

INTEGRATED MASTER OF PLANNING (SUSTAINABLE PLANNING)

5 YEARS DEGREE PROGRAM

CURRICULUM STRUCTURE

July 2019

**SUSHANT SCHOOL OF PLANNING AND DEVELOPEMENT
ANSAL UNIVERSITY, GURGAON**

Integrated Master of Planning (Sustainable Planning)

CURRICULUM STRUCTURE

YEAR 1: SEMESTER 1

Course Title	L	T	S	Total Hours	Credits	Examination	Total	Internal	External
Planning and Design Studio-I (Graphics and Presentation Techniques and Area Appreciation)	0	0	10	10	10	Internal + Jury	100	40	60
Fundamentals of Urban and Regional Planning	3	0	0	3	3	Internal + Exam	100	40	60
Fundamentals of Building Structures Materials and Principles of Construction	3	0	0	3	3	Internal + Exam	100	40	60
Statistical and Quantitative Methods in Planning – I	3	0	0	3	3	Internal + Exam	100	40	60
Techniques of Planning- I	3	0	0	3	3	Internal + Exam	100	40	60
Planning Communication - I	2	2	0	4	4	Internal + Exam	100	40	60
Computer Applications in Planning	1	2	0	3	3	Internal + Exam	100	40	60
Trans-Disciplinary Learning	1	0	0	1	1	Internal	100	100	-
Total	16	4	10	30	30		800	380	420

YEAR 1: SEMESTER 2

Course Title	L	T	S	Total Hours	Credits	Examination			
							Total	Internal	External
Planning and Design Lab – II (Neighborhoods and Site Planning)	0	0	10	10	10	Internal + Jury	100	40	60
Economics for Planners	3	0	0	3	3	Internal + Exam	100	40	60
History of Cities	3	0	0	3	3	Internal + Exam	100	40	60
Site and Land Development	3	0	0	3	3	Internal + Exam	100	40	60
Planning Communications-II	2	2	0	4	4	Internal + Exam	100	40	60
Geo-Informatics in Planning – I	1	2	0	3	3	Internal + Exam	100	40	60
Social Sciences for Planners	3	0	0	3	3	Internal + Exam	100	40	60
Trans-Disciplinary Learning	1	0	0	1	1	Internal	100	100	-
Total	16	4	10	30	30		800	380	420

YEAR 2: SEMESTER 3

Course Title	L	T	S	Total Hours	Credits	Examination			
							Total	Internal	External
Planning and Design Lab - III (Local Area Planning)	0	0	10	10	10	Internal + Jury	100	40	60
Planning Theory - I	3	0	0	3	3	Internal + Exam	100	40	60
Demography and Urbanisation	3	0	0	3	3	Internal + Exam	100	40	60
Infrastructure Planning I	3	0	0	3	3	Internal + Exam	100	40	60
Techniques of Planning - II	4	0	0	4	4	Internal + Exam	100	40	60
Traffic and Transportation Planning – I	3	0	0	3	3	Internal + Exam	100	40	60
Geo-Informatics in Planning - II	1	2	0	3	3	Internal + Exam	100	40	60
Trans-Disciplinary Learning	1	0	0	1	1	Internal	100	100	-
Total	18	2	10	30	30		800	380	420

YEAR 2: SEMESTER 4

Course Title	L	T	S	Total Hours	Credits	Examination			
							Total	Internal	External
Planning and Design Lab – IV (Transportation Planning)	0	0	10	10	10	Internal + Jury	100	40	60
Planning Theory – II	3	0	0	3	3	Internal + Exam	100	40	60
Urban Finance	3	0	0	3	3	Internal + Exam	100	40	60
Ecology, Environment and Resource Planning and Management	4	0	0	4	4	Internal + Exam	100	40	60
Housing and Community Planning	3	0	0	3	3	Internal + Exam	100	40	60
Planning in Indian Cities	3	0	0	3	3	Internal + Exam	100	40	60
Traffic and Transportation Planning – II	3	0	0	3	3	Internal + Exam	100	40	60
Trans-Disciplinary Learning	1	0	0	1	1	Internal	100	100	-
Total	20	0	10	30	30		800	380	420

Course Title	Teaching (Hours/Week)				Assessment				
	L	T	St	Total	Type	Internal	External	Total	Credits
Summer Internship (6 to 8 weeks during summer break)	-	-	-	-	Report, Portfolio, VIVA	100	-	100	2
Total	-	-	-	-		100	-	100	2

YEAR 3: SEMESTER 5

Course Title	L	T	S	Total Hours	Credits	Examination			
							Total	Internal	External
Planning Studio V: Urban Development Planning	0	0	10	10	10	Internal + Jury	100	40	60
Real Estate Planning and Management	3	0	0	3	3	Internal + Exam	100	40	60
Disaster Risk Mitigation and Management	3	0	0	3	3	Internal + Exam	100	40	60
Planning Legislation - I	3	0	0	3	3	Internal + Exam	100	40	60
Regional Planning	3	0	0	3	3	Internal + Exam	100	40	60
Urban Analytics for Planning	2	2	0	4	4	Internal + Exam	100	40	60
Planning Communications - III	1	2	0	3	3	Internal + Exam	100	40	60
Trans-Disciplinary Learning	1	0	0	1	1	Internal	100	100	-
Total	16	4	10	30	30		800	380	420

