

**Sudan University of Science and Technology**  
**College of Graduate Studies**  
**M.Sc Program in Electronics Engineering**



**Using Microcontroller System in  
Intelling Traffic Light Control**

**أستخدام المتحكم الدقيق في نظام التحكم**

**بإشارة مرور ذكية**

A THESIS SUBMITTED IN PARTIAL FULFILLMENT OF  
THE REQUIREMENTS FOR THE DEGREE OF M.Sc. (Honors) IN  
ELECTRONICS ENGINEERING (COMMUNICATIONS ENGINEERING).

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