

Assignment 1

- 1) Solve the Absolute Error, Relative Error, Percentage Error.
- 2) Solve the Bisection Method
- 3) Solve the Method of False Position
- 4) Solve the Newton-Raphson Method
- 5) Solve the Interpolation: -Forward Difference

Assignment 2

- 1) Solve the Backward Difference
- 2) Solve the Newton.s Forward Difference Interpolation
- 3) Solve the Newton.s Backward Difference Interpolation
- 4) Solve the Lagrange.s Interpolation
- 5) Solve the Cramer.s Rule,

Assignment 3

- 1) Solve the Gauss Elimination Method
- 2) Solve the Gauss Elimination with partial pivoting
- 3) Solve the Gauss-Jordan Method
- 4) Solve the Euler.s Method
- 5) Solve the Modified Euler.s Method

Assignment 4

- 1) Solve the Runge-Kutta Method for 1st and 2nd Order Differential Equation
- 2) Solve the Trapezoidal Rule
- 3) Solve the Simpson.s 1/3 Rule
- 4) Solve the Simpson.s 3/8 Rule
- 5) Linear Programming Model