



بسم الله الرحمن الرحيم



**SUDAN UNIVERSITY OF SCIENCE & TECHNOLOGY**

**College of Graduate Studies**

**Synthesis and Characterization of Copper Oxide Nano  
particles Supported on Silica Catalyst**

تخليق و تشخيص حفاز نانو أكسيد النحاس المدعم بالسليكا

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