



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 Civil and Environmental Science



NEP aligned Curriculum Structure

For

M.Tech (Real Estate Valuation)

(Effective from AY: 2025-26)



JSPM University Pune

FACULTY OF SCIENCE & TECHNOLOGY

SCHOOL OF CIVIL AND ENVIRONMENTAL SCIENCES

FIRST YEAR MASTER OF TECHNOLOGY
(REAL ESTATE VALUATION)

COURSE STRUCTURE (NEP 2020 Aligned)

W. E. F

2024 - 2025

RELEASE DATE

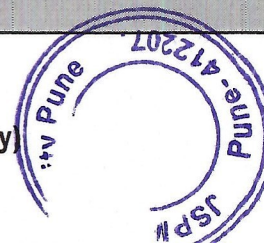
01/07/2025

REVISION NO.

1.0 (NEP)

SEMESTER I (LEVEL 6.5)

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)							
PSMC	230GMAM03_01	Probability and Statistics	2	1	-	-	30	30	40	100	-	-	-	-	100	3
PCC	230GRVM01_01	Principles of Valuation	3	-	-	-	30	30	40	100	-	-	-	-	100	3
PCC	230GRVM02_01	Bookkeeping and Accountancy	2	-	-	2	30	30	40	100	-	-	-	-	100	2.5
PCC	231GRVM03_01	Regional Planning and Urban Land Development	2	-	-	-	30	30	40	50	-	-	-	-	50	2
MMC	-	Multidisciplinary Minor Course- I	1	-	2	-	-	-	-	-	50	50	50	50	100	2
SEC	230GTEM19_01	Geospatial Analysis	2	-	2	-	-	-	-	-	50	50	50	50	100	3
VSC (HSMC)	230IDCB01_01	Design Thinking and Creativity	1	-	-	2	-	-	-	-	-	-	50	50	50	1.5
AEC (HSMC)	231UENM01_01	Communicative English for Professionals	1	-	2	-	-	-	-	-	50	50	-	-	50	2
RMC	230IRMM01_01	Research Methodology	2	-	-	-	30	30	40	50	-	-	-	-	50	2
LC	230GRVM16_01	Valuation Lab	-	-	2	-	-	-	-	-	-	-	50	50	50	1
TOTAL			16	1	8	4									750	22



Sem	Multidisciplinary Minor Course (MMC)	
I (MMC – I)	Course Code	230GRAM24_01
	Course Name	Sensors and Automation
II (MMC – II)	Course Code	230GETM16_02
	Course Name	IoT Basics and Applications



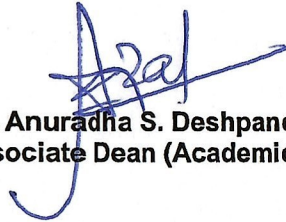
Ms. Ankita Turate
Programme Coordinator, MTech-REV



Dr. Aniket Patil
Director (I/C), School of Civil and Environmental
Sciences



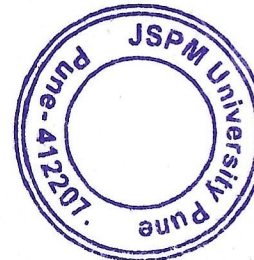
Dr. R. S. Deshpande
Dean, Faculty of Science and Technology



Dr. Anuradha S. Deshpande
Associate Dean (Academics)



Prof. B.B. Ahuja
Vice Chancellor, JSPM University Pune





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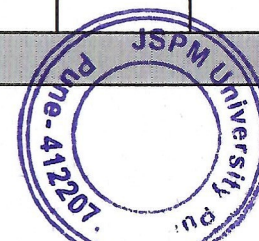
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REVISION NO.

1.0 (NEP)

SEMESTER II (LEVEL 6.5)

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	230GRVM04_02	Principles of Insurance and Loss Assessment	2	1	-	-	30	30	40	100	-	-	-	-	100	3	
PCC	231GRVM05_02	Advanced Surveying	3	-	-	-	30	30	40	100	-	-	-	-	100	3	
PCC	231GRVM06_02	Real Estate Management	2	-	-	2	30	30	40	100	-	-	-	-	100	2.5	
MMC	-	Multidisciplinary Minor Course- II	1	-	2	-	-	-	-	-	50	50	50	50	100	2	
SEC	230GSEM19_02	Building Information Modelling	2	-	2	-	-	-	-	-	50	50	50	50	100	3	
VSC (HSMC)	230IINB02_02	Innovation	1	-	-	2	-	-	-	-	-	-	50	50	50	1.5	
AEC (HSMC)	231UENM02_02	Business Communication	1	-	2	-	-	-	-	-	50	50	-	-	50	2	
RMC	230IRMM02_02	Research Design and Techniques	2	-	-	-	30	30	40	50	-	-	-	-	50	2	
LC	230GRVM18_02	Advanced Surveying Lab	-	-	2	-	-	-	-	-	50	50	-	-	50	1	
IITP/FP/ CEP	230GRVM19_02	Internship / Field Project / Community Engagement Programme	4 to 6 weeks											50	50	50	2
TOTAL			14	1	8	4									750	22	



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

For Exit at the end of first year the student must complete: (Total credits = 8)

a) An internship / OJT of 8 - 10 weeks (4 credits)

b) Additional Course 1 (4 credits) (Vocational Skill Course (VSC) / Skill Enhancement Course (SEC))

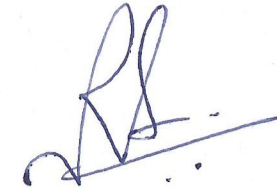
Sem	Multidisciplinary Minor Course (MMC)	
I (MMC – I)	Course Code	230GRAM24_01
	Course Name	Sensors and Automation
II (MMC – II)	Course Code	230GETM16_02
	Course Name	IoT Basics and Applications



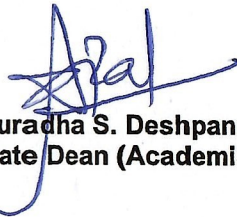
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W. E. F

2025-2026

RELEASE DATE

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REVISION NO.

