

SUDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY
COLLEGE OF GRAGUATE STUDIES

**Design and Simulation Analysis of Piezoresistive
Microcantilever Beam for Glucose Sensing**

**تصميم ونمذجة تحليلية لعارضة كابولية دقيقة بيزورزستف لتحسس
الجولوكوز**

A Thesis Submitted in Partial Fulfillment for the Requirement of
the Degree of M.Sc. In Mechatronics Engineering

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