



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

Advanced Matrix Analysis

	Course Outcomes	PO/PSO	CL	Class Sessions	Lab Sessions
MSE21111.1	Apply the concept of stiffness method for plane truss	PO1, PO2	3	9	2
MSE21111.2	Evaluate the method for analysis of space frame	PO1, PO2, PO3	5	9	2
MSE21111.3	Analyze the effect of shear deformation internal member and end release	PO1, PO2, PO3	4	9	4
MSE21111.4	Judge dynamics analysis of system with distributed properties	PO1, PO2, PO3	5	9	2
MSE21111.5	Design the solution techniques with banded sky line technique	PO1, PO2, PO3,	6	9	2

S. P. Patil

HoD(CE)