

## **MTH 202 ELEMENTARY DIFFERENTIAL EQUATIONS: (3 Units) (L30: P 0: T15)**

### **(Equations 1): Pre-requisite -MAT 103**

Derivation of differential equations from primitive, geometry, physics etc. order and degree of differential equation. Techniques for solving first and second order linear and non-linear equations. Solutions of systems of first order linear equations. Finite linear difference equations. Application to geometry and physics.