



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: M.Tech. Structural Engineering

Semester I

Theory of Elasticity and Plasticity

	Course Outcomes	PO/PSO	CL	Class Sessions
MSE21101.1	Apply the concept of plane stress and plane strain at a point	PO1, PO2	3	9
MSE21101.2	Analysis of stress and strain in 2 and 3 dimensions	PO1, PO2, PO3	4	9
MSE21101.3	Solve differential equation for analysis of beam and column	PO1, PO2	3	9
MSE21101.4	Compare bending concept for narrow rectangular section	PO1, PO2, PO3	4	9
MSE21101.5	Integrate compressive forces and distributed axial load	PO1, PO2, PO3,	6	9

Spashyatean

HoD(CE)