This thesis focuses on the need to examine the impact of E-Commerce and Supply Chain Management (SCM) in the Indian Electronic goods, Auto components, and Textile Machineries manufacturing companies in Coimbatore, Chennai, and Bangalore. Using data from the Coimbatore region, Electronic goods manufacturing companies are listed as 66 companies among 10% of companies are selected as a sample, Auto components manufacturing companies are listed as 159 companies among 10% of companies are selected as a sample, and Textile machineries manufacturing companies are listed as 255 companies among 10% are selected as a sample. In Bangalore, Electronic goods manufacturing companies are listed as 662 companies among 10% of companies are selected as a sample, Auto components manufacturing companies are listed as 218 companies among 10% of companies are selected as a sample, and Textile machineries manufacturing companies are listed as 301 companies among 10% are selected as a sample. And in Chennai, Electronic goods manufacturing companies are listed as 133 companies among 10% of companies are selected as a sample, Auto components manufacturing companies are listed as 173 companies among 10% of companies are selected as a sample, and Textile machineries manufacturing companies are listed as 367 companies among 10% are selected as a sample.
This study finds the presence of E-commerce system and supply chain management system has a tangible benefits and positive effects on the industries taken in to consideration for this study. This unit examines the type of system which is described by the umbrella term ‘e-commerce’. A number of typical application areas are examined including retailing using the internet, supply chain management and online auctions. The unit also looks at some of the underlying technologies used to implement e-commerce applications, for example web technology. The final part of the unit looks at some of the problems which are encountered when developing distributed e-commerce systems, for example problems in ensuring that a system is kept secure from criminal activity. It concludes with an examination of a typical retailing system, how some of the technologies fit together and business models used in the internet. Anonymous remailer, B2B exchange, browser, checkout page, common gateway interface, cookie, day trading, denial of service attack, design pattern, disintermediation, distributed objects, dynamic pages, dynamic pricing, e-auction, e-learning, email server, e-mall, e-procurement, e-shop, e-tailing, file transfer protocol, framework, horizontal portal, hyperlink, hypertext mailer, Hypertext Markup Language, information brokerage, Java, online trading, portal, posting, procurement, query, rapid application development, search engine, Secure Sockets Layers, Server Side Includes, Servlet, shopping cart, spam, spider, stateless server, supply chain, third party marketplace, thread, trust brokerage, vertical portal, virtual community, Web page, web server, website, webmaster.