

بسم الله الرحمن الرحيم

**SUDAN UNIVERSITY OF  
SCIENCE AND TECHNOLOGY  
COLLEGE OF POSTGRADUATE  
STUDIES**

**DYNAMIC RANDOM ACCESS MEMORY  
ADDRESS DECODING**

**A thesis submitted in partial fulfillment of the  
requirements for the degree of M.Sc. in  
computer engineering**

**PREPARED BY:**

**MOHAMED IBRAHIM ELAGIB FARAH**

**SUPERVISOR:**

**DR. ABDEL RASOUL JABAR ALZUBAIDI**

**JUNE 2006**