



SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore – 641 107

AN AUTONOMOUS INSTITUTION



Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Topic: 3.8 –Tutorial 8

1. Solve the system of equations by Gauss-Jordan method $10x-2y+3z=23$, $2x+10y-5z=-33$,
 $3x-4y+10z=41$
2. Solve the following Equations by Gauss-seidel method $4x+2y+z=14$, $x+5y-z=10$, $x+y+8z=20$
3. Using Gauss Jordan method solve the following equations $10x+y+z=12$, $2x+10y+z=13$,
 $x+y+5z=7$
4. Solve the following system equations by Gauss Seidal method $27x+6y-z=85$,
 $x+y+54z=110$, $6x+15y+2z=72$
5. Solve the following equations by Gauss-seidel method $30x-2y+3z=75$,
 $2x+2y+18z=30$, $x+17y-2z=48$