



TENTATIVE TEACHING PLAN (THEORY)

Department: **Civil Engineering**

Name of Teacher: **Prof. Dr. Agha Faisal Habib**

Subject: **Architecture and Town Planning**

Course Code:

CE246

Batch **21CE (A+B+C)** Year: **2nd** Semester: **4th**

Semester Starting Date: **03/07/2023**

Semester Suspension Date: **20/10/2023**

Course Learning Outcomes (CLOs):

Upon successful completion of the course, the student will be able to:

CLO No.	Description	Taxonomy Level	Linking to PLOs
1	EXPLAIN concepts of Architecture and its implications on Engineering and Design.	C2	1
2	APPLY the principles of town planning in the development of modern cities and towns based on best practices and guidelines.	C3	3

S #	Topic	CLO's	No: of lec. hrs reqrd
1.	Introduction to Subject "ATP" Teaching Plan Syllabus etc.	1	01
2.	Architecture and general introduction to history of architecture	1	02
3.	Geographical, climatic, religious, social and historical influences	1	02
4.	Development of Islamic Architecture	1	01
5.	Qualities and Factors	1	01
6.	Use of different Materials	1	01
7.	Walls and their construction	1	01
8.	Roof styles	1	01
9.	Energy efficient materials and thermal insulation	1	01
10.	Modern Architecture and use of advanced materials	1	01
11.	Molding and ornamental works in building	1	01
12.	Introduction to Town Planning	2	01
13.	Purpose, Scope and Trends in planning, urban growth, objectives of sound planning, modern planning in Pakistan and abroad.	2	02
14.	Phases of Planning and principles of Neighborhood planning and its features.	2	01
15.	Study of natural resources, Economic resources, Legal & administrative problems	2	01
16.	Civic Surveys	2	01
17.	Master Plan	2	02
18.	Zoning	2	01
19.	Various theories and Land use patterns	2	01
20.	Location of Parks and recreation facilities	2	01
21.	Layout of Streets	2	01
22.	Location of Public and Semipublic Buildings.	2	01
23.	Civic Centre, Commercial Centres, Local-Shopping Centres, Public-Schools, etc.	2	01
24.	Location of Industries	2	01
25.	"Slum-Areas" and their upgrading methodologies. Issue related to inner city design, Emergence / up gradation of Square and Scattered Settlement.	2	02
26.	Suburban development	2	01
27.	Satellite Town & Garden City	2	01
Total Lectures			32

Signature of Teacher:

Dated: 18/04/2023

Remarks of DMRC: **APPROVED**



Signature of Chairman:

Dated: 01-08-2023