



**[Extreme Value & power series Representation of Function]
[Summary]**

Subject:	Business Economics
Course:	B.A., 2 nd Semester, Undergraduate
Paper No. & Title:	Paper – 202 Mathematics for Business Economics
Unit No. & Title:	Unit - 3 Single variable Differentiation
Lecture No. & Title:	1: Extreme Value & power series Representation of Function

Summary:

In this module we basically learnt the meaning of a stationary point, a point of inflexion etc. and also understood the procedure of obtaining them. Further the concept of power series was introduced, using which any suitable function can be converted into a series(i.e. sum) of power functions. Lastly some direct and simple applications of differentiation in Economics were included like finding the marginal cost and marginal revenue.