YEAR 3: SEMESTER 6

Course Title	L	T	S	Total Hours	Credits	Examination			
							Total	Internal	External
Planning and Design Lab– VI (Regional Plan)	0	0	10	10	10	Internal + Jury	100	40	60
Thesis Research and Techniques	3	0	0	3	3	Internal + Exam	100	40	60
Urban Renewal and Conservation	3	0	0	3	3	Internal + Exam	100	40	60
Urban Policies, Governance and Management	3	0	0	3	3	Internal + Exam	100	40	60
Planning and Management of Informal Sector	3	0	0	3	3	Internal + Exam	100	40	60
Landscape Planning and Urban Design	3	0	0	3	3	Internal + Exam	100	40	60
Project Formulation, Appraisal and Management	2	2	0	4	4	Internal + Exam	100	40	60
Trans-Disciplinary Learning	1	0	0	1	1	Internal + Exam	100	100	-
Total	18	2	10	30	30		800	380	420

Course Title	Teaching (Hours/Week)				Assessment				
	L	T	St	Total	Type	Internal	External	Total	Credits
Summer Internship (6 to 8 weeks during summer break)	-	-	-	-	Report, Portfolio, VIVA	100	-	100	2
Total	-	-	-	-		100	-	100	2

YEAR 4: SEMESTER 7

Course Title	L	T	S	Total Hours	Credits	Examination	Total	Marks	
								Internal	External
Internship	0	0	0	0	25	Internal Jury	100	100	-
Online Course 1	0	0	0	0	2	Certification	100	100	-
Online Course 2	0	0	0	0	2	Certification	100	100	-
Online Course 3	0	0	0	0	2	Certification	100	100	-
Total	0	0	0	0	31		1100	400	

YEAR 4: SEMESTER 8

Course Title	L	T	S	Total Hours	Credits	Examination	Total	Marks		
								Weightage	Internal	External
Planning Studio – VII (Environment & NRM)	0	0	10	10	10	Internal + Jury	100	40+60	40	60
Ecological Economics and Sociology	3	0	0	3	3	Internal + Exam	100	40+60	40	60
Environmental Impact Assessment and Management	3	0	0	3	3	Internal + Exam	100	40+60	40	60
Indigenous practices for sustainable development	3	0	0	3	3	Internal + Exam	100	40+60	40	60
Techniques of Sustainable Rural Planning	3	0	0	3	3	Internal + Exam	100	40+60	40	60
Software Applications for Sustainable Planning	2	2	0	4	4	Internal + Exam	100	40+60	40	60
Elective – I										
Culture and Society										
Patterns of Development										
Planning and Management										
Tools and Techniques	3	0	0	3	3	Internal	100	100	100	0
Design Thinking										
Sustainable Design										
Digital Skills & Graphic Representation										
Media and Journalism										
Trans-Disciplinary Learning	1	0	0	1	1	Internal	100	100	100	-
Total	18	2	10	30	30		600		440	360

YEAR 5: SEMESTER 9

Course Title	L	T	S	Total Hours	Credits	Examination	Marks			
							Total	Weightage	Internal	External
Planning Studio – IX (Infrastructure Planning)	0	4	10	10	14	Internal + Jury	100	40+60	40	60
Theory & Methods: Research Methods	4	0	0	4	4	Internal + Exam	100	40+60	40	60
Solid Waste Management and Recycling Techniques	3	0	0	3	3	Internal + Exam	100	40+60	40	60
Economics of Sustainable Development	3	0	0	3	3	Internal + Exam	100	40+60	40	60
Environmental Pollution	3	0	0	3	3	Internal + Exam	100	40+60	40	60
Elective – II										
Culture and Society										
Patterns of Development										
Planning and Management										
Tools and Techniques	3	0	0	3	3	Internal	100	100	100	0
Design Thinking										
Sustainable Design										
Digital Skills & Graphic Representation										
Media and Journalism										
Trans-Disciplinary Learning	1	0	0	1	1	Internal	100	100	100	-
Total	17	4	10	27	31		800		440	360

YEAR 5: SEMESTER 10

Course Title	L	T	S	Total Hours	Credits	Examination	Marks			
							Total	Weightage	Internal	External
Planning Studio X: Thesis	0	7	14	21	21	Internal + Jury	100	40+60	40	60
Theory & Method: Project Planning & Financing	4	0	0	4	4	Internal + Exam	100	40+60	40	60
Sustainability in Buildings	3	0	0	3	3	Internal + Exam	100	40+60	40	60
Elective – III										
Culture and Society										
Patterns of Development										
Planning and Management										
Tools and Techniques	3	0	0	3	3	Internal	100	100	100	0
Design Thinking										
Sustainable Design										
Digital Skills & Graphic Representation										
Media and Journalism										
Trans-Disciplinary Learning	1	0	0	1	1	Internal	100	100	100	-
Total	11	7	14	32	32		500		320	180