Statistics and Optimization

Frequency Distribution (table formation and graphical representation)

Measures of central tendency and graphical representation

Correlations +Tutorial

Measures of dispersion, methods properties, standard deviation and correlations

Tutorial

Probability Distribution

Test methods

Tutorial

Tutorial

Curve fitting and applications

Experimental Design

Tutorial

Half-year Break

Optimization, applications, restrictions (internal and external)

Techniques of optimization, analytical method

Multivariable

Numerical method ,single variable

Multivariable

Linear programing

Tutorial

Simplex method

Tutorial

Modern method of optimization