SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF URBAN PLANNING

CURRICULUM STRUCTURE

FOR

BACHELOR OF PLANNING

(Sem. I to Sem. VIII)

w.e.f.: A.Y. 2026-2027

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF URBAN PLANNING

Course Structure- Bachelor of Planning (B.Plan)

Semester - I

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
								Formative Assessment CIA		Summative Assessment ESE		
				L	T	P	C	Course	Lab	Course	Lab	
1	PCC		Planning and Design Studio - I	0	0	8	4		50		50	100
2	PCC		Basics of Building Design and Construction	3	0	0	3	50	-	100	-	100
3	PCC		Fundamentals of Planning	3	0	0	3	50	-	100	-	100
4	PCC		Techniques of Planning	3	0	0	3	50	-	100	-	100
5	PCC		Demography and Urbanization	3	0	0	3	50	-	100	-	100
6	VSEC		Introduction to GIS and Computer Fundamentals	3	0	0	3	50		-	50	100
7	VEC		GIS and Computer Fundamentals lab	0	0	4	2		50		50	100
8	AEC		Communication Skill	0	0	2	1	-	50	-	50	100
			TOTAL	15	0	14	22	250	150	400	200	800
			Value Added ourse									
12	VAC		MS Excel, PowerPoint, basic data visualization	-	-	2	-	-	-	-	-	-

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DEPARTMENT OF URBAN PLANNING

Course Structure- Bachelor of Planning (B.Plan)
Semester - II

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
								Formative Assessment CIA		Summative Assessment ESE		
				L	T	P	C	Course	Lab	Course	Lab	
1	PCC		Planning and Design Studio - II	0	0	8	4		50		50	100
2	PCC		Remote Sensing and GIS	3	0	0	3	50	-	100	-	100
3	PCC		Planning for Urban Utilities and Services	3	0	0	3	50	-	100	-	100
4	PCC		Surveying	2	0	0	2	50	-	100	-	100
5	PCC		Qualitative and Quantitative Methods of Planning	3	0	0	3	50	-	100	-	100
6	VSEC		Surveying lab	0	0	2	1		50	-	50	100
7	IKS		Indian Knowledge System	0	0	4	2		50		50	100
8	VEC		Remote Sensing and GIS Lab	0	0	2	1		50		50	100
9	HSMC		Design Thinking	0	0	2	1	-	50	-	50	100
			TOTAL	11	0	18	20	200	250	400	250	900
			Value Added Course									
12	VAC		Computer Aided Drafting for Planners	-	-	2	-	-	-	-	-	-

Note: Internship of 15 Days is Mandatory after completing Semester II.

Course Structure- Bachelor of Planning (B.Plan)

Semester – III

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
								Formative Assessment CIA		Summative Assessment ESE		
				L	T	P	C	Course	Lab	Course	Lab	
1	PCC		Planning and Design Studio – III	0	0	8	4		50		50	100
2	PCC		Planning Theory	3	0	0	3	50	-	100	-	100
3	PCC		Traffic and Transportation Planning - I	3	0	0	3	50	-	100	-	100
4	OE		Geo-Informatics	3	0	0	3	50	-	100	-	100
5	HSMC		Indian Language	2	0	0	2	50	-	100	-	100
6	VEC		Environmental Studies	0	0	1	1	-	50	-	50*	100
7	HSMC		Land Economics	0	0	2	2	-	50	-	50*	100
8	HSMC		Liberal Learning Course - I	2	0	0	1	50	-	100	-	100
9	CEA		Community Engagement Activity/ Field Study	0	0	4	2	-	50	-	50*	100
			TOTAL	13	0	15	21	250	200	500	50	900
Value Added ourse												
12	VAC		Digital Graphics for Planning Presentation (Photoshop, Canva)	-	-	2	-	-	-	-	-	-

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Course Structure- Bachelor of Planning (B.Plan)

Semester – IV

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
								Formative Assessment CIA		Summative Assessment ESE		
				L	T	P	C	Course	Lab	Course	Lab	
1	PCC		Planning and Design Studio - IV	2	1	0	3		50		50	100
2	PCC		Sociology and Geography	3	0	0	3	50	-	100	-	100
3	PCC		Traffic and Transportation Planning - II	3	0	0	3	50	-	100	-	100
4	PCC		Housing and Urban Inequality	3	0	0	3	50	-	100	-	100
5	OE		Urban Infrastructure Planning	3	0	0	3	50	-	100	-	100
6	HSMC		Liberal Learning Course - II	0	0	4	2	-	50	-	50*	100
7	VSEC		Basics of Information Technology and Programming	2	0	0	2	-	50	-	50	100
8	VEC		Professional Practice and Ethics	0	0	2	1	-	50	-	50*	100
9	MDM		Urban Development \	0	0	2	1	-	50	-	50*	100
			TOTAL	16	1	8	21	200	250	400	100	900
			Value Added Course									
11	VAC		3D Modeling for Urban Design (SketchUp)	-	-	2	-	-	-	-	-	-

Note: Internship of 21 Days is Mandatory after completing Semester IV.

