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