

## **ABSTRACT**

*Awareness that intellectual capital is a very important asset in the modern business world, namely with knowledge resources that can later be an advantage for the company in the future. Research using the chemical sub-sector listed on the Indonesia Stock Exchange (IDX), is one of the important sectors in building the national economy. The chemical industry is known as a knowledge-based and technology-intensive industry. The importance of human capital, structural capital, and capital employed in the chemical sector to be able to create a chemical industry that has good and competent knowledge capabilities.*

*This study aims to determine the simultaneous and partial effect of Intellectual Capital consisting of Value Added Human Capital (VAHU), Structural Capital Value Added (STVA), and Value Added Capital Employed (VACA) on profitability Return on Assets (ROA) in companies. chemical sub-sector listed on the Indonesia Stock Exchange for the 2015-2019 period.*

*This study uses a population of chemical sub-sector companies listed on the Indonesia Stock Exchange for the 2015-2019 period. The sample was selected using a purposive sampling technique, where the sample selected in this study amounted to 8 companies that matched the research criteria. Data analysis techniques used in the form of descriptive statistics, classical assumption test and multiple linear regression analysis. Hypothesis testing carried out includes the F test, the determinant coefficient test ( $R^2$ ), , and the T . test*

*The results showed that partially VACA, VAHU, and STVA had an effect on the profitability of chemical sub-sector companies listed on the Indonesia Stock Exchange for the 2015-2019 period. Meanwhile, simultaneously, VACA, VAHU, and STVA together have an influence on the profitability of chemical sub-sector companies listed on the Indonesia Stock Exchange for the 2015-2019 period.*

*Keyword: Intellectual Capital, chemical sector, Value Added Human Capital (VAHU), Value Added Capital Employed(VACA), Structural Capital Value Added(STVA), Return on Assets (ROA)*