

DEPARTMENT OF CIVIL ENGINEERING

Name of the Subject: Strength of Materials-I

Subject Code: CE303PC

Year/ Sem: II/I

Regulation: R18

CO1	Able to determine the stresses and strains in the members subjected to axial and bending loads.
CO2	Able to construct the Shear Force and Bending Moment diagrams for different beams subjected to various loads.
CO3	Able to determine the shear stresses and flexural stresses in structural members.
CO4	Able to determine the principal stresses and strains in structural members
CO5	Able to evaluate the slope and deflection of beams subjected to various 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