

بسم الله الرحمن الرحيم



Sudan University of Science and Technology

**College of Graduate Studies
and Scientific Research.**



**Improvement of concrete performance by adding
Acacia tortilis Gums**

تحسين أداء الخرسانة باستخدام صمغ السيلال

**A Thesis Submitted in Partial Fulfillment of the
Requirements for the Degree of Master of Sciences (M.Sc) in
Civil Engineering (Structures)**

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