
	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		

BCE4709 - Program Elective-VI (Prestressed Concrete)

	Course Outcomes	CL	Class Sessions
BCE4709.1	Understand the design of high strength concrete mixes and basic properties of pre-stressed concrete.	2	9
BCE4709.2	Analyze the pre-stressed beams for bonded and unbounded by Limit state method.	4	9
BCE4709.3	Analyze the flexural behavior of Pre-stressed concrete members by Limit state concept.	4	9
BCE4709.4	Design of reinforcement in torsion shear and bending of pre-stressed concrete members.	6	9
BCE4709.5	Design of Composite Construction of pre-stressed precast and cast in situ concrete members.	6	9