

A Satyam Roychowdhury initiative



# **B.Plan** undergraduate degree course

## **structure of syllabus** (semester wise)

based on AICTE model curriculum

## SEMESTER I

S. No.	Course Code	Course Title	L	T	P	C
<b>THREE WEEKS MANDATORY INDUCTION PROGRAM</b>						
1.	BPC 1.1	Fundamentals of Urban and Regional Planning	3	0	0	3
2.	BPC 1.2	Techniques of Planning – I	2	1	0	3
3.	BPC 1.3	Quantitative and Qualitative Methods for Planners	1	1	0	2
4.	BPC 1.4	Basic Computer Applications	0	2	0	2
5.	BPH 1.5	Technical Report Writing	1	1	0	2
6.	BPPS 1.0	Planning Studio – I: Area Appreciation and Space Perceptions	0	0	10	5
7.	BPAU 1.1	Stress Management by Sports & Yoga	0	0	2	0
<b>TOTAL</b>			<b>7</b>	<b>5</b>	<b>12</b>	<b>17</b>

## SEMESTER II

S. No.	Course Code	Course Title	L	T	P	C
1.	BPC 2.1	Cities in History	2	0	0	2
2.	BPC 2.2	Spatial Data Infrastructure for Planning – I	2	1	0	3
3.	BPC 2.3	Planning Communication	1	2	0	3
4.	BPC 2.4	Site and Land Development	2	1	0	3
5.	BPH 2.5	Economics for Planners	2	0	0	2
6.	BPH 2.6	Introduction to Social Sciences	3	0	0	3
7.	BPPS 2.0	Planning Studio – II: Village Planning and Urban Neighbourhood Planning	0	0	10	5
<b>TOTAL</b>			<b>12</b>	<b>4</b>	<b>10</b>	<b>21</b>

## SEMESTER III

S. No.	Course Code	Course Title	L	T	P	C
1.	BPC 3.1	Planning Theory – I	3	0	0	3
2.	BPC 3.2	Traffic and Transport Planning - I	2	0	0	2
3.	BPC 3.3	Techniques of Planning – II	2	1	0	3
4.	BPC 3.4	Urban and Regional Infrastructure Planning	3	0	0	3
5.	BPH 3.5	Demography	2	0	0	2
6.	BPPT 3.6	Professional Training – I	-	-	-	2
7.	BPPS 3.0	Planning Studio: Land Use and Transport Planning	0	0	10	5
<b>TOTAL</b>			<b>12</b>	<b>1</b>	<b>10</b>	<b>20</b>

Note: Students will undergo professional training in a department approved organization on a project for 2 months. This will be supervised training by a senior professional from the organization. Satisfactory completion of training will be mandatory for the award of a degree. Training will be evaluated by the faculty.

## SEMESTER IV

S. No.	Course Code	Course Title	L	T	P	C
1.	BPC 4.1	Planning Theory – II	3	0	0	3
2.	BPC 4.2	Planning Practice - I	1	1	0	2
3.	BPC 4.3	Traffic and Transport Planning - II	2	0	0	2
4.	BPC 4.4	Ecology and Resources Planning	2	0	0	2
5.	BPPE 4.5	Professional Elective – I	3	0	0	3
7.	BPOE 4.6	Open Elective – I	3	0	0	3
8.	BPPS 4.0	Planning Studio: Site Planning	0	0	10	5
<b>TOTAL</b>			<b>14</b>	<b>1</b>	<b>10</b>	<b>20</b>
Any one from the following subjects has to be taken as a Professional Elective – I:						
1. Advanced Spatial Data Infrastructure for Planning						
2. Public Policy and Politics in Planning						
The following subject is an Open Elective – I:						
1. Reading and Comprehending Spaces						

## SEMESTER V

[illegible]

Note: Students will undergo professional training in a department approved organization on a project for 2 months. This will be supervised training by a senior professional from the organization. Satisfactory completion of training will be mandatory for the award of a degree. Training will be evaluated by the faculty.

