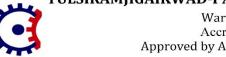
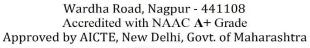


TULSIRAMJIGAIKWAD-PATIL College of Engineering and Technology







(An Autonomous Institute Affiliated to RTM Nagpur University)

Department of Civil Engineering

M.Tech Structural Engineering

Course NameMSE1102: Structural Dynamics

MSE1102	Course Outcomes
CO1	Apply the concept of Multiple degree of freedom to damped and undamped oscillating conditions.
CO2	Analyse the Vibration analysis technics to R.C.C Structures with IS code study.
CO3	Formulate the structural dynamics theory to analyse the response of single degree freedom systems and design of structure.
CO4	Develop the equation of motion for vibratory systems and solving for the free and forced response.
CO5	Solve problem on Dynamic analysis with distributed properties&loading by Energy Principle, Rayleigh-Ritz method.