

## ABSTRACT

*In this modern era, technological capabilities are increasingly up to date. Almost everything that humans do today uses digital. Optical Character Recognition (OCR) is one of the technologies used to detect characters in an image into a form of text that can be read by a computer machine. Previous OCR research examined segmentation and document translators using the Tesseract OCR.*

*The method to be used in this study is by tesseract method on digital documents because it is suitable for use on OCR systems for character detection on an object. The system is designed using Python. Testing was conducted on 10 photos of digital documents.*

*The test system configuration used for testing is the best system configuration based on the performance parameters used i.e. distance, rotation, and opacity parameters. The best performance parameters are obtained at a distance of 30 cm in outdoor conditions of 85.1%, then the best performance rotation is 85.1%, and the best opacity performance is obtained at a distance of 30 cm with indoor conditions of 84.5%.*

**Keywords:** *Tesseract, OCR, digital document, image processing.*