



**TULSIRAMJIGAIKWAD-PATIL College of Engineering and Technology**

Wardha Road, Nagpur - 441108

Accredited with NAAC A+ Grade

Approved by AICTE, New Delhi, Govt. of Maharashtra

**(An Autonomous Institute Affiliated to RTM Nagpur University)**



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**Department of Civil Engineering**

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M.Tech Structural Engineering

Course Name **MSE1103: Theory of Structural Stability**

<b>MSE1103</b>	<b>Course Outcomes</b>
<b>CO1</b>	<b>Apply</b> the concept of stability of discrete and continuous system
<b>CO2</b>	<b>Design</b> the stability of columns by considering the buckling and torsion effect
<b>CO3</b>	<b>Examine</b> the stability of various frame
<b>CO4</b>	<b>Judge</b> the stability of beam and plate
<b>CO5</b>	<b>Evaluate</b> the buckling and dynamic stability for inelastic materials