

## **ABSTRACT**

*The development of the capital market influences the awareness of the investing community, especially the business community. People needs continue to increase in addition to basic needs. This increase in demand has caused people to need additional income. So that income is often set aside to invest. Rational investors will invest by choosing efficient stocks. By forming an optimal portfolio, investors can avoid or minimize the risk.*

*This research aims to analyze the optimal stock portfolio in banking companies using the Single Index Model and Capital Asset Pricing Model (CAPM) method and analyze the performance of each method that has formed an optimal portfolio using the Sharpe index, Teynor index and Jensen index.*

*The research method used in this study is quantitative. The source of the data used is secondary in the form of closing price data for the period 2012-2016 from banking companies listed on the Indonesia Stock Exchange and consistent with LQ 45.*

*The results of this research indicate that, the optimal portfolio formed using a single index model method and capital asset pricing model gives the results of the four banking companies included in the optimal portfolio criteria. On the results of portfolio performance evaluations, the Sharpe index, Treynor and Jensen show that the portfolio formed using a single index model has better performance than the portfolio formed by the capital asset pricing model.*

*Keywords : Optimal Portfolio, Single Index Model, Capital Asset Pricing Model, LQ 45, Portfolio Performance*