TULSIRAMJIGAIKWAD-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 Civil Engineering

B.Tech. Civil Engineering

Course Name BCE2301: Applied Mathematics III

BCE2301	Course Outcomes
CO1	**Apply** the concept of Laplace Transform for Solving differential equation
CO2	**Analyze** numerical techniques to find the roots of equations different types of equations.
CO3	**Understand** the concept of finding maxima and minima of definite integral involving unknown function & Evaluate problems of P.D.E
CO4	**Expand** the function in periodic form using Fourier series and use the transform to solve integral equation
CO5	**Formulate** simple optimization problem and learn to solve it by Graphical method and Simplex method.