



TENTATIVE TEACHING PLAN

Dec.01.2001

DEPARTMENT/INSTITUTE/DIRECTORATE: CIVIL ENGINEERING

Name of Teacher: **Engr. Arshad Ali Memon / Engr. Abdul Latif Jamali**

Subject: **Geometrical Drawing (Practical)**

Course Code: **CE102**

Batch: **23CE (A+B+C+D)** Year: **1st**

Semester: **1st**

Semester Starting Date: **15-08-2023**

Semester Suspension Date: **24-11-2023**

Course Learning Outcomes (CLOs):

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

CLO No.	Description	Taxonomy level	Linking to PLO
2	Practice orthographic projections of points, lines, planes and solids and isometric view of solids.	P3	1
3	MAKE isometric view of solids	P4	1

S. No:	Description of Objects	Associated CLO	No: of Practical hours Required
1.	To know about different drawing instruments & their usage in geometrical drawing and introduction of HSE measures.	2	3
2.	To draw the projection of points when point is in 1st and 2nd quadrant.	2	3
3.	To draw the projection of points when point is in 3rd and 4th quadrant.	2	3
4.	To draw the projection of straight lines parallel to both planes.	2	3
5.	To draw the projection of straight lines parallel to one & perpendicular to another plane.	2	3
6.	To draw the projection of straight lines parallel to one & inclined to another plane.	2	3
7.	To draw the projection of straight lines inclined to both planes.	2	3
8.	To draw the projection of inclined lines with horizontal traces.	2	3
9.	To draw the projection of inclined lines with vertical traces.	2	3
10.	To draw the projection of perpendicular planes.	2	3
11.	To draw the projection of oblique planes.	2	3
12.	To draw the projection of solids in simple position.	2	3
13.	To draw the projection of solids inclined to reference planes.	2	3
14.	To draw the isometric projection of solids.	3	6
15.	To perform an open-ended lab	2	3
Total Lecture Hours			48

Signature of Teacher:

Dated: 10-10-2023

Remarks by DMRC:

Signature of Chairman:

Dated: 20-10-2023