CONTINUOUS INSEMESTER EVALUATION (100 Marks)			END SEMESTER EXAMINATION (100 / 50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)		
							T1 (30 Marks)	T2 (30 Marks)	Assignments (40 Marks)							
PCC	230GANB01_01	Concepts of Color Theory	3	-	-	-	30	30	40	100	-	-	-	-	100	3
	230GANB02_01	Pre-production Concepts for Animation	3	-	-	-	30	30	40	100	-	-	-	-	100	3
	230GANB03_01	2D Graphics Art and Design Photoshop	3	-	-	-	30	30	40	100	-	-	-	-	100	3
SEC	230GANB04_01	Adobe Illustrator	2	-	2	-	-	-	-	-	50	50	50	50	100	3
VSC	230IDCB01_01	Design Thinking and Creativity	1	-	-	2	-	-	-	-	-	-	50	50	50	1.5
AEC (HSMC)	230UENB01_01	Effective Communication Skills	1	-	2	-	30	30	40	50	-	-	-	-	50	2
VEC	230USYB01_01	Behavioral Science and Ethics	2	-	-	-	30	30	40	50	-	-	-	-	50	2
IKS (HSMC)	230UHIB02_01	Wisdom Through Ancient Indian History	2	-	-	-	30	30	40	50	-	-	-	-	50	2
LC	231GANB05_01	2D Graphics Art and Design Photoshop Lab	-	-	2	-	-	-	-	-	50	50	-	-	50	1
LLC	230GANB06_01	Clay Modelling / Strokes and Sketching / Craft Making	-	-	2	2	-	-	-	-	-	-	50	-	50	1.5
TOTAL			17	0	08	04									700	22

[Signature]
Mr. Sourabh Londhe

Programme Coordinator, F. Y. B.Sc Animation and VFX

[Signature]
Dr. Anuradha S. Deshpande

Associate Dean (Academics)



[Signature]
Dr. R. S. Deshpande
Dean, Faculty of Science and Technology

[Signature]
Prof. B.B. Ahuja
Vice Chancellor, JSPM University Pune

L-Lecture
Format No. JSPM/INI/ACAD/001

T-Tutorial
Rev. No. 1.0

P-Practical Session (Laboratory)
Rev. Date: 01/07/2024

EL-Experiential Learning
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FIRST YEAR BACHELOR OF SCIENCE
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COURSE STRUCTURE
(NEP 2020 Aligned) (11)

W. E. F

2025-2026

RELEASE DATE

01/07/2025

REVISION NO.

1.0 (NEP)

SEMESTER II (LEVEL 4.5)

COURSE

TEACHING SCHEME

EXAMINATION SCHEME AND MARKS

TYPE	CODE	COURSE NAME	Hours / Week				THEORY (Equal Weightage for CIE and ESE)				PRACTICAL (Equal Weightage for CIE and ESE)		ORAL (Equal Weightage for CIE and ESE)		TOTAL	CREDITS	
			L	T	P	EL	CONTINUOUS INSEMESTER EVALUATION (100 Marks)			END SEMESTER EXAMINATION (100 / 50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)			
							T1 (30 Marks)	T2 (30 Marks)	Assignments (40 Marks)								
PCC	231GANB07_02	Audio and Video Composing and Editing Tools, Techniques	3	-	-	2	30	30	40	100	-	-	-	-	100	3.5	
	231GANB08_02	Web Designing and Scripting Languages	2	-	-	-	30	30	40	50	-	-	-	-	50	2	
	230GANB09_02	Digital Film Making and stop Motion Animation	2	-	-	-	30	30	40	50	-	-	-	-	50	2	
SEC	240GANB01_02	Motion Graphics in After Effects	2	-	2	-	-	-	-	-	50	50	50	50	100	3	
IOC	230VBBB17_02	Fundamentals of Marketing	2	-	-	-	30	30	40	100	-	-	-	-	100	2	
MDM	-	Multi Disciplinary Minor	2	-	-	-	30	30	40	50	-	-	-	-	50	2	
AEC (HSMC)	230UENB02_02	Communicative Proficiency Skills	1	-	2	-	30	30	40	50	-	-	-	-	50	2	
LC	230GANB10_02	Web Designing and Scripting Languages Lab	-	-	2	-	-	-	-	-	50	50	-	-	50	1	
	-	Multi Disciplinary Minor Lab	-	-	2	-	-	-	-	-	50	50	-	-	50	1	
LLC	230UPYB02_02	Mindfulness and Wellbeing	1	-	-	2	-	-	-	-	-	-	50	-	50	1.5	
IITP/FP/CEP	231GANB12_02	Internship / Field Project / Community Engagement Project	4 to 6 weeks				-	-	-	-	-	-	-	50	50	50	2
TOTAL			15	0	08	04									700	22	

Sem.	Multi-Disciplinary Minor (MDM)	
	Specialization	Software Development
II	Course Code	240GCSB204_02
	Course Name	C- Programming
	Course Code	240GCSB212_02
	Course Name	C- Programming lab
III	Course Code	240GCSB205_03
	Course Name	Object Oriented Programming Using C++
	Course Code	240GCSB206_03
	Course Name	Object Oriented Programming Using C++ Lab
IV	Course Code	240GCSB207_04
	Course Name	Core Java Programming
	Course Code	240GCSB208_04
	Course Name	Core Java Programming Lab
V	Course Code	240GCSB209_05
	Course Name	Basics Of Python Programming Language
	Course Code	240GCSB210_05
	Course Name	Basics Of Python Programming Language Lab
VI	Course Code	240GCSB211_06
	Course Name	Introduction to Software Development and Testing
	Course Code	240GCSB213_06
	Course Name	Introduction to Software Development and Testing

Sem.	Interdisciplinary Open Course (IOC)	
	Specialization	Marketing Management
II	Course Code	230VBBB17_02
	Course Name	Fundamentals of Marketing
III	Course Code	240VBBB06_03
	Course Name	Introduction to Digital Marketing
V	Course Code	230VMSM11_05
	Course Name	Fundamentals of Financial Management

Note: A Certificate will be awarded if a student exits after first year.

For "Exit" at the end of First Year the student must complete a total of 8 additional credits.

a) An internship / OJT of 8 - 10 weeks (4 credits) over and above semester 2 internship of minimum 4 weeks.

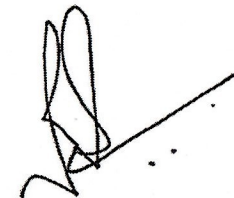
b) Additional one Course of 4 credits (Course offered will be Vocational Skill Course (VSC) or Skill Enhancement Course (SEC) or a mini project).



Mr. Sourabh Londhe
Programme Coordinator, B.Sc. Animation and



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