



## L.J. SCHOOL OF PLANNING MASTERS OF URBAN AND REGIONAL PLANNING SEMESTER-1

COURSE TITLE	PLANNING TECHNIQUES
COURSE CODE	040070105
COURSE CREDITS	2
NUMBER OF SESSIONS	20
COURSE TYPE	Core
COURSE OFFERED IN	Sem I
DEPARTMENT	L.J. School of Planning
COURSE FACULTY	Anjana Vyas

### **COURSE DESCRIPTION:**

The objective of this course is to make the students familiar with Data base for physical surveys including land use, building use, density, building age, etc., and socio-economic surveys; Survey techniques; Land use classification or coding and expected outputs

This course would also help students prepare themselves for the working in analytical methods including classification of regions, delineation techniques of various types of regions, analysis of structure of nodes, hierarchy, nesting and rank size; Scalogram, sociogram, etc.

In this course, students also explore Spatial standards, performance standards and benchmarks, and variable standards; UDPFI guidelines, zoning regulations and development control rules and regulations and also Techniques of preparing base maps including understanding the concepts of scales, components and detailing for various levels of plans like regional plan, city plan, zoning plan, and local area plan.

### **Evaluation criteria:**

The evaluation is based on two distinct components, viz. assignments/reviews/hands on from Modules 1, 2, 3 and 4 and an end-Semester written examination covering all Modules.

### **Type Weightage (%)**

Test I Oral Review / Presentation - 10%

(Class exercise - Identification of a project live or hypothetical and carry out PM related SOP's, time schedule development, cost management plan, HR, procurement and close out stages.)

Internal test - 20%

Test II Project Review presentation - 20%

Test III Written Examination - 50%

**Pedagogical approach:**

Classroom lectures, review papers, students' presentations, case studies discussion on various theories of development & Planning.

<b>COURSE CONTENTS</b>			
<b>Module</b>	<b>Topic</b>	<b>Lectures</b>	<b>Hours</b>
1.	<b>Survey Techniques and Mapping</b> Data base for physical surveys including land use, building use, density, building age, etc., and socio-economic surveys; Survey techniques; Land use classification or coding and expected outputs; Techniques of preparing base maps including understanding the concepts of scales, components and detailing for various levels of plans like regional plan, city plan, zoning plan, and local area plan.	4	8
2.	<b>Analytical Methods</b> Classification of regions, delineation techniques of various types of regions, analysis of structure of nodes, hierarchy, nesting and rank size; Scalogram, sociogram, etc ; Planning balance sheet; Threshold analysis; Input output analysis, SWOT analysis	4	8
3.	<b>Demographic Methods</b> Methods of population forecasts and projections; ratios: urban rural, urban concentration, metropolitan concentration; Location dimensions of population groups social area and strategic choice approach inter connected decision area analysis.	4	8
4.	<b>Planning Standards</b> Spatial standards, performance standards and benchmarks, and variable standards; UDPFI guidelines, zoning regulations and development control rules and regulations.	4	8
	<b>Total</b>	<b>16</b>	<b>32</b>