

**Course Structure for B.Tech. (Planning)**  
(Under the CBCS, Effective from the Academic Year 2017-2018)

**1<sup>st</sup> Semester**

S.No	Course Code	Course Title	Pre-requisites	P/Wk	Credits	Int.	Ext.	Total	End Exam W/J/P	Remarks*
1	PL17B1.1C	Graphics & Presentation Techniques for Planning	–	10	10	100	100	200	S/J	–
2	PL17B1.2C	Introduction to Physical Planning	–	4	4	50	50	100	W	–
3	PL17B1.3C	Materials for Settlement Planning	–	4	4	50	50	100	W	–
4	PL17B1.4C	Elements of Geology & Settlement Geography	–	4	4	50	50	100	W	–
5	PL17B1.5C	Structural Systems for Settlements	–	4	4	50	50	100	W	–
6	GN17B1.2A	Environmental Studies	–	2	2	50	50	100	W	–
7	GN17B1.3A	Computer Applications	–	4	2	50	50	100	P	–
				32	30			800		

**Note:-**

Practical: Where the student does a Practical work for a given problem and is evaluated

Studio Jury: Semester work Portfolio of the studio is evaluated

## 2<sup>nd</sup> Semester

S.No	Course Code	Course Title	Pre-requisites	P/Wk	Credits	Int.	Ext.	Total	End Exam W/J/P	Remarks*
1	PL17B2.1C	Settlements Mapping and Visual Representation	PL17B1.1C	8	8	100	100	200	S/J	–
2	PL17B2.2C	Demography & Urbanization	–	4	4	50	50	100	W	–
3	PL17B2.3C	Quantitative Methods	–	4	4	50	50	100	W	–
4	PL17B2.4C	Estimation & Specifications	–	4	4	50	50	100	W	–
5	PL17B2.5C	Economics & Sociology	–	4	4	50	50	100	W	–
6	PL17B2.6C	Surveying	–	4	2	100	0	100	–	–
7	GN17B2.1A	Communication Skills	–	2	2	50	50	100	P	–
8	GN17B2.2A	Value Education	–	2	2	50	–	50	–	–
				32	30			850		

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### 3<sup>rd</sup> Semester

S.No	Course Code	Course Title	Pre-requisites	P/Wk	Credits	Int.	Ext.	Total	End Exam W/J/P	Remarks*
1	PL17B3.1C	Site Planning & Built Environment	PL17B2.1C	12	12	100	100	200	S/J	–
2	PL17B3.2C	Traffic & Transportation Planning	–	4	4	50	50	100	W	–
3	PL17B3.3C	Planning Techniques	–	4	4	50	50	100	W	Open
4	PL17B3.4C	Housing & Community Planning -Seminar	–	2	2	50	50	100	W	–
5	PL17B3.5C	CAD Applications in Planning	–	6	6	100	100	200	P	–
6	PL 17B3.6 C	Communication Skills for Planning	–	2	2	100	0	100	–	Open
				30	30			800		

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Studio Jury: Semester work Portfolio of the studio is evaluated

### 4<sup>th</sup> Semester

S.No	Course Code	Course Title	Pre-requisites	P/Wk	Credits	Int.	Ext.	Total	End Exam W/J/P	Remarks*
1	PL17B4.1C	Neighborhood & Area Planning	PL17B3.1C	8	8	100	100	200	J	Open
2	PL17B4.2C	Planning Principles	–	4	4	50	50	100	W	Open
3	PL17B4.3C	Infrastructure Planning	–	4	4	50	50	100	W	Open
4	PL17B4.4C	Planning for Informal sector (Seminar)	–	2	2	50	50	100	W	Open
5	PL17B4.5C	Rural Development	–	4	4	50	50	100	W	Open
6	PL17B4.6C	GIS	–	5	5	100	100	200	P/J	Open
		Open Elective - 1	*	–	–	–	–	–	–	–
				31	30			800		

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Studio Jury: Semester work Portfolio of the studio is evaluated

For open elective 4 periods per week and 3 credits or assumed to calculate the totals

