

College of Engineering, Pune

Department of Civil Engineering

Town Planning Section

Curriculum Structure

Bachelor of Planning with effect from 2019-20

Total Credit: 170

List of Abbreviations:

Sr. No.	Abbreviations	Title
1	PFC	Planning Foundation Course
2	MLC	Mandatory Learning Course
3	LLC	Liberal Learning Course
4	SBC	Skill Based Course
5	PCC	Program Core Course
6	DEC	Department Elective Course
7	PS	Planning Studio

SEMESTER- I

Sr. No.	Course Type	Course Name	Teaching Scheme			Credits
			L	T	P	
1	PCC1	Evolution of Aesthetics, Culture and Technology	3	0	0	3
2	MLC1	Statistical Techniques and Applications	2	1	0	3
3	PFC	Fundamentals of Urban and Regional Planning	3	0	0	3
4	PCC2	Building Materials and Construction Technology	3	0	0	3
5	PCC3	Demography and Urbanization	3	0	0	3
6	MLC2	Professional Communication (Institute Level)	1	0	0	1
7	PS	Planning and Design Studio-I (Graphics and Presentation techniques)	0	0	10	4
			15	1	10	20
		Total Academic Engagement and Credits	26			20

SEMESTER – II

Sr. No.	Course Type	Course Name	Teaching Scheme			Credits
			L	T	P	
1	MLC	Quantitative and Qualitative Techniques in Planning	2	1	0	3
2	PCC1	Surveying Techniques	3	0	0	3
3	PCC2	Planning Techniques - I	3	0	0	3
4	PCC3	Infrastructure Planning	3	0	0	3
5	PCC4	Rural Planning and Development	3	0	0	3
6	PS1	Planning and Design Studio-II (Area Appreciation)	0	0	10	4
7	PS2	Surveying Lab	0	0	4	2
			14	1	14	21
		Total Academic Engagement and Credits	29			21

SEMESTER – III

Sr. No.	Course Type	Course Name	Teaching Scheme			Credits
			L	T	P	
1	PCC1	Building Estimations and Valuation	3	0	0	3
2	PCC2	Planning Theory I	3	0	0	3
3	PCC3	Planning Techniques II	3	0	0	3
4	PCC4	Urban Sociology and Geography	3	0	0	3
5	PCC5	Traffic and Transportation Planning I	3	0	0	3
6	PCC6	Urban Design and Landscape Planning	3	0	0	3
7	MLC	Constitution of India	1	0	0	0
8	PS	Planning and Design Studio –III (Neighborhood and Site Planning)	0	0	10	4
			19	0	10	22
		Total Academic Engagement and Credits	29			22

SEMESTER – IV

Sr. No.	Course Type	Course Name	Teaching Scheme			Credits
			L	T	P	
1	PCC1	Planning Theory II	3	0	0	3
2	PCC2	Traffic and Transportation Planning II	3	0	0	3
3	PCC3	Ecology and Resource Management	3	0	0	3
4	PCC4	Housing	3	0	0	3
5	SBC	Geo-Informatics I	2	0	2	3
6	MLC1	Technical Report Writing	1	1	0	1
7	MLC2	Intellectual Property Right	1	0	0	0
8	PS	Planning and Design Studio –IV (Traffic and Transportation Planning)	0	0	10	4
			16	1	12	20
		Total Academic Engagement and Credits	29			20

SEMESTER - V

Sr. No.	Course Type	Course Name	Teaching Scheme			Credits
			L	T	P	
1	PCC1	Land Economics and Valuation	3	0	0	3
2	PCC2	Planning Practice	3	0	0	3
3	PCC3	Planning Legislation I	3	0	0	3
4	PCC4	Environmental and Social Impact Assessment	3	0	0	3
5	DEC 1	Urban Renewal and Redevelopment	3	0	0	3
		Public Private Partnership				
		Special Area Planning				
6	PS	Planning and Design Studio–V (Area Planning)	0	0	10	4
7	SBC1	Geo-Informatics II	2	0	2	3
8	SBC2	Summer Project	0	0	0	1
9	SBC3	Innovation (Institute Level)	1	0	0	1
			18	0	12	24
		Total Academic Engagement and Credits	30			24

SEMESTER – VI

Sr. No.	Course Type	Course Name	Teaching Scheme			Credits
			L	T	P	
1	PCC1	Urban Heritage Conservation	2	0	2	3
2	PCC2	Project Formulation, Appraisal and Management	3	0	0	3
3	PCC3	Applied Geology and Hydrology	3	0	0	3
4	PCC4	Planning Legislation II	3	0	0	3
5	PCC5	Inclusive Planning	2	0	2	3
6	DEC2	Climate Resilience and Disaster Management	3	0	0	3
		Urban Energy Planning				
		Water Resource Management				
7	PS	Planning and Design Studio –VI (Development Plan)	0	0	10	4
			16	0	14	22
		Total Academic Engagement and Credits	30			22

<u>SEMESTER VII</u>						
Sr. No.	Course Type	Course Name	Teaching Scheme			Credits
			L	T	P	
1	PCC1	Planning for Regions	3	0	0	3
2	PCC2	Urban Management and Governance	3	0	0	3
3	PCC3	Metropolitan Planning and Development	3	0	0	3
4	PCC4	Sustainable Urban Development	3	0	0	3
5	DEC 3	Public Policy and Planning	3	0	0	3
		Real Estate Development				
		Planning for Smart Cities				
6	PS1	Planning and Design Studio –VII (Regional Planning)	0	0	10	4
7	PS2	Planning Thesis (Stage 1)	0	0	3	3
8	SBC	Professional Training	0	0	0	1
9	LLC	Liberal Learning Course				1
			15	0	13	24
		Total Academic Engagement and Credits	28			24
<u>SEMESTER VIII</u>						
Sr. No.	Course Type	Course Name	Teaching Scheme			Credits
			L	T	P	
1	PCC1	Urban Finance	3	0	0	3
2	PCC2	Planning Practice and Ethics	3	0	0	3
3	PS	Planning Thesis (Stage 2)	0	0	6	10
4	SBC	Entrepreneurship	1	0	0	1
			7	0	6	17
		Total Academic Engagement and Credits	13			17

TOTAL ACADEMIC CREDITS = 20+21+22+20+24+22+24+17 = 170

Minor Courses:

Basics in Infrastructure Planning

Rural Planning and Development

Basics in Urban Planning

Sustainable Development

Geoinformatics

Honors Courses:

Advanced Transport Planning

Advance tools in GIS

Best practices in Spatial Planning

Innovative Planning Practices