



**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 VI**

**BCE33612: Structural Audit & Retrofitting of Structures (Program Elective-III)**

	<b>Course Outcomes</b>	<b>CL</b>
<b>BCE33612.1</b>	<b>Identify</b> causes of deterioration in RC and steel structures.	3
<b>BCE33612.2</b>	<b>Explore</b> entire process of structural audit.	4
<b>BCE33612.3</b>	<b>Explore</b> necessity and methods of structural health monitoring.	4
<b>BCE33612.4</b>	<b>Explain</b> method of retrofitting for RC, steel and historical structures.	3
<b>BCE33612.5</b>	<b>Design</b> retrofitting using FRP for RC column and RC beam.	6

**HoD(CE)**