## 5<sup>th</sup> Semester

S.No	Course Code	Course Title	Pre-requisites	P/Wk	Credits	Int.	Ext.	Total	End Exam W/J/P	Remarks*
1	PL17B5.1C	Rural Area Planning Studio	PL17B4.1C	7	7	100	100	200	S/J	–
2	PL17B5.2C	Urban Design & Conservation	–	4	4	50	50	100	W	Open
3	PL17B5.3C	Planning & Management for Disasters(Seminar)	–	2	2	50	50	100	W	Open
4	PL17B5.4C	Development Planning	–	4	4	50	50	100	W	–
5	PL17B5.5C	Planning Workshop I (Traffic Studies)	–	3	3	100	100	200	J	–
6	PL17B5.6C	Planning Theory and Urban Policy	–	4	4	100	100	200	W	Open
7	PL17B5.xE	Elective - 1	–	4	3	50	50	100	–	–
		Open Elective - 2	*	–	–	–	–	–	–	–
				31	30			800		

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Studio Jury: Semester work Portfolio of the studio is evaluated

For open elective 4 periods per week and 3 credits or assumed to calculate the totals

## 6<sup>th</sup> Semester

S.No	Course Code	Course Title	Pre-requisites	P/Wk	Credits	Int.	Ext.	Total	End Exam W/J/P	Remarks*
1	PL17B6.1C	Urban Planning Studio	PL17B5.1C	8	8	100	100	200	S/J	–
2	PL17B6.2C	Regional Planning	–	4	3	50	50	100	W	–
3	PL17B6.3C	Project Formulation, Appraisal & Management	–	4	3	50	50	100	W	Open
4	PL17B6.4C	Planning Legislation	–	4	4	50	50	100	W	–
5	PL17B6.5C	Planning Workshop II (Infrastructure Studies)	–	3	3	100	100	200	J	–
6	PL17B6.6C	Environmental Planning & Management	–	4	4	50	50	100	W	Open
7	PL17B6.7C	Seminar	–	2	2	50	50	100	–	–
8	PL17B6.8C	Practical Training-I	–	–	–	–	–	–	J	–
9	PL17B6.xE	Elective - 2	–	4	3	50	50	100	–	–
				31	30			1000		

**Note:-**

Practical: Where the student does a Practical work for a given problem and is evaluated

Studio Jury: Semester work Portfolio of the studio is evaluate

Practical Training satisfactory grade should be given which is evaluated at the end of the semester.

## 7<sup>th</sup> Semester

S.No	Course Code	Course Title	Pre-requisites	P/Wk	Credits	Int.	Ext.	Total	End Exam W/J/P	Remarks*
1	PL17B7.1C	Metropolitan and Regional Planning Studio	PL17B6.1C	8	8	100	100	200	S/J	–
2	PL17B7.2C	Implementation and Financing of Urban projects	–	4	4	50	50	100	W	Open
3	PL17B7.3C	Urban Governance & Management	–	4	4	50	50	100	W	–
4	PL17B7.4C	Professional Practice	–	2	2	50	50	100	W	–
5	PL17B7.5C	Planning Colloquium	–	4	4	100	0	100	–	–
6	PL17B7.6C	Pre-Thesis	–	2	2	50	50	100	W	–
7	PL17B7.xE	Elective - 3	–	3	3	50	50	100	–	–
		Open Elective - 3	*	–	–	–	–	–	–	–
				31	30			800		

**Note:-**

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Studio Jury: Semester work Portfolio of the studio is evaluated

For open elective 4 periods per week and 3 credits or assumed to calculate the totals

### 8<sup>th</sup> Semester

S.No	Course Code	Course Title	Pre-requisites	P/Wk	Credits	Int.	Ext.	Total	End Exam W/J/P	Remarks*
1	PL17B8.1C	Planning Thesis	PL17B6.1C	–	12	200	200	400	S/J	–
2	PL17B8.2C	Project Documentation	–	2	2	100	0	100	–	Open
3	PL17B8.3C	Practical Training-II	–	–	10	50	Pass/Fail	Pass/Fail	J	–
4	PL17B8.xE	Elective - 4	–	4	3	50	50	100	–	–
									S/J	
				6	27			600		

**Note:** Core Courses will be held for 12 weeks and the Summer internship/Practical Training will be for 6 weeks



## List of Electives

### Elective - 1

1	PL17B5.1E	Real estate development
2	PL17B5.2E	Affordable housing

### Elective - 2

3	PL17B6.1E	Seminar on Ethics Values and Philosophy
4	PL17B6.2E	Seminar on Changing Context for Planning in relation with other Disciplines..

### Elective - 3

5	PL17B7.1E	Planning workshop III(Redevelopment)
6	PL17B7.2E	Planning workshop iii (Industrial area planning)

### Elective - 4

7	PL17B8.1E	Climate change and planning
8	PL17B8.2E	Technology in Managing Cities.