



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)

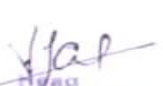


Program: B.Tech In Mechanical Engineering

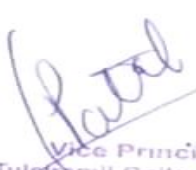
Fourth Semester Autonomous Course Outcome (Cos)

BME2404: Mechanics of Materials

Course Code	Course Outcomes
BME2404.1	Apply the concept of simple stresses and strains and their relations based on linear elasticity, material behaviors due to different types of loading.
BME2404.2	Apply shear force and bending moment diagrams of a beam and analyze bending stresses, shear stresses in a beam.
BME2404.3	Illustrate the Concept of deflection of beams by applying principle Macaulay's method and estimate strain energy & impact loading in mechanical element.
BME2404.4	Analyze the torsion of circular shafts.
BME2404.5	Analyze the Strength criterion for design of Column & Struts.


Head
Department of Mechanical Engineering
Tulsiramji Gaikwad Patil College of
Engineering & Technology, NAGPUR.


Dean Academics
Tulsiramji Gaikwad-Patil
College Of Engineering
and Technology, Nagpur


Vice Principal
Tulsiramji Gaikwad-Patil
College Of Engineering &
Technology, Nagpur.