# ABSTRACT

Steganography is the art and science of writing hidden messages or hide in a way that besides the sender and the recipient, no one knows or realizes that there is a secret message. To hide the hidden message in steganography, there are several techniques, namely by choosing a safe insertion and the selection method of insertion message. So that with the selection of the proper insertion and method of inserting a message is expected to be obtained steganography system more reliable. Insertion methods that exist among others Insertion Least Significant Bit (LSB), Algorithms and Transformation, Redundant Pattern Encoding, and Spread Spectrum Method. In this study steganography will be enhanced reliability to choose the insertion of a more appropriate place. Where the present study polling stations where the image is stationary.

In this final project has been made steganographic system in order to obtain high security. Concealment techniques implemented in video media being used as a cover. And in the video embedded a secret message in the form of text. The method that used in this system is Least Significant Bit (LSB) as it is easy and does not affect the quality of media used. Video stego has a fairly good performance due to high PSNR obtained at 54.7196, but when the system given attack, the performance is not good because the big rate of MSE, 2301.19.



**Keywords:** ***Steganography, Least Significant Bit, Video***