# ABSTRACT

*Signals is a function contains information about the state of behavior of a system physically.In subject signals processing and multimedia technique there has been no module praticum and simulation to study signals continuous.*

*The operation of a signal is a measure with the scaling, amplification, attenuation, shifting, noising, multiplication, subtraction, addition, and convolution.An example of continuous signals is the odd signal, even signal, step, ramp, pulse signals and periodic signals.Applications were used matlab.The result of the finished project this is a simulated and learning module of continuous signal that can be used for college students who takes lecture signal processing and multimedia*

*This system is able to run an signal operation of a scaling, amplification, attenuation, shifting, refelction noising, multiplication, subctraction, addition and convolution.By testing experiments time the process during 30 tiimes , it' is obtained a the average in scaling is 8.713985 s , the average in amplification is 6.819674 s , the average in attenuation is 7.282529 s, the average in shift is 9.08014 s he average in noising is 7.854566 s , the average in convolution is 8.117456 s , the average in sum is 8.259569 s , the average in subtraction is 7.853341 s , the average in reflection to the y axis is 7.754546 s , he average in reflection to an axis x is 7.379493 s and the average in reflection to an axis ( 0,0 ) is 8.833636 s. in module continuous signals processing containing about the signal theory. The MOS test responder consist of 21, the result show that responders have satisfied with scale 4,6 for the experience of the concept ang GUI display.*

***Keyword : Matlab, Continuous signal, Modulesignal operation***