

DEPARTMENT OF CIVIL ENGINEERING

Name of the Subject: Structural Analysis - I

Subject Code: CE406PC

Year/ Sem: II/II

Regulation: R18

CO1	Able to understand the concept of Structural Analysis and Analyze the propped cantilevers and fixed beams.
CO2	Able to solve the forces at joints for perfect frames
CO3	Able to calculate the deflections of beams using energy theorems and analyze the three hinged arches
CO4	Able to Compute Final Moments for beams by Slope deflection and Moment Distribution method.
CO5	Able to sketch influence line diagrams for the moving loads.

Mapping Matrix of CO's and PO's:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
CO1	X	X	X											X
CO2	X	X	X											X
CO3	X	X	X											X
CO4	X	X	X											X
CO5	X	X	X											X

Course Coordinator

Program Coordinator

HoD