

OBJECTIVE

The central problem of comparative static analysis is that of finding a rate of change, that can be identified with a problem of finding the derivative of function under investigation.

In this unit, you will learn the use of Derivatives in finding the rate of change of one quantity with respect to other. You will also learn about the stationary points, points of inflexion and points of maxima/minima of a function. Further you will also learn to express a differentiable function into its power series called Taylor's series. This will further help in understanding the concepts of Marginal cost, Marginal revenue etc.