**Abstract**

In recent years, the rapid development in IT applications like MIS, ERP, Network, Multimedia and Data Mining etc. are indispensable tools to boost productivity and drive maximum benefits that has ushered in a revolution in manufacturing and interactive marketing across the globe.The aim of this study is to elaborate how the textile industry can manage to improve their production capacity and resources to increase customer demands regarding individualized products with good quality using data mining tools and techniques. Data mining analysis offers many potential to improve the Quality control in manufacturing process and to enhance the usefulness of existing data.