



TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology
Wardha Road, Nagpur - 441108
Accredited with NAACA+Grade
Approved by AICTE, New Delhi, Govt. of Maharashtra
(An Autonomous Institution Affiliated to RTM Nagpur University, Nagpur)



Department of Sciences and Humanities

Course Name BCE1X01: Engineering Mechanics

BCE1X01	Course Outcomes
CO1	Apply the forces on body, Force system, Characteristics of forces, moment of force about any point, couple moment as free vector, resultant of two dimensional distributed loads.
CO2	Illustrate the analytical and graphical condition of equilibrium, non-concurrent and parallel force system
CO3	Demonstrate the centroid of composite figures such as square rectangular, triangle, circle semicircle, quarter circle, and product of inertia of plane areas.
CO4	Illustrate the Kinematics of rectilinear motion, motion curves, Newton's motion Law, and relative velocity.
CO5	Apply the system of particles, elastic impact of two bodies, direct central impact. Principle work energy.