



**TULSIRAMJI GAIKWAD-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)

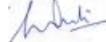


Department of Basic Sciences & Humanities

## First Semester Autonomous Course Outcome (COs)

### Engineering Mechanics: BCE31101

Course Code	Course Outcomes
BCE31101.1	Apply the forces on body, Force system, moment of force about any point, couple moment as free vector, resultant of two-dimensional distributed loads.
BCE31101.2	Illustrate Resultant and Equilibrium of concurrent and parallel forces
BCE31101.3	Demonstrate the centroid of composite figures and moment of inertia of plane sections
BCE31101.4	Illustrate the Kinematics of rectilinear motion, motion curves, Newton's motion Law, and relative velocity.
BCE31101.5	Apply the system of particles, elastic impact of two bodies, direct central impact. Principle work energy.

				Aug, 2023	1.00	Applicable for AY 2023-24 Onwards
Chairperson	Dean Academics	Vice Principal	Principal	Date of Release	Version	