3. Objectives:

The objective of the work is to contribute to the achievement of semantic specification and formal specifications of systems in organizational environments. First, it is necessary to determine in which fields, sub-fields and topics, relevant research results are reported. The gaps are identified in the context of the set research objectives and discussion is provided. These are considered as a theoretical background for achievement of the above objective. The following research topics are considered for the work;

- The work focuses on interest in selected domain
- The research is curiosity and joy to study marketing strategies in industry.
- The motivation behind the research is from my family.
- Semantic specification and interoperability is a novel concept. The work is proposed to clearly mention from “simple” example. Hence, an attempt is made to make the existing definitions of the semantic specifications and formal specifications.
- The practical benefits of the semantic specification, interoperability and formal specification can be achieved only for industry adopted models
- Semantic Specification is an emerging area from the Knowledge Representation .The Formal specifications can also play an important role to contribute to Semantic Specifications. For example, formal methods and tools are used for consistency checking. Semantic Specifications can be generated automatically from formal requirement models.
- The work focuses on supply chain industry.