

## ABSTRACT

Along with the development of technology, the image is stored in the form of files. But too often the image files are relatively large, making it difficult in terms of data storage (storage) and in terms of data transmission itself. One solution to reduce the file size is to perform video compression. In this thesis, the compression process is done in parallel. It is expected to assist with the performance of the compression process, particularly in terms of speed. Algorithms used for image compression is LZW algorithm.

**Keywords:** compression, video compression, LZW, parallel.