

Structure of B. Tech. Planning (Batch-2017) Programme

TOTAL CREDITS 180

Semester -I							
Sl. No.	Course Category	Course Category	Credits	Contact hours per week			Course Name
				L	T	P	
1	Programme Specific Math Course	PSMC MA-15006	3	3	-	-	Statistical and Quantitative Methods in Planning - I
2	Programme Core Course	BSC AS-15002	3	3	-	-	Basic Science
3	Programme Core Course	PCCI BP-11001	3	3	-	-	Fundamentals of Urban and Regional Planning
4	Programme Core Course	PCC-II BP-15001	2	2	-	-	Fundamentals of Building Structures
5	Programme Core Course	PCC-III BP-15002	2	2	-	-	Materials and Principles of Construction
6	Programme Core Course	LC I BP-15003	1	-	-	2	Materials and Principles of Construction Lab
7	Lab Course / Mini Project / Seminar	LC -II BP-12001	2	1	-	3	Basic Architectural Design
8	Lab Course / Mini Project / Seminar	LC-III BP-12002	5	-	-	10	Planning and Design Lab - I
Total			21	14	0	15	

Semester -II							
Sl. No.	Course Category	Course Category	Credits	Contact hours per week			Course Name
				L	T	P	
1	Programme Specific Math Course	PSMC BP-15005	3	3	-	-	Statistical and Quantitative Methods in Planning - II
2	Programme Core Course	PCC-IV BP-15006	2	2	-	-	Settlement Geography and Urbanization
3	Programme Core Course	PCC-V BP-11002	2	2	-	-	Surveying and Photogrammetry
4	Programme Core Course	PCC-VI BP-13004	3	3	-	-	Evolution of Aesthetic, Culture and Technology
5	Programme Core Course	PCC-VII BP-13005	3	3	-	-	Techniques of Planning - I
6	Programme Core Course	PCC-VIII BP-13006	2	2	-	-	Applied Geology and Hydrology
7	Lab Course / Mini Project / Seminar	LC-IV BP-13001	1	-	-	2	Surveying and Photogrammetry Lab
8	Lab Course / Mini Project / Seminar	LC-V BP-15011	5	-	-	10	Planning and Design Studio - II
Total			21	15	-	12	

Semester -III							
Sl. No.	Course Category	Course Category	Credits	Contact hours per week			Course Name
				L	T	P	
1	Programme Core Course	PCC-IX BP-14012	3	3	-	-	Landscape Planning and Design
2	Programme Core Course	PCC-X BP-12002	3	3	-	-	Planning Theory - I
3	Programme Core Course	PCC-XI BP-13002	3	2	1	-	Specifications, Estimations and Valuation
4	Programme Core Course	PCC-XII BP12003	3	3	-	-	Techniques of Planning - II
5	Programme Core Course	PCC-XIII BP-12004	2	1	-	2	Computer Aided Design in Planning
6	Programme Core Course	PCC-XIV BP-12005	3	3	-	-	Traffic and Transportation Planning - I
7	Lab Course / Mini Project / Seminar	LC-VI BP-13008	5	-	-	10	Planning and Design Studio - III
Total			22	15	1	12	

Semester -IV							
Sl. No.	Course Category	Course Category	Credits	Contact hours per week			Course Name
				L	T	P	
1	Programme Core Course	PCC-XV BP-14001	3	3	-	-	Planning Theory - II
2	Programme Core Course	PCC-XVI BP-14002	3	3	-	-	Planning Practice - I
3	Programme Core Course	PCC-XVII BP-14003	3	3	-	-	Traffic and Transportation Planning - II
4	Programme Core Course	PCC-XVIII BP-14004	3	3	-	-	Ecology, Environment and Resource Development and Management
5	Programme Core Course	PCC-IX BP-14005	2	2	-	-	Housing and Community Planning
6	Programme Core Course	PCC-XX BP-14006	3	3	-	-	Settlement Sociology
7	Mandatory Learning Course	MLC II ML-14001	1	1	1	-	Technical Report Writing
8	Lab Course / Mini Project / Seminar	LC-VII BP-14007	5	-	-	10	Planning and Design Studio - IV
Total			23	18	1	10	

