

TENTATIVE TEACHING PLAN (THEORY)Department: **Civil Engineering**Name of Teacher: **Prof. Dr. Tauha Hussain Ali/Engr. Muhammad Saleem Raza**Subject: **Construction Engineering**Course Code: **CE231** Batch: **21CE (A+D)**Year **Second**Semester **Second**Semester Starting Date: **03-07-2023**Semester Suspension Date: **20-10-2023****Course Learning Outcomes:**

After completing the 'Construction Engineering' course, each student will be able to:

CLO No.	Description	Taxonomy Level	PLO
1	Discuss different construction methodologies being used in construction Industry	C2	1
2	Apply acquired knowledge to supervise different components of building works.	C3	2

S #	Topic	CLO	No: of lecture hrs. required
1.	Introduction to the subject, syllabus / teaching plan etc	1	2
2.	An overview of constructional aspects of different type of engg. projects	1	3
3.	Building layout, construction and dewatering techniques	1	4
4.	Water proofing techniques and materials, use of admixtures to prevent efflorescence in brick-work	1	4
5.	Temporary Structures constructed in sub structure and super structure	1	5
6.	Brick, stone, concrete masonry and concrete blocks	2	3
7.	Bonds, types of bonds and its types	2	3
8.	Arches and lintels, its types and construction	2	3
9.	Doors and Windows and their types and allied services and applications	2	3
10.	Walls, its types and construction	2	2
11.	Floor and various types of floor finishes	2	2
12.	Roofs, its types and construction	2	2
13.	Thermal insulation of building	2	2
14.	Heating and ventilation	2	2
15.	Acoustics of building and use of sound proof materials	2	2
16.	Common defects in construction	2	2
17.	Maintenance of buildings	2	2
18.	Services in buildings including domestic water supply, drainage and piping	2	2
Total Lecture hours			48

Signature of Teacher: 

Dated: 20-06-2023

Remarks of DMRC: **APPROVED**

Signature of Chairman

A handwritten signature in blue ink, featuring a circled 'K' at the top left and the word 'Chairman' written below it. The signature is underlined with two parallel lines.

Dated: 01-08-2023