Week	Topic Details
1	Error analysis
2	Solution of equation in one variable (Bisection method)
3	Solution of equation in one variable (Fixed point), (Newton-Raphsen)
4	Solution of non-linear system Newton method, iteration method
5	Newton method of n system
6	Numerical solution of system of linear algebraic Basic concept, Gauss method
7	Computing determinant, Jaccobi iteration method
8	Gauss- seidal method
9	Interpolation, Newton 1st and 2nd interpolation
10	Inverse interpolation and extrapolation
11	Least square fitting ,linear and nonlinear.
12	Numerical differentiation
13	Numerical integration
14	Solution of ordinary differential equation. Euler's method and , Milline's method
15	Solution of ordinary differential equation Runge-Kutta 's method.
16	Boundary value problem for ordinary differential equation