Research Methodology:

The proposed study is not only a fact-finding research but also an analytical study of different automated testing tools. For meaningful analysis and for making valid recommendations based on the findings of the study, statistical tools like ratios, percentages, arithmetic averages, trends etc., wherever necessary are to be used in the study. It consist the comparative study of the different testing methodologies and automated testing tools by the top MNC Software companies. Tables and graphs will be used to substantiate the inferences made in the study. The data for the study has been collected mainly from secondary sources comprising various books, periodicals, Research journals, IT newspapers and testing department of the various Software companies. The research work also focus would be on study about Software Testing in IT industry and the Software Testing in Education System. This research has been done through the various Real time scenario and different automated testing tools. Additionally the study of various empirical evidence from the education institutes, universities records and various IT industries. After analyzing all the sector of Software Testing, I am trying to answer the questions about Software testing, Testing phases, Testing process and the Software Testing Education. My research design is of totally begin with research question i.e. What the Difference among Software Testing techniques in IT industry, the automated software testing tools and the testing in Education system theoretically? What are the different strategies can be used to find out the solution? It can be answered by studying different testing tools and their analytical study.