0.0 (NEP)

SEMESTER III (LEVEL 7)

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)							
PEC	-	Program Elective-I / MOOCs	3	-	-	-	30	30	40	100	-	-	-	-	100	3
PEC	-	Program Elective-II / MOOCs	3	-	-	-	30	30	40	100	-	-	-	-	100	3
IOC	-	Interdisciplinary Open Course -I	2	-	-	-	30	30	40	100	-	-	-	-	100	2
IOC	-	Interdisciplinary Open Course -II	2	-	-	-	30	30	40	100	-	-	-	-	100	2
VEC	230USYB01_03	Behavioral Science and Ethics	2	-	-	-	30	30	40	50	-	-	-	-	50	2
SLC	240GRVM03_03	Seminar	-	-	-	8	-	-	-	-	-	-	50	50	50	2
PROJ	240GRVM01_03	Field Project	-	-	4	8	-	-	-	-	50	50	50	50	100	4
TOTAL			12	0	12	0									600	18
MLC#		Audit Course - I	1	-	-	-	-	-	-	50	-	-	-	-	50	1

Sem.	Interdisciplinary Open Course (IOC)		
	Specialization	(IOC – I)	(IOC – II)
III	Course Code	250GCSM03_03	230GCSM33_03
	Course Name	Fundamentals of Artificial Intelligence and Machine Learning	Introduction to Python Programming
III	Course Code	230VMSM11_03	230VBCB04_03
	Course Name	Fundamentals of Financial Management	Basics of Accounting

Sem.	Programme Elective Course (PEC)		
	Specialization	Construction Management	
III (PEC – I)	Course Code	230GRVM07_03	230GRVM08_03
	Course Name	Principle of Economics	Advanced Town and Regional Planning
III (PEC – II)	Course Code	230GRVM09_03	230GRVM10_03
	Course Name	Life Cycle Cost and Value Engineering	Environmental Impact Assessment
IV (PEC – III)	Course Code	230GRVM11_04	230GRVM12_04
	Course Name	Real Estate Economics	Property investment and feasibility
IV (PEC – IV)	Course Code	230GRVM13_04	230GRVM14_04
	Course Name	Legal Aspects of Valuation	Environmental Issues in Valuation

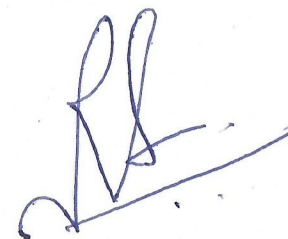
Sem.	Mandatory Learning Course (MLC*)- Audit Course	
III (Audit Course - I)	Course Code	230GSEM29_03
	Course Name	Structural Audit
IV (Audit Course - II)	Course Code	230UPOB02_04
	Course Name	Introduction to Indian Constitution



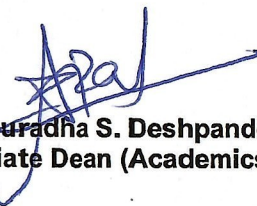
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SEMESTER IV (LEVEL 7)

COURSE

TEACHING SCHEME

EXAMINATION SCHEME AND MARKS

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)		TOTAL	CREDITS	
			L	T	P	EL	CONTINUOUS INSEMESTER EVALUATION (100 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)							END SEMESTER EXAMINATION (100 / 50 Marks)
PEC	-	Program Elective-III/ MOOCs	3	-	-	-	30	30	40	100	-	-	-	-	100	3
PEC	-	Program Elective-IV/ MOOCs	3	-	-	-	30	30	40	100	-	-	-	-	100	3
PROJ	240GRVM02_04	Project/ Internship with Project	-	-	12	24	-	-	-	-	-	-	200	100	300	12
TOTAL			6	0	24	0								500	18	
MLC#		Audit Course - II	1	-	-	-	-	-	-	50	-	-	-	-	50	1



Sem.	Interdisciplinary Open Course (IOC)		
	Specialization	(IOC – I)	(IOC – II)
III	Course Code	250GCSM03_03	230GCSM33_03
	Course Name	Fundamentals of Artificial Intelligence and Machine Learning	Introduction to Python Programming
III	Course Code	230VMSM11_03	230VBCB04_03
	Course Name	Fundamentals of Financial Management	Basics of Accounting

Sem.	Programme Elective Course (PEC)		
	Specialization	Construction Management	
III (PEC – I)	Course Code	230GRVM07_03	230GRVM08_03
	Course Name	Principle of Economics	Advanced Town and Regional Planning
III (PEC – II)	Course Code	230GRVM09_03	230GRVM10_03
	Course Name	Life Cycle Cost and Value Engineering	Environmental Impact Assessment
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IV (PEC – IV)	Course Code	230GRVM13_04	230GRVM14_04
	Course Name	Legal Aspects of Valuation	Environmental Issues in Valuation


Sem.	Mandatory Learning Course (MLC#)- Audit Course	
III (Audit Course - I)	Course Code	230GSEM29_03
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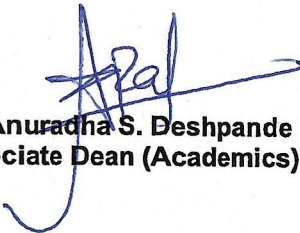
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