



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 Institution Affiliated to RTM Nagpur University, Nagpur)



Department of Electrical Engineering

M.Tech Integrated Power System

Course Name **MIP1213: Power System Planning and Reliability**

MIP1213	Course Outcomes
CO1	Apply the knowledge of forecasting of future load requirements of both demand and energy by using forecasting tools.
CO2	Analyze the economic appraisal to allocate the resources efficiently and appreciate the investment decisions
CO3	Design a small Generation and Transmission system in order to achieve reliability.
CO4	Evaluate the operating states of transmission system & their associated contingencies for the stability of the system.
CO5	Formulate reliability criteria for generation, transmission, distribution and reliability evaluation and analysis, grid reliability, voltage disturbances and their remedies