

St. Joseph's College (Autonomous) Irinjalakuda
Department of Mathematics
Certificate Course in "Data Analysis Using MS Excel"

SYLLABUS

Module 1: Introduce Excel (10h)

Module 2: Over View of measures of central tendency and Dispersion, pivot table

Calculate mean, median, mode and Standard deviation using excel

Calculate frequency and draw histogram, prepare pivot table, pivot chart using Excel (5h)

Module 3: Introduction of Correlation and Regression

Calculate Correlation and regression using Excel (5h)

Module 4: ANOVA and t-Test, Confidence interval- Over view- Using Excel (10h)