



**Sub Committee for Curriculum Development Faculty of Management
Maths & Statistics**

Name of Institute: Symbiosis School for Liberal Arts

Course Name: Quantitative Reasoning II: Statistics

(UG/PG): UG

Number of Credits: 4 (60 hours)

Level: 1

Course Description:

Quantitative Reasoning II: Statistics is a core subject aimed at helping students understand specified content and statistical data. This course is designed with the objective of teaching students the basic concepts of statistics along with the importance of statistics in the world today. By utilising interactive class discussions and materials such as articles, newspaper clippings, the aim is to embed within the students a practical understanding of the subject matter.

This course covers a broad range of topics. These include introduction to statistics, measures of central tendency, measures of dispersion, correlation, regression, probability and probability distributions, assignment problems, association of attributes and game theory.