
	<p style="text-align: center;"><b>Tulsiramji Gaikwad-Patil College of Engineering and Technology</b>  Wardha Road, Nagpur-441 108  <b>NAAC Accredited with A+ Grade</b>  (An Autonomous Institute Affiliated to RTM Nagpur University, Nagpur)</p>	
<b>Program: M.Tech. Structural Engineering</b>		
<b>Semester I</b>		

**(PE-II) Design of Earthquake Resistant Structures**

	Course Outcomes	PO/PSO	CL	Class Sessions
<b>MSE21110.1</b>	Apply the concept of Propagation of earthquake waves	PO1, PO2	3	9
<b>MSE21110.2</b>	Examine the causes and sources of earth quake	PO1, PO2, PO3	4	9
<b>MSE21110.3</b>	Evaluate the moments and shear detailing of RCC member	PO1, PO2, PO3	5	9
<b>MSE21110.4</b>	Design the special aspect in multistoried building	PO1, PO2, PO3	6	9
<b>MSE21110.5</b>	Design the structure by using IS 1893	PO1, PO2, PO3,	6	9

*Spabhyar*

**HoD(CE)**