

Mohamed Sathak A.J college of Engineering, Chennai.

DEPARTMENT OF CIVIL ENGINEERING

LESSON PLAN

Course/Branch	:	B.E Civil Engineering	Total no. of hours given in syllabus:		
Subject Code	:	CE8004	Lecture	:	45
Subject Title	:	Urban Planning and Development	Tutorials	:	0
Year/Semester	:	III/VI	Practical	:	0
Faculty Name	:	Mrs. V.Janaki	TOTAL	:	45
Regulation	:	2017	Credits	:	03

COURSE OBJECTIVES :

The student should be made to:

The objective of this course is to enable students to have the knowledge on planning process and to introduce to the students about the regulations and laws related to Urban Planning.

COURSE OUTCOMES:

Upon completion of the course, the student should be able to:

- Describe basic issues in urban planning
- Formulate plans for urban and rural development and
- Plan and analyse socio economic aspects of urban and rural planning
- Design of urban development projects.
- Manage urban development projects.

Sl.No.	Topic	No. of Periods	Text / Reference Books	Page No.	Method
UNIT I BASIC ISSUES					8
Objective: The objective of this unit is to help students to have a basic knowledge on urban planning.					
1	Basic Definition of Urban Planning	1	T1	1-3	Chalk and Board
2	Problems in urban settlement	1	T1	4-7	Chalk and Board
3	Central Business District (CBD)	2	T1	8-24	Chalk and Board
4	Classification of urban areas	1	T1	26-38	Chalk and Board
5	Types of Human Settlement Pattern	1	T1	39-54	Chalk and Board
6	Trends in urbanisation	2	T1	55-60	Chalk and Board

UNIT II PLANNING PROCESS						8
Objective: The objective of this unit is to help students to have a knowledge on planning process						
7	Principles of Planning	1	-	-	PPT	
8	Urban Planning	1	-	-	PPT	
9	Level of Plan	2	-	-	PPT	
10	Stages in Planning Process	1	-	-	PPT	
11	Delineation of Planning Areas	2	-	-	PPT	
12	Surveys and Questionnaire Design.	1	-	-	PPT	
UNIT III DEVELOPMENT PLANS, PLAN FORMULATION AND EVALUATION						10
Objective: The objective of this unit is to help students to have a knowledge on plans and formulation						
13	Scope and Content of Regional Plan	1	-	-	PPT	
14	Regional Plan-Types	1	-	-	PPT	
15	Master Plan	1	-	-	PPT	
16	Detailed Development Plan	1	-	-	PPT	
17	Development Control Rules	1	-	-	PPT	
18	Transfer of Development Rights	1	-	-	PPT	
19	Special Economic Zones	2	-	-	PPT	
20	Case studies	3	-	-	PPT	
UNIT IV PLANNING AND DESIGN OF URBAN DEVELOPMENT PROJECTS						9
Objective: The objective of this unit is to help students to develop the ability of planning and design of urban development projects						
21	Site Analysis	1	-	-	PPT	
22	Layout Design	1	-	-	PPT	
23	Planning Standards	1	-	-	PPT	
24	Formulation – Evaluation	1	-	-	PPT	
25	Project, Plan Implementation	1	-	-	PPT	
26	Constraints of Project	1	-	-	PPT	
27	Implementation of Project	1	-	-	PPT	
27	Financing of Urban	2	-	-	PPT	

	Development Projects				
UNIT V LEGISLATION, DEVELOPMENT AND MANAGEMENT OF URBAN SYSTEM 10					
Objective: The objective of this unit is to help students to develop the ability to have a knowledge on legislation, development and management of urban system					
28	Town and Country Planning Act	2	-	-	PPT
29	Land Acquisition and Resettlement Act	2	-	-	PPT
30	Urban Planning Standards and Regulations	2	-	-	PPT
31	Involvement of Public, Private, NGO, CBO.	3	-	-	PPT
32	Beneficiaries of Urban System	1	-	-	PPT

Assignment / Case Studies / Tutorials / Quiz / Mini Projects / Model Development / Task

1. Central Business District(CBD)
2. Urban planning standards and regulations.

TEXT BOOK

- Goel, S.L Urban Development and Management, Deep and Deep publications, New Delhi 2002
- George Chadwick, A Systems view of planning, Pergamon press, Oxford 1978
- Singh V.B, Revitalised Urban Administration in India, Kalpaz publication, Delhi, 2001
- Edwin S.Mills and Charles M.Becker, Studies in Urban development, A World Bank publication, 1986

REFERENCES:

- Tamil Nadu Town and Country Planning Act 1971, Government of Tamil Nadu, Chennai
- Goel S.L., Urban Development and Management, Deep and Deep Publications, New Delhi, 2002
- Thooyavan, K.R., Human Settlements – A Planning Guide to Beginners, M.A Publications, Chennai, 2005
- CMDA, Second Master Plan for Chennai, Chennai 2008

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