

Detailed Syllabus of Unit 4		
1.	<p style="text-align: center;">Unit: 4</p> <p style="text-align: center;">Hypothesis and Inference.</p> <p style="text-align: center;">T1: Chapter 6 6.1 – 6.3, 6.5, 6.9, 6.10</p>	Hypothesis Testing: Introduction , mean (6.1) Large sample tests for a Population Mean
2.		Large sample tests for a Population mean (6.1)(contd.)(Demo)
3.		Drawing conclusions from the results of Hypothesis tests(6.2)
4.		Drawing conclusions from the results of Hypothesis tests(6.2) contd. Statistical Significance The P-value Is Not the Probability That H_0 Is True Choose H_0 to Answer the Right Question Statistical Significance Is Not the Same as Practical Significance The Relationship Between Hypothesis Tests and Confidence Intervals
5.		Large sample tests for a Population proportion (6.3) The Sample Size Must Be Large Relationship with Confidence Intervals for a Proportion
6.		Large -Sample tests for Difference between two means(6.5)
7.		Distribution Free Tests.(6.9) The Wilcoxon Signed-Rank Test Ties Differences of Zero Large-Sample Approximation The Wilcoxon Rank-Sum Test-Large-Sample Approximation Distribution-Free Methods Are Not Assumption-Free
8.		Chi-squared Test.(6.10)(Demo) The Chi-Square Test for Homogeneity The Chi-Square Test for Independence