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)

Algebra & Calculus: BSH31101

Course Code	Course Outcomes
BSH31101.1	**Solve** improper integrals using beta,gamma functions
BSH31101.2	**Apply** the concept of matrices to check existence of solution of system of linearSimultaneous equation.
BSH31101.3	**Apply** the concept of maxima, minimaand successive differentiation in analysis of engineering problems.
BSH31101.4	**Use** of Partial differentiation to SolveJacobian and Chain Rule
BSH31101.5	**Determine** line and surface integral by using the concept of vector calculus.

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