



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 Institution Affiliated to RTM Nagpur University)



Department of Electronics & Communication Engineering

B.Tech Electronics & Communication Engineering

Course Name EC2402: Electromagnetic Theory

EC2402	Course Outcome
CO1	Summarize Orthogonal coordinate systems and its fields.
CO2	Examine Coulomb's law, Gauss's law and its application in Electric Field Intensity.
CO3	Analyze Divergence Theorem, Conductor Properties using Poisson's And Laplace Equations.
CO4	Apply Biot –Savart law, Ampere's Circuital law, Boundary wall conditions in Magnetic field Intensity.
CO5	Apply Maxwell's equations for Static and Time varying fields.