

## **ABSTRACT**

*This study aims to analyze the effect of the Kartu Prakerja program on labor productivity in regencies and cities in Central Java Province during the period 2019–2023. The independent variables include Kartu Prakerja, years of schooling, school participation rate, education expenditure, dependency ratio, GDP per capita, healthcare facilities, and health expenditure. Labor productivity is measured using the average wage as the dependent variable, and the analysis is conducted using panel data regression with a Fixed Effect Model (FEM) approach.*

*The results show that Kartu Prakerja has no significant effect on the average wage. Meanwhile, years of schooling, school participation rate, healthcare facilities and GDP per capita have a positive and significant effect. The dependency ratio, education expenditure, and healthcare expenditure do not have a significant effect on the average wage. These findings suggest that, despite the implementation of the job training program, improvements in labor productivity at the regional level are more strongly influenced by educational factors and economic conditions.*

*Keyword: kartu prakerja, labor productivity, average wage, panel data regression, Fixed Effect Model (FEM)*

