

COURSE LEARNING OUTCOMES
DEPARTMENT: Mathematics, Malda College

COURSE TITLE: Numerical Analysis Teacher: Dr. Goutam Haldar	CATALOG DESCRIPTION:
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COURSE LEARNING OUTCOMES

After taking this course, the student should be able to

1. construct a function which closely fits given n- points in the plane by using interpolation method
2. find the lagrange polynomial passing through the given points
3. investigate the solution of a nonlinear equation
4. find the solution of an equation by the fixed-point iteration
5. find the solution of an equation by the Newton-Raphson method
6. Learn methods of numerical integration and differentiation
7. The explaining and understanding of the several available methods to Solve the simultaneous equations.
8. apply several methods to solve Curve Fitting and Interpolation questions and its related techniques.