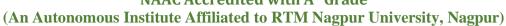


Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108 NAAC Accredited with A+ Grade





Program: B.Tech. Civil Engineering

Semester IV

BCE32401: Structural Analysis

	Course Outcomes	CL
BCE32401.1	Apply knowledge to determine the forces in determinate structures and indeterminate structures	3
BCE32401.2	Analyze the slope and deflection of beams and frames under structural loading conditions and use the approximate method for analysis of multistoried frame structures	4
BCE32401.3	Apply knowledge of Influence Line structural members for rolling loads	3
BCE32401.4	Apply stiffness method to analyze beams and plane frames.	3
BCE32401.5	Apply direct stiffness method to formulate, stiffness matrix, transformation matrix, load matrix to analyze plane truss.	3

HoD(CE)