

### **CSH 305: Agricultural Statistics and Field Experimentation (3 Units: LH 30; PH 45)**

Basic concepts of statistics. Frequency distribution, measures of location, measures of variation. Probability distribution, normal and binomial distribution. Histograms, means, mode and median, sampling, data collection, data processing techniques, statistical inference, tests of significance. F-Test, t-Tests, Chi-square, analysis of variance, analysis of co-variance; correlation and regression analysis. Goodness of fit. Research objectives, Research design, field experimentation, collection and processing of data.