## SEMESTER VI

S. No.	Course Code	Course Title	L	T	P	C
1.	BPC 6.1	Environment Planning	2	0	0	2
2.	BPC 6.2	Land Economics and Location Theory	2	0	0	2
3.	BPC 6.3	Development Finance	2	0	0	2
4.	BPC 6.4	Planning for Informal Sector and the Urban Poor	3	0	0	3
5.	BPPE 6.5	Professional Elective – III	3	0	0	3
6.	BPOE 6.6	Open Elective – III	3	0	0	3
7.	BPPS 6.0	Planning Studio: Master Development Plan	0	0	10	5
8.	BPAU 6.1	Environmental Science	3	0	0	0
<b>TOTAL</b>			<b>15</b>	<b>0</b>	<b>10</b>	<b>20</b>
Any one from the following have to be taken as a Professional Elective-III:						
1. Real Estate Development and Management						
2. Climate Change, Disaster Risk and Resilience						
The following subject is an Open Elective – III:						
1. Metropolitan Planning and Development						

## SEMESTER VII

S. No.	Course Code	Course Title	L	T	P	C
1.	BPC 7.1	Introduction to Regional Planning	2	0	0	2
2.	BPC 7.2	Planning Legislation – I	2	0	0	2
3.	BPC 7.3	Rural Development and Management	2	0	0	2
4.	BPC 7.4	Dissertation Writing	1	1	0	2
5.	BPPE 7.5	Professional Elective – IV	3	0	0	3
6.	BPOE 7.6	Open Elective – IV	3	0	0	3
7.	BPPT 7.7	Professional Training – III	-	-	-	3
8.	BPPS 7.0	Planning Studio: Regional Plan	0	0	10	5
<b>TOTAL</b>			<b>13</b>	<b>1</b>	<b>10</b>	<b>22</b>
Any one from the following have to be taken as a Professional Elective-IV:						
1. Landscape Planning and Design						
2. Heritage, Renewal and Redevelopment						
The following subject is an Open Elective – IV:						
1. Institutions and Planning						

Note: Students will undergo professional training in a department approved organization on a project for 2 months. This will be supervised training by a senior professional from the organization. Satisfactory completion of training will be mandatory for the award of a degree. Training will be evaluated by the faculty.

## SEMESTER VIII

S. No.	Course Code	Course Title	L	T	P	C
1.	BPC 8.1	Planning Legislation - II	3	0	0	3
2.	BPC 8.2	Planning Practice – II	2	0	0	2
3.	BPC 8.3	Planning Ethics	2	0	0	2
4.	BPPE 8.4	Professional Elective – V	3	0	0	3
5.	BPOE 8.5	Open Elective - V	3	0	0	3
6.	BPPTH 8.0	Planning Thesis	0	0	12	6
<b>TOTAL</b>			<b>13</b>	<b>0</b>	<b>12</b>	<b>19</b>
Any one from the following have to be taken as a Professional Elective – V:						
1. Water Security and Planning						
2. Universally Accessible Built Environments						
The following subject is an Open Elective – V:						
1. Urban Governance and Management						

An induction training program is proposed, before the start of formal classes, to orient the students towards architectural aptitude, education and career and would include the following

### **Familiarization**

*The students should be told about different methods of teaching and learning being used in the institute and how it is different as compared to school education or coaching. They should also be shown the laboratories, workshops & other facilities. They should be told about what becoming an architect means and the importance of the role of architect in society, and in nation building*

### **Creative Arts**

*Every student would choose one skill related to the arts whether visual arts or performing arts. Examples are painting, sculpture, pottery, music, dance etc.*

### **Universal Human Values**

#### **Literary**

*Literary activity would encompass reading, writing and possibly debating, enacting a play etc*

#### **Proficiency Modules**

*This period can be used to overcome some critical lacunas that students might have, for example, English, computer familiarity etc.*

#### **Visits to Local Area**

*A couple of visits to the landmarks of the city,*

#### **Lectures by Eminent People**

*Lectures by eminent people would give the students exposure to people who are socially active or are in public life*