



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)



Department of Civil Engineering

M.Tech Structural Engineering

Course Name **MSE1212: Advanced Steel Laboratory**

MSE1212	Course Outcomes
CO1	Understand basic concepts of structural steel design
CO2	Explore 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	Evaluate the design of structural steel systems like truss and plate girders.
CO5	Create computational structural analysis and design of steel structures and connections using structural analysis and design program.