**Abstract**

Stock Exchange provides a convenient and secured mechanism or platform for transactions in different securities. Such securities include shares and debentures issued by public companies which are duly listed at the stock exchange, and bonds and debenturesissued by government, public corporations and municipal and port trust bodies. Thecurrent study has been undertaken in order to predict the day to day fluctuations in theStock Market using Technical Analysis, analyse the average return and risk of Tata Steel Limited stock for the selected event window and study the impact of Brexit on Tata Steel Limited by applying Event Study analysis tools.