

بسم الله الرحمن الرحيم

Sudan University of Science and Technology
College of Graduate Studies

Microcontroller based AC motor speed control

التحكم في سرعة محرك التيار المتناوب باستخدام المتحكم الدقيق

**A dissertation submitted in partial fulfillment of the
Requirements for the Degree of Master of Science in Control
and Microprocessor Engineering (M.SC)**

Prepared By:

Ahmed Mohammed I shag

Supervisor:

Prof: Saad Daoud Sulaiman

August 2008