



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 BSH1X01: Algebra and Calculus

| BSH1X01 | Course Outcomes |
|----------------|--|
| CO1 | Solve improper integrals using beta, gamma Functions. |
| CO2 | Apply the concept of matrices to check existence of solution of system of linear Simultaneous equation. |
| CO3 | Apply the concept of maxima, minima and successive differentiation in analysis of engineering problems. |
| CO4 | Use of Partial differentiation to Solve Jacobian and Chain Rule |
| CO5 | Determine line and surface integral by using the concept of vector calculus. |