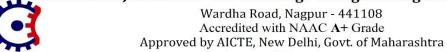


## TULSIRAMJIGAIKWAD-PATIL College of Engineering and Technology





# (An Autonomous Institute Affiliated to RTM Nagpur University) Department of Civil Engineering

## M.Tech Structural Engineering

## Course NameMSE1212: Advanced Steel Laboratory

MSE1212	Course Outcomes
CO1	Understand basic concepts of structural steel design
CO2	<b>Explore</b> various analysis and design concepts through critical review of IS 800
CO3	Analyze the response of steel beams and carrying design as per IS 800
CO4	<b>Evaluate</b> the design of structural steel systems like truss and plate girders.
CO5	<b>Create</b> computational structural analysis and design of steel structures and connections using structural analysis and design program.