



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

B. Tech. Electrical Engineering

Course Name: BEE3503: Computer Aided Power System Analysis

BEE3503	Course Outcomes
CO1	Determine bus impedance and admittance matrix by singular transformation method.
CO2	Build bus impedance and admittance matrix by inspection and building algorithm.
CO3	Evaluate the short circuit calculations for the symmetrical and unsymmetrical faults using bus impedance and admittance a matrix.
CO4	Justify the unit commitment of the generation system using economic load operation.
CO5	Comment on the power system stability of a power system using swing curve of the system