Objectives:-

Objective of any research indicate what a researcher want to find out, what is the purpose of his work. Following are the objectives of this research.

1. To find out level of supply chain automation in passenger car manufacturer and then supplier, sub suppliers.
2. To identify challenge in supply chain automation
3. To find out effect of supply chain automation on critical inventory turn-over ratio
4. To find out supply chain automation effect on delivery performance of products.
5. To find out automation effect on supply chain measurement.
6. To find out automation effect on integration and visibility of supply chain management system.
7. To address practical non logic functional drawback of automation.
8. To propose framework and success model of automation for chassis suspension system manufacturer and their supplier

Hypothesis:-

Automation of supply chain system is desirable in many industries. Generally, Original equipment manufacturer like passenger car manufacturers implemented automation in early state of automation conceptualization. However their suppliers are in moderate stage of automation and their sub supplier are at very poor level of automation. So, complete supply chain automation is still struggling and raising question to the industry. Do they really get benefit of automation because it involve huge cost as capital budgets are fixed. Now it raise another linked question that how automation giving better rate of return on investments. What are the challenging factor to initiates and sustain these benefit and how we can attain them.

H1: Automation of supply chain does provide positive and significant change in the existing supply chain management system and improve actual performance.
H1: Return on Investment in automation of supply chain system does bring efficiency, accuracy in the system and reduce critical inventory levels and thus in long term is beneficial to the organization and becomes instrumental in success of an organization.

➢ **Scope of the Study**

The study will be restricted to passenger car manufacturer and its supplier of chassis suspension system and sub supplier plants. The study will be limited to data available via books, journals, periodicals, magazines websites and employees working in supply chain and automation department of Delhi–National capital region. The employees selected for the research work will be of all rank from executive to decision maker managers and above.

➢ **Limitation of study**

Area for this research is specific to passenger car manufacturing plant and their supply chain partners manufacturing chassis suspension system and its components and child parts.