Semester -V							
Sl. No.	Course Category	Course Category	Credits	Contact hours per week			Course Name
				L	T	P	
1	Programme Core Course	PCC-XXI BP-12007	3	3	-	-	Introduction to Economics
2	Programme Core Course	PCC-XXII BP-14008	3	3	-	-	Planning and Management of Utilities and Services
3	Programme Core Course	PCC-XXIII BP-14011	3	3	-	-	Planning Legislation
4	Programme Core Course	PCC-XXIV BP-17001	3	3	-	-	EIA for Planning
5	Programme Core Course	PCC-XXV BP-14013	2	2	-	-	Geo-Informatics in Planning
6	Programme Core Course	PCC-XXVI BP-17002	3	2	1	-	Rural Development and Management
7	Department Elective Course	DEC-I BP(DE)-14001	3	3	-	-	Infrastructure Planning
							Development and Management Planning for Special Areas
8	Lab Course / Mini Project / Seminar	LC-VIII BP-15025	5	-	-	10	Planning and Design Studio - V
9	Mini Project in Summer	PCC-XXVII BP-14014	1	-	-	2	Training Seminar - I
Total			26	20	1	12	

Semester -VI							
Sl. No.	Course Category	Course Category	Credits	Contact hours per week			Course Name
				L	T	P	
1	Programme Core Course	PCC-XXVIII BP-16002	3	3	-	-	Urban Management
2	Programme Core Course	PCC-XXIX BP-17005	2	2	-	-	Urban Renewal and Conservation
3	Programme Core Course	PCC-XXX BP-16004	3	3	-	-	Project Formulation, Appraisal and Management
4	Programme Core Course	PCC-XXXI BP-16001	3	3	-	-	Introduction to Urban Design
5	Programme Core Course	PCC-XXXII BP-16005	3	1	2	-	Planning and Management of Informal sector
6	Programme Core Course	PCC-XXXIII BP-17007	2	1	-	2	GIS Lab for Planning
7	Department Elective Course	DEC-II BP(DE)-18001	3	3	-	-	Urban Energy Systems
							Water Resource Management
							PPP in Urban Environmental Services
8	Programme Core Course	LC-IX BP-17006	1	-	-	2	Urban Renewal and Conservation lab
9	Lab Course / Mini Project / Seminar	LC-X BP-17008	5	-	-	10	Planning and Design Studio -VI
Total			25	16	4	12	

Semester -VII							
Sl. No.	Course Category	Course Category	Credits	Contact hours per week			Course Name
				L	T	P	
1	Programme Core Course	PCC-XXXIV BP-15026	3	3	-	-	Introduction to Regional Planning
2	Programme Core Course	PCC-XXXV BP-15027	3	3	-	-	Urban Finance
3	Programme Core Course	PCC-XXXVI BP-15028	2	2	-	-	Disaster Risk Mitigation and Management
4	Programme Core Course	PCC-XXXVII BP-17011	2	2	-	-	Human Values in Planning
5	Programme Core Course	PCC-XXXVIII BP-15029	3	3	-	-	Sustainable Urban Development
6	Thesis-I	Thesis-I (BP-15030)	3	-	3	-	Planning Thesis - I
7	Department Elective Course	DEC-III BP(DE)-16004	3	3	-	-	Metropolitan Planning Development and Management
							Real Estate Planning and Management
							Smart Cities Concept
8	Lab Course / Mini Project / Seminar	LC-XI BP-19010	5	-	-	10	Planning and Design Studio - VII
9	Professional Training in Summer	PCC-XXXIX BP-15031	1	-	-	2	Training Seminar - II
10	Liberal Learning Course	MLC-I LL-18005	1	-	-	-	No Change
Total			26	14	3	12	

Semester -VIII							
Sl. No.	Course Category	Course Category	Credits	Contact hours per week			Course Name
				L	T	P	
1	Programme Core Course	PCC-XXXL (BP-17009)	3	3	-	-	Urban Governance and Management
2	Programme Core Course	PCC-XXXLI (BP-17010)	3	3	-	-	Planning Practice - II
3	Thesis-II	Thesis-II (BP-17012)	10	-	8	2	Planning Thesis - II
Total			16	6	8	2	