

## **Abstract**

*Digital image is a kind of image that is very easy to used, like for image transmission as data, enhancement and processing. When image is implemented in our life, example in sending process through satelite or near cable, it often happened interference that causing noise into the images.*

*In this final project, it has been implemented and analysed the used of Bayes Shrink method based on wavelet to yield threshold which is used for denoising process. The noise which is used in this final project are additive gaussian noise, impulsive noise and addiviti laplacian noise which is generated by noise generator.*

*From the experimental results obtained, bayes shrink method was considered good in removing noise, as well as the conclusion of the better denoising process between denoising performed on spatial domain and denoising performed in the frequency domain.*

**Keywords:** *Wavelet, Threshold, denoising, BayesShrink, Additive Gaussian Noise, Impulsive Noise, Additive Laplacian Noise.*