

Sudan university of science and technology

College of graduate studies

**Design and implmtation of Optoisolation circuit
of E.C.G machine
using 650nm diode laser**

تصميم و تنفيذ دائرة عزل كهروضوئي لجهاز تخطيط
القلب

باستخدام ليزر الثنائي 650 نانومتر

**A thesis submitted as a partial fulfillment for
the requirments of degree of master science
in laser applications in electronic engineering**

By:

Areej Awad Allah Mohemmed Hamad

Supervised by:

Prof:Saad Daoud

Dr:Kasim M.Al Hity