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DEPARTMENT OF URBAN PLANNING

Course Structure- Bachelor of Planning (B.Plan)

Semester – V

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
								Formative Assessment CIA		Summative Assessment ESE		
				L	T	P	C	Course	Lab	Course	Lab	
1	PCC		Planning and Design Studio - V	0		8	4	50	-	100	-	100
2	PCC		Project Formulation Appraisal and Management	3	0	0	3	50	-	100	-	100
3	PCC		Planning Legislation - I	3	0	0	3	50	-	100	-	100
4	PCC		Public Policy and Planning	3	0	0	3	50	-	100	-	100
5	PEC		Heritage and Conservation of Special Areas / Landscape and Resource Planning	3	0	0	3	50	-	100	-	100
6	OE		Smart Cities	2	0	0	2	50	-	100	-	100
7	HSMC		Entrepreneurship	0	0	2	1	-	50	-	50	100
8	RM		Research Methodology	1	1	0	2	-	50	-	50*	100
9	MDM		Real Estate Management	2	0	2	4	50	-	100	-	100
			Total	17	1	12	25	350	100	700	50	900
			Value Added Course									
12	VAC		Urban Data Analysis for Planning (Excel Advanced / Power BI)	-	-	2	-	-	-	-	-	-

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DEPARTMENT OF URBAN PLANNING

Course Structure-B.Plan
Semester – VI

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
								Formative Assessment CIA		Summative Assessment ESE		
				L	T	P	C	Course	Lab	Course	Lab	
1	PCC		Planning and Design Studio - VI	0	0	8	4	50	-	100	-	100
2	PCC		Land and Building Valuation	3	0	0	3	50	-	100	-	100
3	PCC		Planning Legislation - II	3	0	0	2	50	-	100	-	100
4	PCC		Sustainable Urban Development	3	0	0	3	50	-	100	-	100
6	PEC		Urban Design and Place Making/ Participatory and Inclusive Planning	3	0	0	3	50		100		100
7	VSEC		Urban Data Analytics and Simulation	1	-	2	2	-	50	-	50*	100
8	HSMC		Constitution of India	-	-	2	1	-	50	-	50*	100
9	MD M		Application of Urban Informatics	-	-	2	4	-	50	-	50*	100
			TOTAL	15	0	16	26	300	150	600	0	900
			Value Added Course									
12	VAC		Urban Visualization & Rendering	-	-	2	-	-	50	-	-	50

Note: Internship of 45 Days is Mandatory after completing Semester VI.

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Course Structure-B.Plan
Semester – VII

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
								Formative Assessment CIA		Summative Assessment ESE		
				L	T	P	C	Course	Lab	Course	Lab	
1	PCC		Planning and Design Studio - VII	0	0	8	4		50		100	100
2	PCC		Regional Planning	3	0	0	3	50	-	100	-	100
3	PCC		Urban Land Management and Governance	3	0	0	3	50	-	100	-	100
4	PEC		Rural Planning and Development / Sustainable Urban Water Management/ Urban Transformation	3	0	0	3	-	50	-	50	100
5	PEC		Climate Adaptation / Disaster Resilience Management	0	0	4	3	-	50	-	50*	100
6	--		Internship	0	0	0	2	-	50	-	50*	100
7	Project		Planning Thesis Preliminaries	0	0	4	3	-	50	-	50	100
8	MD M		Urban Governance	3	0	0	3	50		100		100
			TOTAL	12	0	16	24	150	250	300	200	800
Value Added Course												
8	VAC		Remote Sensing & Advanced GIS	-	-	2	-	-	-	-	-	-

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Course Structure-B.Plan
Semester – VIII

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
								Formative Assessment CIA		Summative Assessment ESE		
				L	T	P	C	Course	Lab	Course	Lab	
1	PROJECT		Planning Thesis	0	0	0	9	50	-	100	-	100
			TOTAL	12	-	12	18	50	00	100	0	150

Abbreviation	Title
PCC	Programme Core Course (PCC)
PEC	Programme Elective Course (PEC)
OE/SE	Open/School Elective (OE/SE) other than a particular program
AEC	Ability Enhancement Course
MD M	Multidisciplinary Minor (MD M)
VSEC	Vocational and Skill Enhancement Course (VSEC)
HSMC	Humanities Social Science and Management Course
IKS	Indian Knowledge System (IKS)
VEC	Value Education Course (VEC)
RM	Research Methodology (RM)
--	Internship
--	Project
CEA	Community Engagement Activity (CEA)/Field Project
CCA	Co-curricular & Extracurricular Activities (CCA)