Quantitative Techniques in Production Management

Frequency distribution, measure and central tendency-comparing of mean, median and mode, Measuring variability, Probability-introductory ideas, probability distributions, Sampling and sampling distribution, estimation, testing hypothesis, chi-square and analysis of variance, Simple regression and correlation, multiple regression and modeling techniques, non-parametric methods, time series, Linear programming, Simplex method, Transportation problems, assignment problems.

Text Book:
Modern Production Management - Buffa, 5th Ed, John Wiley