
	Tulsiramji Gaikwad-Patil College of Engineering and Technology Wardha Road, Nagpur-441 108 NAAC Accredited with A+ Grade (An Autonomous Institute Affiliated to RTM Nagpur University, Nagpur)	
Program: B.Tech. Civil Engineering		
Semester VII		

BCE4710 - Program Elective-VI (Earthquake Engineering)

	Course Outcomes	CL	Class Sessions
BCE4710.1	Illustrate the concept of inertia and damping with static and dynamic forces and response of SDOF systems.	4	9
BCE4710.2	Analyze the response of SDOF systems and natural frequencies and mode shapes.	4	9
BCE4710.3	Analyze the response of MDOF systems and mode shapes and Elements of seismology.	4	9
BCE4710.4	Asses the response of structures and difference between the magnitude, intensity and acceleration of earthquake.	5	9
BCE4710.5	Analyze structure for earthquake forces according to IS code provisions	4	9