## بسم الله الرحمن الرحيم

## **Sudan University of Science and Technology**

**College of Graduate Studies** 

## Change of Classic Control into Programmable Logic Control Using Logo Language

تغيير نظام من تقليدي إلى تحكم منطقي مبرمج باستخدام لغة الـ Logo

A Thesis Submitted in Partial Fulfillment to the Requirements for the Degree of M.Sc. in Electrical Engineering

(Control& Microprocessor)

Prepared by:

**Aziz Badr Eldien** 

**Supervised by:** 

Dr. Eisa Bashier Mohammed

March 2011